

Clavinova®

CVP-509 / 505 / 503 / 501

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Voice List / Voice-Liste / Liste des voix / Lista de voces

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano1	0	122	1	Natural!	
	GrandPiano2	0	122	2	Natural!	
	BrightPiano	0	123	1	Natural!	
	MellowPiano	0	124	1	Natural!	
	RockPiano	0	124	3	Natural!	
	PopGrand	104	6	1	Natural!	
	Oct.Piano1	0	123	4	Natural!	
	Oct.Piano2	0	124	4	Natural!	
	Harpsichord8' 1	0	122	7	Natural!	
	HonkyTonk	0	122	4	Natural!	
	ConcertGrand	0	115	1	Live!	
	PopGrand	104	5	1	Live!	
	RockPiano	104	4	1	Live!	
	AmbientPiano	104	3	1	Live!	
	CocktailPiano	104	0	4	Live!	
	MIDIGrand	104	0	3	Live!	
	MIDIGrandPad	104	1	3	Live!	
	MIDIGrandSyn	104	1	1	Live!	
	PianoOrchestra	104	2	1	Live!	
	Harpsichord	8	32	113	S.Articulation!	
	GrandPiano	0	113	1	Live!	
	WarmGrand	0	114	1	Live!	
	BrightPiano	0	112	2	Live!	
	OctavePiano1	0	113	4	Live!	
	OctavePiano2	0	114	4	Live!	
	CP80	0	123	3	Natural!	
	Hc8'+4'	0	123	7	Natural!	
	Piano&Str	0	125	1	Natural!	
	Piano&Pad	0	118	1	Natural!	
	Piano&Choir	0	126	1	Natural!	
	CP80	0	113	3	Regular	
	GrandHarpsi	0	113	7	Live!	
	Harpsichord8' 2	0	125	7	Natural!	
	Harpsi&Str	0	124	7	Natural!	
	Piano&EP1	0	122	3	Natural!	
	Piano&EP2	0	125	3	Natural!	
	HonkyTonk	0	112	4	Regular	
	E.Piano	SparkleStack	0	121	6	Cool!
		SweetDX	104	0	6	Cool!
		BalladDX	0	124	6	Cool!
		DX Dynamics	0	123	6	Cool!
		BalladBells	104	2	6	Cool!
		GalaxyEP	0	114	5	Cool!
		SuitcaseEP	0	118	5	Cool!
		ElectricPiano	0	119	5	Cool!
		MidnightDX	104	1	6	Cool!
		DreamDX	104	3	6	Cool!
DX EP		0	122	6	Natural!	
E.Piano		0	122	5	Natural!	
TremoloEP		0	124	5	Natural!	
FunkyEP		0	123	5	Natural!	
E.Clavichord		0	122	8	Natural!	
TremoloEP		0	113	5	Cool!	
VintageEP		0	116	5	Regular	
StageEP		0	117	5	Regular	
SmoothTine		0	119	6	Regular	
WahE.Clavi		0	123	8	Natural!	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
PhaseClavi		0	115	8	Regular	
Strings	ConcertStrings	8	32	50	S.Articulation!	
	StudioStrings	8	32	49	S.Articulation!	
	Spiccato	0	120	49	Live!	
	Pizzicato	0	113	46	Live!	
	TremoloStrings	0	113	45	Live!	
	Violin	0	113	41	Sweet!	
	DiscoStrings1	0	123	50	Live!	
	DiscoStrings2	0	124	50	Live!	
	MovieStrings	0	123	49	Live!	
	OrchestralHarp	104	1	47	Regular	
	Strings p	0	117	49	Live!	
	Strings mf	0	118	49	Live!	
	Strings f	0	119	49	Live!	
	DynamicStrings	0	124	49	Live!	
	TremoloBowing	8	34	49	S.Articulation!	
	Cello	0	122	43	Natural!	
	Strings	0	122	49	Natural!	
	Strings	0	117	50	Live!	
	Allegro	0	122	50	Live!	
	MellowHarp	104	0	47	Regular	
	Banjo	104	0	106	Regular	
	Hackbrett	104	2	47	Regular	
	Zither1	104	1	16	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Strings	Zither2	104	0	16	Regular	
	OrchestraHit	0	112	56	Regular	
	Tutti	0	120	50	Regular	
	SymphonicUnison	104	0	50	Regular	
	TheatreOrchestra	104	1	50	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	Spiccato	8	33	49	S.Articulation!	
	SoloViolin	0	112	41	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	Fiddle	0	112	111	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	ChamberStrings	0	112	50	Regular	
	OberStrings	0	113	52	Regular	
	SmallStrings	8	0	49	MegaVoice	
	LargeStrings	8	0	50	MegaVoice	
	Guitar&Bass	ConcertGuitar	8	32	1	S.Articulation!
		SemiAcoustic	8	33	7	S.Articulation!
		SteelGuitar	8	32	2	S.Articulation!
		FlamencoGtr	8	33	1	S.Articulation!
		PedalSteel	8	36	4	S.Articulation!
		SingleCoilClean	8	39	4	S.Articulation!
		JazzClean	8	32	7	S.Articulation!
		CrunchGtr	8	33	6	S.Articulation!
		RockLegend	8	34	6	S.Articulation!
		GuitarHero	8	32	6	S.Articulation!
WarmSolid		8	33	4	S.Articulation!	
CleanSolid		8	34	4	S.Articulation!	
70'sSolidGtr		8	38	4	S.Articulation!	
VintageAmp		8	40	4	S.Articulation!	
SmoothJazzGtr		8	35	7	S.Articulation!	
Mandolin		0	114	26	Sweet!	
NylonGuitar		8	34	1	S.Articulation!	
FolkGuitar		8	33	2	S.Articulation!	
WarmElectric		8	32	4	S.Articulation!	
CleanElectric		8	35	4	S.Articulation!	
HeavyRock		8	32	5	S.Articulation!	
HalfDrive		8	37	4	S.Articulation!	
Slapback		104	0	28	Cool!	
VintageLead		0	125	28	Cool!	
BluesGuitar		0	117	30	Cool!	
SlideNylon		0	117	25	Live!	
SlideJazz		104	0	27	Cool!	
SlideSteel		0	118	26	Live!	
SlideSolid		0	110	28	Cool!	
SlideClean		0	117	29	Cool!	
12StringGtr		0	113	26	Live!	
DynamicNylon		0	116	25	Live!	
DynamicSteel		0	116	26	Live!	
AlohaGuitar		0	118	27	Regular	
PedalSteel		0	115	28	Regular	
DynamicMute		0	118	29	Cool!	
ElectricGtr		0	114	29	Cool!	
TremoloSolid		0	111	28	Cool!	
ChorusSolid		0	107	28	Cool!	
BalladSolid		0	109	28	Cool!	
HardFlamenco		0	118	25	Live!	
JazzSoloGtr		0	116	27	Cool!	
ClassicalGtr		0	115	25	Live!	
SteelGuitar		0	117	26	Live!	
Sitar	104	0	105	Regular		
Feedbacker	8	33	5	S.Articulation!		
PowerLead	0	115	31	Cool!		
CleanGuitar	0	112	28	Cool!		
SlapSolid	0	108	28	Cool!		
60'sClean	0	117	28	Regular		
VintageOpen	0	123	28	Regular		
VintageStrum	0	126	28	Regular		
VintageAmp	0	115	30	Regular		
NylonMute	0	119	25	Live!		
SteelMute	0	120	26	Live!		
HeavyStack	0	114	31	Regular		
CrunchGuitar	0	113	31	Regular		
VintageMutedGt	0	115	29	Regular		
MutedGuitar	0	119	29	Cool!		
OctaveGuitar	0	113	27	Regular		
JazzGuitar	0	115	27	Cool!		
FunkGuitar	0	116	29	Cool!		
SingleCoil	8	3	4	MegaVoice		
JazzGuitar	8	0	7	MegaVoice		

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Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Guitar&Bass	NylonGuitar	8	0	1	MegaVoice
	SteelGuitar	8	0	2	MegaVoice
	12StringGtr	8	1	3	MegaVoice
	HiStringGtr	8	0	3	MegaVoice
	SolidGuitar1	8	1	4	MegaVoice
	SolidGuitar2	8	2	4	MegaVoice
	CleanGuitar	8	0	4	MegaVoice
	OverdriveGtr	8	0	5	MegaVoice
	DistortionGtr	8	0	6	MegaVoice
	ElectricBass	0	114	34	Cool!
	AcousticBass	0	112	33	Regular
	VintageRound	104	1	34	Cool!
	VintageFlat	104	2	34	Cool!
	VintageMute	104	3	34	Cool!
	HalfMute	0	115	34	Cool!
	VintagePick	104	1	35	Regular
	DynoPickBass	0	113	35	Cool!
	FretlessBass	0	112	36	Cool!
	SlapBass	0	112	37	Regular
	RockBass	0	114	35	Regular
	MellowFinger	0	112	34	Regular
	Bass&Cymbal	0	114	33	Regular
	VintagePickMute	104	0	35	Cool!
	VintageDyno	104	2	35	Cool!
	SuperFretless	0	113	36	Regular
	PickBass	0	112	35	Regular
	LoBass	104	0	40	Regular
	DarkBass	104	1	40	Regular
	MoonBass	104	0	39	Regular
	KickBass	104	1	39	Regular
	ClubBass	104	2	39	Regular
	FatPulse	104	2	40	Regular
	WazzoSaw	104	3	81	Regular
	DeepPoint	104	3	39	Regular
	TightBass	104	3	40	Regular
	Competitor	104	4	39	Regular
	1o1Sub	104	5	39	Regular
	LittleBassSynth	104	6	39	Regular
	TeknoBass	104	7	39	Regular
	PercPunch	104	8	39	Regular
	SquareBass	104	4	40	Regular
	TranceBass	104	9	39	Regular
	SubCutBass	104	5	40	Regular
	DynoAcidBass	104	10	39	Regular
	MiniSub	104	6	40	Regular
	FatSineRes	104	11	39	Regular
	BalladBass	104	7	40	Regular
	Velomaster	104	17	82	Regular
	SubBass	0	114	40	Regular
	HardBass	0	114	39	Regular
ResoBass	0	112	39	Regular	
HouseBass	0	116	39	Regular	
BigDrone	0	118	39	Regular	
TB Bass	0	117	40	Regular	
FusionBass	0	113	37	Regular	
FunkBass	0	112	38	Regular	
VintageRound	8	1	18	MegaVoice	
VintageFlat	8	2	18	MegaVoice	
VintagePick	8	1	19	MegaVoice	
AcousticBass	8	0	17	MegaVoice	
ElectricBass	8	0	18	MegaVoice	
PickBass	8	0	19	MegaVoice	
FretlessBass	8	0	20	MegaVoice	
Saxophone	JazzSax	8	65	81	S.Articulation2!
	BreathySax	8	64	81	S.Articulation2!
	Saxophone	8	32	83	S.Articulation!
	BigBandSax	8	35	83	S.Articulation!
	RockSax	8	33	83	S.Articulation!
	SopranoSax	0	113	65	Sweet!
	AltoSax	0	114	66	Sweet!
	TenorSax	0	117	67	Sweet!
	GrowlSax	0	111	67	Sweet!
	SaxSection	0	116	67	Live!
	PopTenor	0	127	67	Sweet!
	BalladTenor	0	126	67	Sweet!
	JazzTenor	0	125	67	Sweet!
	SaxSectionSoft	0	121	67	Live!
	SaxSectionHard	0	122	67	Live!
	BigBandSaxes	0	110	67	Live!
	BigBandUnison	0	109	67	Live!
	BigBandOctave	0	108	67	Live!
	SaxAppeal	0	123	67	Live!
	BaritoneSax	0	112	68	Regular

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Saxophone	Moonlight	0	115	72	Regular	
	BalladSection	0	119	67	Regular	
	TenorSax	8	0	83	MegaVoice	
Flute&Woodwind	Clarinet	8	65	93	S.Articulation2!	
	BalladClarinet	8	64	93	S.Articulation2!	
	RomanceClarinet	8	66	93	S.Articulation2!	
	IrishPipeAir	8	64	109	S.Articulation2!	
	IrishPipeDance	8	65	109	S.Articulation2!	
	OrchFlute	104	0	74	Sweet!	
	OrchOboe	104	0	69	Sweet!	
	OrchClarinet	104	0	72	Live!	
	OrchBassoon	104	0	71	Sweet!	
	GermanClarinet	104	2	72	Regular	
	Flute	0	114	74	Sweet!	
	Oboe	0	113	69	Sweet!	
	Clarinet	0	114	72	Sweet!	
	PanFlute	0	113	76	Sweet!	
	ClassicalFlute	0	115	74	Sweet!	
	Flutes&Obos	104	2	74	Regular	
	Clarinet&Flutes	104	1	72	Regular	
	Clarinet&Oboe	104	1	69	Regular	
	DoubleReeds	104	2	69	Regular	
	OrchWoodwind	104	1	71	Regular	
	AltoFlutes	104	1	74	Regular	
	Piccolo	0	112	73	Regular	
	Whistle	0	112	79	Regular	
	Recorder	0	112	75	Regular	
	Ocarina	0	112	80	Regular	
	Shakuhachi	0	112	78	Regular	
	Bagpipe	0	112	110	Regular	
	FluteEnsemble	0	116	74	Regular	
	Organ	PipeOrganP	0	123	20	Natural!
		PipeOrgF1	0	124	20	Natural!
PipeOrgF2		0	125	20	Natural!	
OrgF1Tutti		0	126	20	Natural!	
PipeOrgTu		0	122	20	Natural!	
WhiterBars		8	32	30	S.Articulation!	
AllBarsOut		8	32	31	S.Articulation!	
JazzRotary		8	32	114	S.Articulation!	
ClassicBars		8	34	30	S.Articulation!	
Organ-a-Gogo		104	0	17	Cool!	
CurvedBars		0	121	17	Cool!	
EvenBars		0	111	17	Cool!	
VintageFast		0	127	17	Cool!	
RotorOrgan		0	117	19	Cool!	
JazzOrgan		0	117	17	Cool!	
RockRotary		8	33	114	S.Articulation!	
ProgRockOrgan		8	33	30	S.Articulation!	
Hold It Fast		0	111	18	Cool!	
R&B Tremolo		0	111	19	Cool!	
Organ		0	118	19	Cool!	
OrganAccomp1		0	108	18	Regular	
OrganAccomp2		0	107	18	Regular	
OrganAccomp3		0	106	18	Regular	
OrganAccomp4		0	105	18	Regular	
OrganAccomp5		0	104	18	Regular	
FullTheatre		0	127	19	Regular	
SweetTheatre		0	126	19	Regular	
BallroomOrgan		0	115	4	Regular	
Tibia 16&4		104	8	17	Regular	
Tibia 8&4		104	9	17	Regular	
Vox&Tibia		104	10	17	Regular	
Tibia Full		104	5	18	Regular	
Tibia 8		104	6	18	Regular	
Vox 8		104	7	18	Regular	
PipeOrgan		0	112	20	Regular	
ChapelOrgan1		0	113	20	Regular	
ChapelOrgan2		0	114	20	Regular	
ChapelOrgan3		0	115	20	Regular	
JazzSlow		0	126	18	Cool!	
JazzFast		0	127	18	Cool!	
WhiterBarsSlow	104	1	18	Cool!		
WhiterBarsFast	104	0	18	Cool!		
AllBarsOutSlow	104	1	19	Cool!		
AllBarsOutFast	104	0	19	Cool!		
AllBarsPhase	104	2	19	Cool!		
TwoChannels	0	109	18	Cool!		
FullRocker	0	115	19	Cool!		
EuroOrgan	0	118	17	Regular		
MellowDraw	0	115	18	Regular		
Trumpet 8	0	124	17	Regular		
Kinura 8	0	123	17	Regular		
Tpt&Kinura	0	125	18	Regular		

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Organ	Trumpet 16&8	0	124	18	Regular	
Trumpet	JazzTrumpet	8	64	66	S.Articulation2!	
	Trumpet	8	32	65	S.Articulation!	
	SilverTrumpet	8	33	65	S.Articulation!	
	GoldenTrumpet	8	34	65	S.Articulation!	
	BigBandTrumpet	8	37	65	S.Articulation!	
	ClassicTrumpet	8	65	66	S.Articulation2!	
	Cornet	0	119	57	Sweet!	
	FlugelHorn	0	118	57	Sweet!	
	MutedTrumpet	0	114	60	Sweet!	
	TrumpetFall	8	38	65	S.Articulation!	
	GoldenTrumpet	0	122	57	Sweet!	
	SilverTrumpet	0	121	57	Sweet!	
	MellowTrumpet	0	120	57	Sweet!	
	Trumpet	0	115	57	Sweet!	
	Trombone	0	117	58	Sweet!	
	TrumpetShake	8	35	65	S.Articulation!	
	Tuba	104	0	59	Regular	
	BaritoneHorn	0	113	59	Regular	
	BaritoneHit	0	114	59	Regular	
	AlpBass	0	113	34	Regular	
	Trumpet	8	0	65	MegaVoice	
	Brass	BigBandBrass	8	37	57	S.Articulation!
		SmoothBrass	8	36	57	S.Articulation!
		DynamicBrass	0	127	62	Live!
		PowerBrass	0	121	63	Live!
		AccentBrass	0	109	62	Live!
		FrenchHorns	0	112	61	Live!
		SymphonyBrass	0	119	61	Live!
		Brass p	0	111	62	Live!
		Brass mf	0	110	62	Live!
Brass f		0	108	62	Live!	
BrassFalls f		8	34	57	S.Articulation!	
BrassFalls mf		8	35	57	S.Articulation!	
BrassBand		0	123	57	Live!	
SoftHorns		0	117	61	Live!	
SoftTrombones		0	118	61	Live!	
BrassShake		8	32	57	S.Articulation!	
AccentFalls		8	38	57	S.Articulation!	
Sforzando		0	105	62	Live!	
SforzandoFall		0	107	62	Live!	
SymphonyHorns		0	115	61	Live!	
BrassDynamics		0	106	62	Live!	
PopBrass		0	117	63	Live!	
HyperBrass		0	118	63	Live!	
SmallBrass		0	120	61	Live!	
BallroomBrass		0	113	60	Regular	
OctaveBrass		0	116	63	Live!	
OberBrass		0	113	64	Regular	
ThinthBrass		104	0	63	Regular	
BrassProfit		104	1	63	Regular	
SlowPwMBrass		104	2	63	Regular	
FastPwMBrass		104	6	63	Regular	
SoftVeloBrass		0	120	63	Regular	
80'sBrass		0	113	63	Regular	
AnalogBrass		0	112	64	Regular	
SoftAnalog		0	114	64	Regular	
FunkyAnalog		0	115	63	Regular	
TechnoBrass		0	114	63	Regular	
OberHorns		0	115	64	Regular	
FatSynthBrass		0	116	64	Regular	
Brass		8	0	57	MegaVoice	
Accordion		Harmonica	8	64	105	S.Articulation2!
		BluesHarp	8	65	105	S.Articulation2!
		FrenchMusette	0	119	22	Regular
		MasterAccordion	0	118	22	Regular
		JazzAccordion	0	120	22	Regular
		TangoAccordion	0	114	24	Regular
		Cassotto	104	0	22	Regular
		FullRegister	104	2	22	Regular
		Steirisch	0	117	22	Regular
		Cajun	104	3	22	Regular
		Harmonica	0	112	23	Sweet!
		Clari8'&4'	104	1	22	Regular
		Bandoneon	0	113	24	Regular
		MasterBass	0	122	22	Regular
		MusetteBass	0	123	22	Regular
		AccordionBass	0	121	22	Regular
		TangoBass	0	115	24	Regular
	FullRegBass	104	5	22	Regular	
	CajunBass	104	6	22	Regular	
	Choir&Pad	Choir	0	122	53	Natural!
		Choir&Organ	0	123	53	Natural!

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Choir&Pad	GospelVoices	0	116	53	Live!
	Humming	0	118	53	Live!
	HahChoir	0	114	53	Regular
	SweetHeaven	0	118	89	Regular
	DreamHeaven	0	121	89	Regular
	BellHeaven	0	119	89	Regular
	PanHeaven	0	120	89	Regular
	ProHeaven	0	122	89	Regular
	Mmh	0	117	53	Live!
	GothicVox	0	113	54	Regular
	UuhChoir	0	115	53	Regular
	HahPad	0	116	95	Regular
	Sunbeam	0	123	89	Regular
	CrossPhase	104	1	102	Regular
	GalaxyPad	104	3	89	Regular
	NightMotion	104	4	89	Regular
	MorningDew	104	0	95	Regular
	Aerosphere	104	1	95	Regular
	NewAtmosphere	104	4	90	Regular
	VPSOft	104	0	90	Regular
	HotSwell	104	2	96	Regular
	DarkFatSaw	104	2	90	Regular
	VaporPad	104	1	90	Regular
	SpaceRider	104	1	96	Regular
	PearlsPad	104	2	89	Regular
	BreathPad	104	0	92	Regular
	NobleMan	104	1	89	Regular
	DouxFlange	104	3	96	Regular
	LightPad	104	2	52	Regular
	ButterStrings	104	2	51	Regular
	MediumTunePad	104	0	51	Regular
	NylonPad	104	0	100	Regular
	DarkLight	104	3	90	Regular
	AnaDayz	104	3	52	Regular
	BrightPadTrance	104	4	91	Regular
	OctStrings	104	4	51	Regular
	ChillinChords	104	6	52	Regular
	BrightPopPad	104	3	51	Regular
	PremiumPad	104	0	52	Regular
	SoftEnsemble	104	1	51	Regular
	80'sPad	104	1	52	Regular
	BrightPadClassic	104	3	91	Regular
	AmbientPad	104	0	89	Regular
	BrightFatSaw	104	5	91	Regular
	TranceMW	104	0	96	Regular
	EarlyDigital	104	0	94	Regular
	Bellsphere	104	5	89	Regular
	SixthSense	104	2	102	Regular
	PercPad	104	0	102	Regular
	SuperDarkPad	0	119	90	Regular
	AnalogPad	0	120	90	Regular
	DarkAngelPad	0	121	90	Regular
	LitePad	0	122	90	Regular
PopPad	0	112	91	Regular	
GloriousPhase	0	114	91	Regular	
AnalogSwell	0	119	96	Regular	
Skydiver	0	112	102	Regular	
HipaStrings	0	114	96	Regular	
BrightSawPad	0	113	91	Regular	
BigOctavePad	0	115	91	Regular	
GoldenAge	0	115	89	Regular	
Solaris	0	114	95	Regular	
Insomnia	0	113	95	Regular	
Mediterrain	0	114	100	Regular	
OberSweep	0	115	96	Regular	
TimeTravel	0	116	89	Regular	
Bubblespace	0	113	102	Regular	
MagicBell	8	32	121	S.Articulation!	
MellowPad	0	117	96	Regular	
NeoWarmPad	0	115	90	Regular	
CyberPad	0	113	100	Regular	
BrightOber	0	113	96	Regular	
DarkPad	0	118	96	Regular	
Synth&FX	ClubLead	104	3	63	Regular
	HPFDance	104	0	91	Regular
	DetunedSawOct	104	8	82	Regular
	DancyHook	104	9	82	Regular
	VinalogSaw	104	3	82	Regular
	TalkModLead	104	0	88	Regular
	SubLead	104	0	81	Regular
	SoftSaw	104	16	82	Regular
	FusionLead	104	15	82	Regular
	BleepLead	104	0	85	Regular

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth&FX	Oxygen	0	122	82	Regular	
	Matrix	0	123	82	Regular	
	WireLead	0	120	82	Regular	
	SoftR&B	0	119	81	Regular	
	EarlyLead	0	118	82	Regular	
	LektroCodes	104	2	85	Regular	
	SimpleComp	104	12	82	Regular	
	BalladComp	104	6	89	Regular	
	HeavenBell	104	0	101	Regular	
	BrightPadBell	104	7	89	Regular	
	SoftSquare	104	5	81	Regular	
	WildPWM	104	4	81	Regular	
	DetunedVintage	104	1	85	Regular	
	PWMLead	104	1	82	Regular	
	BrassyLead	104	5	63	Regular	
	PunchLead	104	7	82	Regular	
	FlangeFilter	104	2	82	Regular	
	MouthLead	104	0	82	Regular	
	ResonantClavi	104	2	91	Regular	
	ResonanceComp	104	4	63	Regular	
	TrancePerc	104	5	82	Regular	
	Chordmaster	104	13	82	Regular	
	DigitalSeq	104	2	88	Regular	
	AnalogSeq	104	3	88	Regular	
	TranceSeq1	104	4	88	Regular	
	TranceSeq2	104	5	88	Regular	
	TranceSeq3	104	1	91	Regular	
	PercSeqFS	104	6	88	Regular	
	PercSeqFM1	104	7	88	Regular	
	PercSeqFM2	104	8	88	Regular	
	SynthSticks	104	0	107	Regular	
	SazFeeze	104	0	98	Regular	
	EasternAir	104	1	98	Regular	
	Xtune	104	1	88	Regular	
	PitchFall	104	0	104	Regular	
	PercSeqSaw	104	11	82	Regular	
	PercSeqHipa	104	9	88	Regular	
	Attack	104	4	82	Regular	
	PWMPercussion	104	6	82	Regular	
	Nomad	104	1	105	Regular	
	ChorusSawLead	104	10	82	Regular	
	FaaatComp	104	4	52	Regular	
	FatSawHook	104	7	52	Regular	
	TechGlide	104	14	82	Regular	
	DanceChords	104	5	52	Regular	
	DanceHook	0	112	87	Regular	
	OctaveHook	0	113	87	Regular	
	HipaLead	0	118	85	Regular	
	PunchyHook	0	127	82	Regular	
	CryingLead	0	114	88	Regular	
	HipLead	0	113	81	Regular	
	HopLead	0	117	81	Regular	
	TechLead	0	117	85	Regular	
	Tekkline	0	116	85	Regular	
	SoftMini	0	124	81	Regular	
	TranceLead	0	121	81	Regular	
	FireWire	0	116	82	Regular	
	Analogon	0	115	82	Regular	
	Skyline	0	115	85	Regular	
	Perc&Drum	Vibraphone	0	122	12	Natural!
		TremoloVibes	0	124	12	Natural!
		Marimba	0	122	13	Natural!
		Celesta	0	122	9	Natural!
		SteelDrums	0	122	115	Natural!
		Glockenspiel	0	112	10	Regular
		Xylophone	0	112	14	Regular
		Suspense	0	114	12	Regular
		MusicBox	0	112	11	Regular
		TubularBells	0	112	15	Regular
		Vibraphone	0	112	12	Regular
JazzVibes		0	113	12	Regular	
Marimba		0	112	13	Regular	
Celesta		0	112	9	Regular	
SteelDrums		0	112	115	Regular	
Kalimba		0	112	109	Regular	
Dulcimer		0	112	16	Regular	
Timpani		0	112	48	Regular	
StackBell		104	8	89	Regular	
NiceBell		104	9	89	Regular	
AcousticKit		127	0	90	Live!Drums	
RockKit		127	0	91	Live!Drums	
PowerKit1		127	0	88	Live!Drums	
PowerKit2		127	0	89	Live!Drums	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Perc&Drum	BrushKit	127	0	41	Live!Drums
	AnalogT8Kit	127	0	59	Drums
	AnalogT9Kit	127	0	60	Drums
	BreakKit	127	0	58	Drums
	HipHopKit	127	0	57	Drums
	DanceKit	127	0	28	Drums
	StudioKit	127	0	87	Live!Drums
	JazzKit	127	0	33	Drums
	HitKit	127	0	5	Drums
	RoomKit	127	0	9	Drums
	ElectroKit	127	0	25	Drums
	AnalogKit	127	0	26	Drums
	SymphonyKit	127	0	49	Live!Drums
	TurkishKit	126	0	68	Live!SFX
	CubanKit	126	0	41	Live!SFX
	PopLatinKit	126	0	44	Live!SFX
	SFX Kit1	126	0	1	SFX Kit
SFX Kit2	126	0	2	SFX Kit	
OrganFlutes	ClassicJazz	0	126	17	OrganFlutes
	USD Smile	0	126	17	OrganFlutes
	ReggaeBars	0	126	17	OrganFlutes
	WarmTheatre	0	126	17	OrganFlutes
	OrganPops	0	126	17	OrganFlutes
	RockOrgan	0	126	17	OrganFlutes
	SoulPercussion	0	126	17	OrganFlutes
	GospelTruth	0	126	17	OrganFlutes
	PadOrgan	0	126	17	OrganFlutes
	FullOrgan	0	126	17	OrganFlutes
	StringBars	0	126	17	OrganFlutes
	LatinSpin	0	126	17	OrganFlutes
	ShadyBars	0	126	17	OrganFlutes
	FunkOrgan	0	126	17	OrganFlutes
	BalladOrgan	0	126	17	OrganFlutes
	RichBars	0	126	17	OrganFlutes
	TrumpetBars	0	126	17	OrganFlutes
SoulBars	0	126	17	OrganFlutes	
ClariBars	0	126	17	OrganFlutes	
JazzSquabble	0	126	17	OrganFlutes	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	BalladStack	0	114	3	Regular	
	MIDIGrand	0	112	3	Regular	
	HarpSichord	0	112	7	Live!	
E.Piano	JazzChorus	0	118	6	Regular	
	HyperTines	0	113	6	Regular	
	VenusEP	0	114	6	Regular	
	SuperDX	0	117	6	Regular	
	PolarisEP	0	115	5	Regular	
	DX Modern	0	112	6	Regular	
	NewTines	0	116	6	Regular	
	PhaseEP	0	120	5	Regular	
	ModernEP	0	115	6	Regular	
	FunkEP	0	112	5	Regular	
	ChorusBell	0	120	6	Regular	
	StereoClavi	0	114	8	Regular	
	Strings	SlowStrings	0	113	50	Regular
StringFalls		0	121	49	Live!	
AnalogStrings		0	112	52	Regular	
Strings		0	112	49	Regular	
OrchStrings		0	113	49	Regular	
Symphonic		0	114	49	Regular	
ConcertoStrings		0	115	49	Regular	
BowStrings		0	116	49	Regular	
TremoloStrings		0	112	45	Regular	
Pizzicato		0	112	46	Regular	
Orchestra		0	116	50	Live!	
Orch&Flute		0	119	50	Regular	
Orch&Oboe		0	121	50	Regular	
Orch&Horns		0	118	50	Regular	
Marcato		0	115	50	Regular	
StringQuartet		0	114	50	Regular	
Harp		0	112	47	Regular	
Hackbrett2		0	113	47	Regular	
Banjo2		0	112	106	Regular	
Sitar2		0	112	105	Regular	
Guitar&Bass		FolkGuitar	0	112	26	Regular
		MutedGuitar	0	112	29	Regular
		FunkGuitar	0	113	29	Regular
		SolidChord	0	121	28	Regular
	SolidGuitar	0	118	28	Regular	
	CampfireGtr	0	115	26	Regular	
	Electric12Str	0	119	28	Regular	
	DXJazzGuitar	0	117	27	Regular	
	SmoothLead	0	119	27	Regular	
	PowerChord	0	117	31	Regular	
	RockGuitar	0	116	30	Regular	
	VoodooLead	0	116	31	Regular	
	TremoloGuitar	0	113	28	Regular	
	WahGuitar	0	122	28	Regular	
	LeadGuitar	0	114	30	Regular	
	18String	0	119	26	Regular	
	ChorusGuitar	0	124	28	Regular	
	VintageTrem	0	120	28	Regular	
	DeepChorus	0	114	28	Regular	
	BrightClean	0	116	28	Regular	
	DistortionGtr	0	112	31	Regular	
	OverdriveGtr	0	112	30	Regular	
	FeedbackGtr	0	113	30	Regular	
	WarmSolid	104	2	28	Cool!	
	CleanSolid	104	3	28	Cool!	
	GuitarHero	104	0	31	Cool!	
	70'sSolidGtr	104	1	28	Cool!	
	HalfDrive	104	0	30	Cool!	
	HeavyRock	104	1	31	Cool!	
	ClickBass	0	115	39	Regular	
	PunchyBass	0	117	39	Regular	
	AnalogBass	0	112	40	Regular	
	DX FunkBass	0	113	38	Regular	
	DrySynthBass	0	116	40	Regular	
	80'sSynthBass	0	115	40	Regular	
	HiQBass	0	113	39	Regular	
	Saxophone	Saxophone	104	0	67	Sweet!
		GrowlSax	0	118	67	Regular
		SopranoSax	0	112	65	Regular
		AltoSax	0	112	66	Regular
		TenorSax	0	112	67	Regular
SaxStack		0	124	67	Regular	
WoodwindsEns		0	113	67	Regular	
SaxyMood		0	120	67	Regular	
Flute&Woodwind	EnglishHorn	0	112	70	Regular	
	Bassoon	0	112	71	Regular	
	Flute	0	112	74	Regular	
	Clarinet	0	112	72	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Flute&Woodwind	Oboe	0	112	69	Regular	
	PanFlute	0	113	74	Regular	
	EthnicFlute	0	112	76	Regular	
Organ	DanceOrgan	0	113	18	Regular	
	ClickOrgan	0	112	18	Regular	
	ReedOrgan	0	112	21	Regular	
	RotarySwitch	0	110	18	Cool!	
	RotaryDrive	0	116	19	Regular	
	FullRocker2	104	3	19	Cool!	
	GospelOrgan	0	119	17	Regular	
	PurpleOrgan	0	114	19	Regular	
	RockOrgan1	0	112	19	Regular	
	RockOrgan2	0	119	19	Regular	
	RockOrgan3	0	113	19	Regular	
	60'sOrgan	0	116	18	Regular	
	JazzOrgan1	0	112	17	Regular	
	JazzOrgan2	0	113	17	Regular	
	JazzOrgan3	0	120	17	Regular	
	DrawbarOrgan1	0	120	18	Regular	
	DrawbarOrgan2	0	115	17	Regular	
	BrightDraw	0	116	17	Regular	
	PercOrgan	0	119	18	Regular	
	ElectricOrgan	0	118	18	Regular	
	Tibia 8&4 Acmp	0	122	17	Regular	
	Tibia 16&4 Acmp	0	114	17	Regular	
	Tibia Full Acmp	0	114	18	Regular	
	Tibia 8 Acmp	0	122	18	Regular	
	Vox 8 Acmp	0	123	18	Regular	
	Vox&Tibia Acmp	0	125	17	Regular	
	Trumpet	MutedTrumpet	0	112	60	Regular
FlugelHorn		0	113	57	Regular	
SoloTrombone		0	112	58	Regular	
JazzTrumpet		0	116	57	Regular	
Trombone		0	116	58	Regular	
SoftTrombone		0	115	58	Regular	
SoloTrumpet		0	112	57	Regular	
MellowTrombone		0	114	58	Regular	
Tuba2		0	112	59	Regular	
Brass		SoftBrass	0	123	62	Regular
		Sforzando	0	125	62	Regular
		SmallBrass	0	117	62	Regular
		BrassSection	0	112	62	Regular
	HybridComp	0	119	63	Regular	
	NaturalBrass	0	124	62	Regular	
	BrightBrass	0	120	62	Regular	
	Hybrihorn	0	113	61	Regular	
	HighBrass	0	115	62	Regular	
	BigBandBrass	0	113	62	Regular	
	PopBrass	0	118	62	Regular	
	BrassCombo	0	115	67	Regular	
	BreathBrass	0	116	61	Regular	
	BigBrass	0	121	62	Regular	
	MellowBrass	0	116	62	Regular	
	Hybripad	0	114	61	Regular	
	FullHorns	0	114	62	Regular	
	SmoothTrombone	0	118	58	Regular	
	TrumpetEns	0	122	62	Regular	
	MellowHorns	0	119	62	Regular	
	BrassHit	0	126	62	Regular	
SynthBrass	0	112	63	Regular		
TbnSection	0	113	58	Regular		
Accordion	Accordion	0	116	22	Regular	
	SmallAccordion	0	115	22	Regular	
	ModernHarp	0	113	23	Regular	
	BluesHarp	0	114	23	Regular	
	BallroomAcc	0	112	24	Regular	
	SoftAccordion	0	114	22	Regular	
	TuttiAccordion	0	113	22	Regular	
	Musette	0	112	22	Regular	
Choir&Pad	Voices	0	113	55	Regular	
	Choir	0	112	53	Regular	
	AirChoir	0	112	55	Regular	
	VoxHumana	0	112	54	Regular	
	PsychoPad	0	118	102	Regular	
	FarEast	0	112	98	Regular	
	Disclosure	0	116	90	Regular	
	Mystery	0	113	98	Regular	
	Sirius	0	114	102	Regular	
	S&H Groove	0	115	102	Regular	
	VeloAshrami	0	116	102	Regular	
	EveningStars	0	117	102	Regular	
	AngelVibes	0	114	99	Regular	
	GlassPad	0	114	94	Regular	

CVP-509 (Legacy Voice)

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Choir&Pad	DX Pad	0	112	93	Regular	
	Symbiont	0	113	89	Regular	
	DarkMoon	0	113	90	Regular	
	Ionosphere	0	115	95	Regular	
	Millennium	0	117	89	Regular	
	Atmosphere	0	112	100	Regular	
	Equinox	0	112	95	Regular	
	Fantasia	0	112	89	Regular	
	Stargate	0	114	89	Regular	
	Area51	0	112	90	Regular	
	DigitalPad	0	115	94	Regular	
	Dunes	0	114	90	Regular	
	Messenger	0	116	96	Regular	
	Wave2001	0	112	96	Regular	
	XenonPad	0	112	92	Regular	
	Synth&FX	ProLead	0	113	84	Regular
		FunkyLead	0	121	82	Regular
Portatone		0	112	85	Regular	
Adrenaline		0	113	85	Regular	
Stardust		0	112	99	Regular	
AeroLead		0	112	84	Regular	
MiniLead		0	114	81	Regular	
SunBell		0	113	99	Regular	
HiBias		0	116	81	Regular	
VinylLead		0	115	81	Regular	
PanLead		0	122	81	Regular	
StringBells		0	124	89	Regular	
Padbells		0	126	89	Regular	
BigTune		0	118	90	Regular	
TrumpetSaw		0	125	82	Regular	
Paraglide		0	114	85	Regular	
Robolead		0	124	82	Regular	
Fargo		0	119	82	Regular	
BigLead		0	113	82	Regular	
Warp		0	117	82	Regular	
Impact		0	113	88	Regular	
UnderHeim		0	112	88	Regular	
CrystalEyes		0	125	89	Regular	
MelodyMaker		0	117	90	Regular	
AttackSaw		0	126	82	Regular	
PercSquare		0	123	81	Regular	
SquareLead		0	112	81	Regular	
SawLead		0	112	82	Regular	
PopLead		0	120	81	Regular	
BrightMini		0	125	81	Regular	
OrbitSine		0	126	81	Regular	
Blaster		0	114	82	Regular	
TinyLead		0	118	81	Regular	
Perc&Drum	StandardKit1	127	0	1	Live!Drums	
	StandardKit2	127	0	2	Live!Drums	
	RockKit	127	0	17	Drums	
	ArabicKit	126	0	36	SFX Kit	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano1	0	122	1	Natural!	
	GrandPiano2	0	122	2	Natural!	
	BrightPiano	0	123	1	Natural!	
	MellowPiano	0	124	1	Natural!	
	RockPiano	0	124	3	Natural!	
	PopGrand	104	6	1	Natural!	
	Oct.Piano1	0	123	4	Natural!	
	Oct.Piano2	0	124	4	Natural!	
	Harpsichord8'	0	122	7	Natural!	
	HonkyTonk	0	122	4	Natural!	
	GrandPiano	0	113	1	Live!	
	WarmGrand	0	114	1	Live!	
	BrightPiano	0	112	2	Live!	
	BalladStack	0	114	3	Regular	
	MIDIGrand	0	112	3	Regular	
	OctavePiano1	0	113	4	Live!	
	OctavePiano2	0	114	4	Live!	
	CP80	0	113	3	Regular	
	Harpsichord	8	32	113	S.Articulation!	
	HonkyTonk	0	112	4	Regular	
	Harpsichord	0	112	7	Live!	
	GrandHarpsi	0	113	7	Live!	
	Hc8'+4'	0	123	7	Natural!	
	Harpsi&Str	0	124	7	Natural!	
	Piano&Str	0	125	1	Natural!	
	Piano&EP	0	122	3	Natural!	
	E.Piano	SparkleStack	0	121	6	Cool!
		SweetDX	104	0	6	Cool!
		DX Dynamics	0	123	6	Cool!
		GalaxyEP	0	114	5	Cool!
		BalladDX	0	124	6	Cool!
		SuitcaseEP	0	118	5	Cool!
		E.Piano	0	122	5	Natural!
TremoloEP		0	124	5	Natural!	
FunkyEP		0	123	5	Natural!	
DX EP		0	122	6	Natural!	
ElectricPiano		0	119	5	Cool!	
TremoloEP		0	113	5	Cool!	
StageEP		0	117	5	Regular	
VintageEP		0	116	5	Regular	
HyperTines		0	113	6	Regular	
VenusEP		0	114	6	Regular	
SuperDX		0	117	6	Regular	
PolarisEP		0	115	5	Regular	
DX Modern		0	112	6	Regular	
NewTines		0	116	6	Regular	
SmoothTine		0	119	6	Regular	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
PhaseClavi		0	115	8	Regular	
Strings		ConcertStrings	8	32	50	S.Articulation!
		StudioStrings	8	32	49	S.Articulation!
		Spiccato	0	120	49	Regular
	Pizzicato	0	113	46	Live!	
	TremoloStrings	0	113	45	Regular	
	Violin	0	113	41	Sweet!	
	DiscoStrings1	0	123	50	Regular	
	DiscoStrings2	0	124	50	Regular	
	MovieStrings	0	123	49	Regular	
	Strings	0	117	50	Live!	
	Strings p	0	117	49	Regular	
	Strings mf	0	118	49	Regular	
	Strings f	0	119	49	Regular	
	DynamicStrings	0	124	49	Regular	
	TremoloBowing	8	34	49	S.Articulation!	
	Allegro	0	122	50	Live!	
	Tutti	0	120	50	Regular	
	OrchestraHit	0	112	56	Regular	
	Spiccato	8	33	49	S.Articulation!	
	Harp	0	112	47	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	OberStrings	0	113	52	Regular	
	ChamberStrings	0	112	50	Regular	
	Banjo	0	112	106	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	Sitar	104	0	105	Regular	
	Hackbrett	0	113	47	Regular	
	Fiddle	0	112	111	Regular	
	SoloViolin	0	112	41	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	

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Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Strings	Contrabass	0	112	44	Regular
	SmallStrings	8	0	49	MegaVoice
	LargeStrings	8	0	50	MegaVoice
Guitar&Bass	ConcertGuitar	8	32	1	S.Articulation!
	SteelGuitar	8	32	2	S.Articulation!
	FlamencoGtr	8	33	1	S.Articulation!
	12StringGtr	0	113	26	Live!
	PedalSteel	8	36	4	S.Articulation!
	WarmSolid	8	33	4	S.Articulation!
	CleanSolid	8	34	4	S.Articulation!
	GuitarHero	8	32	6	S.Articulation!
	70'sSolidGtr	8	38	4	S.Articulation!
	HeavyRock	8	32	5	S.Articulation!
	Mandolin	0	114	26	Sweet!
	NylonGuitar	8	34	1	S.Articulation!
	FolkGuitar	8	33	2	S.Articulation!
	DynamicNylon	0	116	25	Regular
	DynamicSteel	0	116	26	Live!
	HalfDrive	8	37	4	S.Articulation!
	VintageLead	0	125	28	Cool!
	BluesGuitar	0	117	30	Cool!
	WarmElectric	8	32	4	S.Articulation!
	CleanElectric	8	35	4	S.Articulation!
	SlideNylon	0	117	25	Regular
	SlideSteel	0	118	26	Live!
	SlideSolid	0	110	28	Cool!
	SlideClean	0	117	29	Cool!
	PedalSteel	0	115	28	Regular
	AlohaGuitar	0	118	27	Regular
	HardFlamenco	0	118	25	Regular
	JazzSoloGtr	0	116	27	Cool!
	ClassicalGtr	0	115	25	Regular
	SteelGuitar	0	117	26	Live!
	TremoloSolid	0	111	28	Cool!
	ChorusSolid	0	107	28	Cool!
	BalladSolid	0	109	28	Cool!
	DynamicMute	0	118	29	Cool!
	ElectricGtr	0	114	29	Cool!
	PowerLead	0	115	31	Cool!
	Feedbacker	8	33	5	S.Articulation!
	CleanGuitar	0	112	28	Cool!
	SlapSolid	0	108	28	Cool!
	FunkGuitar	0	116	29	Cool!
	JazzGuitar	0	115	27	Cool!
	VintageOpen	0	123	28	Regular
	VintageStrum	0	126	28	Regular
	VintageAmp	0	115	30	Regular
	VintageMutedGt	0	115	29	Regular
	NylonMute	0	119	25	Regular
	SteelMute	0	120	26	Live!
	HeavyStack	0	114	31	Regular
	CrunchGuitar	0	113	31	Regular
	MutedGuitar	0	119	29	Cool!
	OctaveGuitar	0	113	27	Regular
	NylonGuitar	8	0	1	MegaVoice
	SteelGuitar	8	0	2	MegaVoice
	12StringGtr	8	1	3	MegaVoice
	HiStringGtr	8	0	3	MegaVoice
SolidGuitar1	8	1	4	MegaVoice	
SolidGuitar2	8	2	4	MegaVoice	
CleanGuitar	8	0	4	MegaVoice	
OverdriveGtr	8	0	5	MegaVoice	
DistortionGtr	8	0	6	MegaVoice	
ElectricBass	0	114	34	Cool!	
AcousticBass	0	112	33	Regular	
DynoPickBass	0	113	35	Cool!	
FretlessBass	0	112	36	Cool!	
SlapBass	0	112	37	Regular	
MellowFinger	0	112	34	Regular	
RockBass	0	114	35	Regular	
SuperFretless	0	113	36	Regular	
PickBass	0	112	35	Regular	
FusionBass	0	113	37	Regular	
LoBass	104	0	40	Regular	
DarkBass	104	1	40	Regular	
MoonBass	104	0	39	Regular	
KickBass	104	1	39	Regular	
ClubBass	104	2	39	Regular	
FatPulse	104	2	40	Regular	
WazzoSaw	104	3	81	Regular	
DeepPoint	104	3	39	Regular	
TightBass	104	3	40	Regular	
Competitor	104	4	39	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Guitar&Bass	1o1Sub	104	5	39	Regular	
	LittleBassSynth	104	6	39	Regular	
	TeknoBass	104	7	39	Regular	
	PercPunch	104	8	39	Regular	
	SquareBass	104	4	40	Regular	
	TranceBass	104	9	39	Regular	
	SubCutBass	104	5	40	Regular	
	DynoAcidBass	104	10	39	Regular	
	MiniSub	104	6	40	Regular	
	FatSineRes	104	11	39	Regular	
	BalladBass	104	7	40	Regular	
	VeloMaster	104	17	82	Regular	
	SubBass	0	114	40	Regular	
	HardBass	0	114	39	Regular	
	ResoBass	0	112	39	Regular	
	HouseBass	0	116	39	Regular	
	BigDrone	0	118	39	Regular	
	FunkBass	0	112	38	Regular	
	TB Bass	0	117	40	Regular	
	Bass&Cymbal	0	114	33	Regular	
	AcousticBass	8	0	17	MegaVoice	
	ElectricBass	8	0	18	MegaVoice	
	PickBass	8	0	19	MegaVoice	
	FretlessBass	8	0	20	MegaVoice	
	Saxophone	Saxophone	8	32	83	S.Articulation!
		BigBandSax	8	35	83	S.Articulation!
		RockSax	8	33	83	S.Articulation!
		SopranoSax	0	113	65	Sweet!
		SaxSection	0	116	67	Live!
		PopTenor	0	127	67	Sweet!
		BalladTenor	0	126	67	Sweet!
		JazzTenor	0	125	67	Sweet!
		AltoSax	0	114	66	Sweet!
		TenorSax	0	117	67	Sweet!
GrowlSax		0	111	67	Sweet!	
SaxSectionSoft		0	121	67	Live!	
SaxSectionHard		0	122	67	Live!	
SaxAppeal		0	123	67	Live!	
BaritoneSax		0	112	68	Regular	
BigBandSaxes		0	110	67	Regular	
BigBandUnison		0	109	67	Regular	
BigBandOctave		0	108	67	Regular	
Moonlight		0	115	72	Regular	
BalladSection		0	119	67	Regular	
TenorSax		8	0	83	MegaVoice	
Flute&Woodwind		Flute	0	114	74	Sweet!
		Clarinet	0	114	72	Sweet!
	Oboe	0	113	69	Sweet!	
	EnglishHorn	0	112	70	Regular	
	Bassoon	0	112	71	Regular	
	PanFlute	0	113	76	Sweet!	
	ClassicalFlute	0	115	74	Sweet!	
	Piccolo	0	112	73	Regular	
	Whistle	0	112	79	Regular	
	Shakuhachi	0	112	78	Regular	
	Flute	0	112	74	Regular	
	Clarinet	0	112	72	Regular	
	Oboe	0	112	69	Regular	
	FluteEnsemble	0	116	74	Regular	
	Bagpipe	0	112	110	Regular	
	Recorder	0	112	75	Regular	
	Ocarina	0	112	80	Regular	
PanFlute	0	113	74	Regular		
EthnicFlute	0	112	76	Regular		
Organ	PipeOrganP	0	123	20	Natural!	
	PipeOrgTu	0	122	20	Natural!	
	JazzRotary	8	32	114	S.Articulation!	
	CurvedBars	0	121	17	Cool!	
	EvenBars	0	111	17	Cool!	
	VintageFast	0	127	17	Cool!	
	JazzOrgan	0	117	17	Cool!	
	RockRotary	8	33	114	S.Articulation!	
	RotorOrgan	0	117	19	Cool!	
	FullRocker	0	115	19	Cool!	
	Hold It Fast	0	111	18	Cool!	
	R&B Tremolo	0	111	19	Cool!	
	Organ	0	118	19	Cool!	
	JazzSlow	0	126	18	Cool!	
	JazzFast	0	127	18	Cool!	
OrganAccomp1	0	108	18	Regular		
OrganAccomp2	0	107	18	Regular		
OrganAccomp3	0	106	18	Regular		
OrganAccomp4	0	105	18	Regular		

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Organ	OrganAccomp5	0	104	18	Regular	
	TwoChannels	0	109	18	Cool!	
	EuroOrgan	0	118	17	Regular	
	MellowDraw	0	115	18	Regular	
	Tibia 16&4 Acmp	0	114	17	Regular	
	Tibia Full Acmp	0	114	18	Regular	
	PipeOrgan	0	112	20	Regular	
	ChapelOrgan1	0	113	20	Regular	
	ChapelOrgan2	0	114	20	Regular	
	ChapelOrgan3	0	115	20	Regular	
	FullTheatre	0	127	19	Regular	
	SweetTheatre	0	126	19	Regular	
	BallroomOrgan	0	115	4	Regular	
	Trumpet	Trumpet	8	32	65	S.Articulation!
SilverTrumpet		8	33	65	S.Articulation!	
GoldenTrumpet		8	34	65	S.Articulation!	
BigBandTrumpet		8	37	65	S.Articulation!	
TrumpetFall		8	38	65	S.Articulation!	
Cornet		0	119	57	Sweet!	
FlugelHorn		0	118	57	Sweet!	
MutedTrumpet		0	114	60	Sweet!	
Trumpet		0	115	57	Sweet!	
Trombone		0	117	58	Sweet!	
TrumpetShake		8	35	65	S.Articulation!	
GoldenTrumpet		0	122	57	Sweet!	
SilverTrumpet		0	121	57	Sweet!	
MellowTrumpet		0	120	57	Sweet!	
BaritoneHorn		0	113	59	Regular	
BaritoneHit		0	114	59	Regular	
AlpBass		0	113	34	Regular	
Tuba		0	112	59	Regular	
Trumpet		8	0	65	MegaVoice	
Brass		BigBandBrass	8	37	57	S.Articulation!
		SmoothBrass	8	36	57	S.Articulation!
	DynamicBrass	0	127	62	Regular	
	PowerBrass	0	121	63	Regular	
	AccentBrass	0	109	62	Regular	
	FrenchHorns	0	112	61	Live!	
	SymphonyBrass	0	119	61	Regular	
	Brass p	0	111	62	Regular	
	Brass mf	0	110	62	Regular	
	Brass f	0	108	62	Regular	
	BrassFalls f	8	34	57	S.Articulation!	
	BrassFalls mf	8	35	57	S.Articulation!	
	BrassBand	0	123	57	Regular	
	SoftHorns	0	117	61	Regular	
	SoftTrombones	0	118	61	Regular	
	BrassShake	8	32	57	S.Articulation!	
	AccentFalls	8	38	57	S.Articulation!	
	Storzando	0	105	62	Regular	
	StorzandoFall	0	107	62	Regular	
	SymphonyHorns	0	115	61	Live!	
	BrassDynamics	0	106	62	Regular	
	PopBrass	0	117	63	Live!	
	HyperBrass	0	118	63	Live!	
	SmallBrass	0	120	61	Live!	
	OctaveBrass	0	116	63	Live!	
	ThinthBrass	104	0	63	Regular	
	BrassProfit	104	1	63	Regular	
	SlowPWMBrass	104	2	63	Regular	
	FastPWMBrass	104	6	63	Regular	
	OberBrass	0	113	64	Regular	
	SoftVeloBrass	0	120	63	Regular	
	80'sBrass	0	113	63	Regular	
	AnalogBrass	0	112	64	Regular	
	SoftAnalog	0	114	64	Regular	
	FunkyAnalog	0	115	63	Regular	
	TechnoBrass	0	114	63	Regular	
	OberHorns	0	115	64	Regular	
	FatSynthBrass	0	116	64	Regular	
	BallroomBrass	0	113	60	Regular	
	Brass	8	0	57	MegaVoice	
	Accordion	FrenchMusette	0	119	22	Regular
		MasterAccord	0	118	22	Regular
		JazzAccordion	0	120	22	Regular
		TangoAccordion	0	114	24	Regular
		Steirisch	0	117	22	Regular
		Harmonica	0	112	23	Sweet!
ModernHarp		0	113	23	Regular	
BluesHarp		0	114	23	Regular	
Bandoneon		0	113	24	Regular	
Musette		0	112	22	Regular	
MasterBass		0	122	22	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Accordion	MusetteBass	0	123	22	Regular
	AccordionBass	0	121	22	Regular
	TangoBass	0	115	24	Regular
	Choir&Pad	GospelVoices	0	116	53
Choir&Pad	Humming	0	118	53	Live!
	HahChoir	0	114	53	Regular
	SweetHeaven	0	118	89	Regular
	DreamHeaven	0	121	89	Regular
	Mmh	0	117	53	Live!
	GothicVox	0	113	54	Regular
	BellHeaven	0	119	89	Regular
	PanHeaven	0	120	89	Regular
	ProHeaven	0	122	89	Regular
	CrossPhase	104	1	102	Regular
	GalaxyPad	104	3	89	Regular
	NightMotion	104	4	89	Regular
	MorningDew	104	0	95	Regular
	Aerosphere	104	1	95	Regular
	NewAtmosphere	104	4	90	Regular
	VPSOft	104	0	90	Regular
	HotSwell	104	2	96	Regular
	DarkFatSaw	104	2	90	Regular
	VaporPad	104	1	90	Regular
	SpaceRider	104	1	96	Regular
	PearlsPad	104	2	89	Regular
	BreathPad	104	0	92	Regular
	NobleMan	104	1	89	Regular
	DouxFlange	104	3	96	Regular
	LightPad	104	2	52	Regular
	ButterStrings	104	2	51	Regular
	MediumTunePad	104	0	51	Regular
	NylonPad	104	0	100	Regular
	DarkLight	104	3	90	Regular
	AnaDayz	104	3	52	Regular
	BrightPadTrance	104	4	91	Regular
	OctStrings	104	4	51	Regular
	ChillinChords	104	6	52	Regular
	BrightPopPad	104	3	51	Regular
	PremiumPad	104	0	52	Regular
	SoftEnsemble	104	1	51	Regular
	80'sPad	104	1	52	Regular
	BrightPadClassic	104	3	91	Regular
	AmbientPad	104	0	89	Regular
	BrightFatSaw	104	5	91	Regular
	TranceMW	104	0	96	Regular
	EarlyDigital	104	0	94	Regular
	Bellsphere	104	5	89	Regular
	SixthSense	104	2	102	Regular
	PercPad	104	0	102	Regular
	SuperDarkPad	0	119	90	Regular
	AnalogPad	0	120	90	Regular
	DarkAngelPad	0	121	90	Regular
	LitePad	0	122	90	Regular
PopPad	0	112	91	Regular	
GloriousPhase	0	114	91	Regular	
AnalogSwell	0	119	96	Regular	
Skydiver	0	112	102	Regular	
HipaStrings	0	114	96	Regular	
BrightSawPad	0	113	91	Regular	
BigOctavePad	0	115	91	Regular	
GoldenAge	0	115	89	Regular	
Solaris	0	114	95	Regular	
Insomnia	0	113	95	Regular	
Mediterrain	0	114	100	Regular	
OberSweep	0	115	96	Regular	
TimeTravel	0	116	89	Regular	
Bubblespace	0	113	102	Regular	
MagicBell	8	32	121	S.Articulation!	
MellowPad	0	117	96	Regular	
NeoWarmPad	0	115	90	Regular	
CyberPad	0	113	100	Regular	
BrightOber	0	113	96	Regular	
DarkPad	0	118	96	Regular	
Synth&FX	ClubLead	104	3	63	Regular
	HPFDance	104	0	91	Regular
	DetunedSawOct	104	8	82	Regular
	DancyHook	104	9	82	Regular
	VinlogSaw	104	3	82	Regular
	TalkModLead	104	0	88	Regular
	SubLead	104	0	81	Regular
	SoftSaw	104	16	82	Regular
	FusionLead	104	15	82	Regular
	BleepLead	104	0	85	Regular

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth&FX	Oxygen	0	122	82	Regular	
	Matrix	0	123	82	Regular	
	WireLead	0	120	82	Regular	
	SoftR&B	0	119	81	Regular	
	EarlyLead	0	118	82	Regular	
	LektroCodes	104	2	85	Regular	
	SimpleComp	104	12	82	Regular	
	BalladComp	104	6	89	Regular	
	HeavenBell	104	0	101	Regular	
	BrightPadBell	104	7	89	Regular	
	SoftSquare	104	5	81	Regular	
	WildPWM	104	4	81	Regular	
	DetunedVintage	104	1	85	Regular	
	PWMLead	104	1	82	Regular	
	BrassyLead	104	5	63	Regular	
	PunchLead	104	7	82	Regular	
	FlangeFilter	104	2	82	Regular	
	MouthLead	104	0	82	Regular	
	ResonantClavi	104	2	91	Regular	
	ResonanceComp	104	4	63	Regular	
	TrancePerc	104	5	82	Regular	
	Chordmaster	104	13	82	Regular	
	DigitalSeq	104	2	88	Regular	
	AnalogSeq	104	3	88	Regular	
	TranceSeq1	104	4	88	Regular	
	TranceSeq2	104	5	88	Regular	
	TranceSeq3	104	1	91	Regular	
	PercSeqFS	104	6	88	Regular	
	PercSeqFM1	104	7	88	Regular	
	PercSeqFM2	104	8	88	Regular	
	SynthSticks	104	0	107	Regular	
	SazFeeze	104	0	98	Regular	
	EasternAir	104	1	98	Regular	
	Xtune	104	1	88	Regular	
	PitchFall	104	0	104	Regular	
	PercSeqSaw	104	11	82	Regular	
	PercSeqHipa	104	9	88	Regular	
	Attack	104	4	82	Regular	
	PWMPercussion	104	6	82	Regular	
	Nomad	104	1	105	Regular	
	ChorusSawLead	104	10	82	Regular	
	FaaatComp	104	4	52	Regular	
	FatSawHook	104	7	52	Regular	
	TechGlide	104	14	82	Regular	
	DanceChords	104	5	52	Regular	
	DanceHook	0	112	87	Regular	
	OctaveHook	0	113	87	Regular	
	HipaLead	0	118	85	Regular	
	PunchyHook	0	127	82	Regular	
	CryingLead	0	114	88	Regular	
	HipLead	0	113	81	Regular	
	HopLead	0	117	81	Regular	
	TechLead	0	117	85	Regular	
	Tekkline	0	116	85	Regular	
	SoftMini	0	124	81	Regular	
	TranceLead	0	121	81	Regular	
	FireWire	0	116	82	Regular	
	Analogon	0	115	82	Regular	
	Skyline	0	115	85	Regular	
	OrbitSine	0	126	81	Regular	
	Perc&Drum	Vibraphone	0	122	12	Natural!
		TremoloVibes	0	124	12	Natural!
		Suspense	0	114	12	Regular
		Marimba	0	112	13	Regular
		SteelDrums	0	112	115	Regular
		Glockenspiel	0	112	10	Regular
		Xylophone	0	112	14	Regular
		Celesta	0	112	9	Regular
		MusicBox	0	112	11	Regular
		TubularBells	0	112	15	Regular
		Vibraphone	0	112	12	Regular
JazzVibes		0	113	12	Regular	
Kalimba		0	112	109	Regular	
Dulcimer		0	112	16	Regular	
Timpani		0	112	48	Regular	
StackBell		104	8	89	Regular	
NiceBell		104	9	89	Regular	
PowerKit1		127	0	88	Drums	
PowerKit2		127	0	89	Drums	
BrushKit		127	0	41	Drums	
StandardKit1		127	0	1	Drums	
StandardKit2		127	0	2	Drums	
AnalogTBKit		127	0	59	Drums	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Perc&Drum	AnalogT9Kit	127	0	60	Drums	
	BreakKit	127	0	58	Drums	
	HipHopKit	127	0	57	Drums	
	DanceKit	127	0	28	Drums	
	StudioKit	127	0	87	Drums	
	HitKit	127	0	5	Drums	
	SymphonyKit	127	0	49	Drums	
	RockKit	127	0	17	Drums	
	JazzKit	127	0	33	Drums	
	PopLatinKit	126	0	44	SFX Kit	
	CubanKit	126	0	41	SFX Kit	
	ArabicKit	126	0	36	SFX Kit	
	RoomKit	127	0	9	Drums	
	ElectroKit	127	0	25	Drums	
	AnalogKit	127	0	26	Drums	
	SFX Kit1	126	0	1	SFX Kit	
	SFX Kit2	126	0	2	SFX Kit	
	OrganFlutes	JazzDraw!	0	126	17	OrganFlutes
		BluesOrgan!	0	126	17	OrganFlutes
		SixteenOne!	0	126	17	OrganFlutes
		EvenBars!	0	126	17	OrganFlutes
		PopOrgan!	0	126	17	OrganFlutes
RockingOrg!		0	126	17	OrganFlutes	
Percussive!		0	126	17	OrganFlutes	
GospelOrg!		0	126	17	OrganFlutes	
PadOrgan!		0	126	17	OrganFlutes	
FullRanks!		0	126	17	OrganFlutes	

CVP-505 (Legacy Voice)

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
E.Piano	JazzChorus	0	118	6	Regular	
	PhaseEP	0	120	5	Regular	
	ModernEP	0	115	6	Regular	
	FunkEP	0	112	5	Regular	
	ChorusBell	0	120	6	Regular	
	StereoClavi	0	114	8	Regular	
Strings	SlowStrings	0	113	50	Regular	
	StringFalls	0	121	49	Regular	
	AnalogStrings	0	112	52	Regular	
	Strings	0	112	49	Regular	
	OrchStrings	0	113	49	Regular	
	Symphonic	0	114	49	Regular	
	ConcertoStrings	0	115	49	Regular	
	BowStrings	0	116	49	Regular	
	TremoloStrings	0	112	45	Regular	
	Pizzicato	0	112	46	Regular	
	Orchestra	0	116	50	Live!	
	Orch&Flute	0	119	50	Regular	
	Orch&Oboe	0	121	50	Regular	
	Orch&Horns	0	118	50	Regular	
	Marcato	0	115	50	Regular	
	StringQuartet	0	114	50	Regular	
	Sitar2	0	112	105	Regular	
	Guitar&Bass	60'sClean	0	117	28	Regular
		FolkGuitar	0	112	26	Regular
		MutedGuitar	0	112	29	Regular
		FunkGuitar	0	113	29	Regular
SolidChord		0	121	28	Regular	
SolidGuitar		0	118	28	Regular	
CampfireGtr		0	115	26	Regular	
Electric12Str		0	119	28	Regular	
DXJazzGuitar		0	117	27	Regular	
SmoothLead		0	119	27	Regular	
PowerChord		0	117	31	Regular	
RockGuitar		0	116	30	Regular	
VoodooLead		0	116	31	Regular	
TremoloGuitar		0	113	28	Regular	
WahGuitar		0	122	28	Regular	
LeadGuitar		0	114	30	Regular	
18String		0	119	26	Regular	
ChorusGuitar		0	124	28	Regular	
VintageTrem		0	120	28	Regular	
DeepChorus		0	114	28	Regular	
BrightClean		0	116	28	Regular	
DistortionGtr		0	112	31	Regular	
OverdriveGtr		0	112	30	Regular	
FeedbackGtr		0	113	30	Regular	
WarmSolid		104	2	28	Cool!	
CleanSolid		104	3	28	Cool!	
GuitarHero		104	0	31	Cool!	
70'sSolidGtr		104	1	28	Cool!	
HalfDrive		104	0	30	Cool!	
HeavyRock		104	1	31	Cool!	
ClickBass		0	115	39	Regular	
PunchyBass		0	117	39	Regular	
AnalogBass		0	112	40	Regular	
DX FunkBass		0	113	38	Regular	
DrySynthBass		0	116	40	Regular	
80'sSynthBass		0	115	40	Regular	
HiQBass		0	113	39	Regular	
Saxophone		Saxophone	104	0	67	Sweet!
		GrowlSax	0	118	67	Regular
		SopranoSax	0	112	65	Regular
		AltoSax	0	112	66	Regular
		TenorSax	0	112	67	Regular
		SaxStack	0	124	67	Regular
		WoodwindsEns	0	113	67	Regular
SaxyMood	0	120	67	Regular		
Organ	DanceOrgan	0	113	18	Regular	
	ClickOrgan	0	112	18	Regular	
	ReedOrgan	0	112	21	Regular	
	RotarySwitch	0	110	18	Cool!	
	RotaryDrive	0	116	19	Regular	
	GospelOrgan	0	119	17	Regular	
	PurpleOrgan	0	114	19	Regular	
	RockOrgan1	0	112	19	Regular	
	RockOrgan2	0	119	19	Regular	
	RockOrgan3	0	113	19	Regular	
	60'sOrgan	0	116	18	Regular	
	JazzOrgan1	0	112	17	Regular	
	JazzOrgan2	0	113	17	Regular	
	JazzOrgan3	0	120	17	Regular	
	DrawbarOrgan1	0	120	18	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Organ	DrawbarOrgan2	0	115	17	Regular	
	BrightDraw	0	116	17	Regular	
	PercOrgan	0	119	18	Regular	
	ElectricOrgan	0	118	18	Regular	
	MutedTrumpet	0	112	60	Regular	
Trumpet	FlugelHorn	0	113	57	Regular	
	SoloTrombone	0	112	58	Regular	
	JazzTrumpet	0	116	57	Regular	
	Trombone	0	116	58	Regular	
	SoftTrombone	0	115	58	Regular	
	SoloTrumpet	0	112	57	Regular	
	MellowTrombone	0	114	58	Regular	
	Brass	SoftBrass	0	123	62	Regular
		Sforzando	0	125	62	Regular
		SmallBrass	0	117	62	Regular
BrassSection		0	112	62	Regular	
HybridComp		0	119	63	Regular	
NaturalBrass		0	124	62	Regular	
BrightBrass		0	120	62	Regular	
Hybrihorn		0	113	61	Regular	
HighBrass		0	115	62	Regular	
BigBandBrass		0	113	62	Regular	
PopBrass		0	118	62	Regular	
BrassCombo		0	115	67	Regular	
BreathBrass		0	116	61	Regular	
BigBrass		0	121	62	Regular	
MellowBrass		0	116	62	Regular	
Hybripad		0	114	61	Regular	
FullHorns		0	114	62	Regular	
SmoothTrombone		0	118	58	Regular	
TrumpetEns		0	122	62	Regular	
MellowHorns		0	119	62	Regular	
BrassHit		0	126	62	Regular	
SynthBrass		0	112	63	Regular	
TbnSection		0	113	58	Regular	
Accordion	Accordion	0	116	22	Regular	
	SmallAccordion	0	115	22	Regular	
	BallroomAcc	0	112	24	Regular	
	SoftAccordion	0	114	22	Regular	
	TuttiAccordion	0	113	22	Regular	
	Choir&Pad	Sunbeam	0	123	89	Regular
UuhChoir		0	115	53	Regular	
HahPad		0	116	95	Regular	
Voices		0	113	55	Regular	
Choir		0	112	53	Regular	
AirChoir		0	112	55	Regular	
VoxHumana		0	112	54	Regular	
PsychoPad		0	118	102	Regular	
FarEast		0	112	98	Regular	
Disclosure		0	116	90	Regular	
Mystery		0	113	98	Regular	
Sirius		0	114	102	Regular	
S&H Groove		0	115	102	Regular	
VeloAshrami		0	116	102	Regular	
EveningStars		0	117	102	Regular	
AngelVibes		0	114	99	Regular	
GlassPad		0	114	94	Regular	
DX Pad		0	112	93	Regular	
Symbiont		0	113	89	Regular	
DarkMoon		0	113	90	Regular	
Ionosphere		0	115	95	Regular	
Millennium		0	117	89	Regular	
Atmosphere		0	112	100	Regular	
Equinox		0	112	95	Regular	
Fantasia		0	112	89	Regular	
Stargate		0	114	89	Regular	
Area51		0	112	90	Regular	
DigitalPad		0	115	94	Regular	
Dunes		0	114	90	Regular	
Messenger		0	116	96	Regular	
Wave2001		0	112	96	Regular	
XenonPad		0	112	92	Regular	
Synth&FX		Adrenaline	0	113	85	Regular
		ProLead	0	113	84	Regular
		FunkyLead	0	121	82	Regular
		Portatone	0	112	85	Regular
	Stardust	0	112	99	Regular	
	AeroLead	0	112	84	Regular	
	MiniLead	0	114	81	Regular	
	SunBell	0	113	99	Regular	
	HiBias	0	116	81	Regular	
	VinylLead	0	115	81	Regular	
	PanLead	0	122	81	Regular	

CVP-505 (Legacy Voice)

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Synth&FX	StringBells	0	124	89	Regular
	Padbells	0	126	89	Regular
	BigTune	0	118	90	Regular
	TrumpetSaw	0	125	82	Regular
	Paraglide	0	114	85	Regular
	Robolead	0	124	82	Regular
	Fargo	0	119	82	Regular
	BigLead	0	113	82	Regular
	Warp	0	117	82	Regular
	Impact	0	113	88	Regular
	UnderHeim	0	112	88	Regular
	CrystalEyes	0	125	89	Regular
	MelodyMaker	0	117	90	Regular
	AttackSaw	0	126	82	Regular
	PercSquare	0	123	81	Regular
	SquareLead	0	112	81	Regular
	SawLead	0	112	82	Regular
	PopLead	0	120	81	Regular
	BrightMini	0	125	81	Regular
	Blaster	0	114	82	Regular
	TinyLead	0	118	81	Regular

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano1	0	122	1	Natural!	
	GrandPiano2	0	122	2	Natural!	
	BrightPiano	0	123	1	Natural!	
	MellowPiano	0	124	1	Natural!	
	RockPiano	0	124	3	Natural!	
	PopGrand	104	6	1	Natural!	
	Oct.Piano1	0	123	4	Natural!	
	Oct.Piano2	0	124	4	Natural!	
	Harpsichord8'	0	122	7	Natural!	
	HonkyTonk	0	122	4	Natural!	
	GrandPiano	0	113	1	Live!	
	BrightPiano	0	112	2	Live!	
	Harpsichord	0	112	7	Regular	
	GrandHarpsi	0	113	7	Regular	
	HonkyTonk	0	112	4	Regular	
	OctavePiano1	0	113	4	Regular	
	OctavePiano2	0	114	4	Regular	
	WarmGrand	0	114	1	Live!	
	MIDIGrand	0	112	3	Regular	
	CP80	0	113	3	Regular	
	Piano&Str	0	125	1	Natural!	
	Piano&EP	0	122	3	Natural!	
	Hc8'+4'	0	123	7	Natural!	
	Harpsi&Str	0	124	7	Natural!	
	E.Piano	SparkleStack	0	121	6	Cool!
		GalaxyEP	0	114	5	Cool!
		SuitcaseEP	0	118	5	Cool!
		PolarisEP	0	115	5	Regular
		JazzChorus	0	118	6	Regular
		DX EP	0	122	6	Natural!
		E.Piano	0	122	5	Natural!
		TremoloEP	0	124	5	Natural!
		FunkyEP	0	123	5	Natural!
		HyperTines	0	113	6	Regular
		ElectricPiano	0	119	5	Cool!
PhaseEP		0	120	5	Regular	
NewTines		0	116	6	Regular	
FunkEP		0	112	5	Regular	
DX Modern		0	112	6	Regular	
VintageEP		0	116	5	Regular	
VenusEP		0	114	6	Regular	
ModernEP		0	115	6	Regular	
TremoloEP		0	113	5	Cool!	
SuperDX		0	117	6	Regular	
StageEP		0	117	5	Regular	
StereoClavi		0	114	8	Regular	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
Strings		Strings	0	117	50	Live!
		Allegro	0	122	50	Live!
		Orchestra	0	116	50	Live!
	Symphonic	0	114	49	Regular	
	Strings	0	112	49	Regular	
	Violin	0	113	41	Sweet!	
	Orch&Horns	0	118	50	Regular	
	Orch&Flute	0	119	50	Regular	
	Orch&Oboe	0	121	50	Regular	
	Tutti	0	120	50	Regular	
	OrchStrings	0	113	49	Regular	
	StringQuartet	0	114	50	Regular	
	ConcertoStrings	0	115	49	Regular	
	AnalogStrings	0	112	52	Regular	
	ChamberStrings	0	112	50	Regular	
	BowStrings	0	116	49	Regular	
	SlowStrings	0	113	50	Regular	
	TremoloStrings	0	112	45	Regular	
	Marcato	0	115	50	Regular	
	Pizzicato	0	112	46	Regular	
	Banjo	0	112	106	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	Sitar	0	112	105	Regular	
	Hackbrett	0	113	47	Regular	
	SynthStrings1	0	112	51	Regular	
	SynthStrings2	0	113	51	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	SoloViolin	0	112	41	Regular	
	Fiddle	0	112	111	Regular	
	Harp	0	112	47	Regular	
OrchestraHit	0	112	56	Regular		

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Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Guitar&Bass	ClassicalGtr	0	115	25	Regular
	SteelGuitar	0	117	26	Live!
	HardFlamenco	0	118	25	Regular
	WarmSolid	104	2	28	Cool!
	CleanSolid	104	3	28	Cool!
	GuitarHero	104	0	31	Cool!
	70'sSolidGtr	104	1	28	Cool!
	HalfDrive	104	0	30	Cool!
	HeavyRock	104	1	31	Cool!
	JazzGuitar	0	115	27	Cool!
	SlideNylon	0	117	25	Regular
	SlideSteel	0	118	26	Live!
	SlideSolid	0	110	28	Cool!
	SlideClean	0	117	29	Cool!
	Mandolin	0	114	26	Sweet!
	PowerLead	0	115	31	Cool!
	VintageLead	0	125	28	Cool!
	VintageAmp	0	115	30	Regular
	BluesGuitar	0	117	30	Cool!
	SlapSolid	0	108	28	Cool!
	DynamicNylon	0	116	25	Regular
	DynamicSteel	0	116	26	Live!
	12StringGtr	0	113	26	Live!
	PedalSteel	0	115	28	Regular
	AlohaGuitar	0	118	27	Regular
	ChorusSolid	0	107	28	Cool!
	BalladSolid	0	109	28	Cool!
	TremoloSolid	0	111	28	Cool!
	ElectricGtr	0	114	29	Cool!
	SolidChord	0	121	28	Regular
	NylonMute	0	119	25	Regular
	SteelMute	0	120	26	Live!
	DynamicMute	0	118	29	Cool!
	VintageMutedGtr	0	115	29	Regular
	MutedGuitar	0	119	29	Cool!
	HeavyStack	0	114	31	Regular
	CrunchGuitar	0	113	31	Regular
	PowerChord	0	117	31	Regular
	RockGuitar	0	116	30	Regular
	VoodooLead	0	116	31	Regular
	SmoothLead	0	119	27	Regular
	CleanGuitar	0	112	28	Cool!
	FunkGuitar	0	116	29	Cool!
	SolidGuitar	0	118	28	Regular
	VintageOpen	0	123	28	Regular
	VintageStrum	0	126	28	Regular
	60'sClean	0	117	28	Regular
	TremoloGuitar	0	113	28	Regular
WahGuitar	0	122	28	Regular	
LeadGuitar	0	114	30	Regular	
Electric12Str	0	119	28	Regular	
18String	0	119	26	Regular	
ChorusGuitar	0	124	28	Regular	
DeepChorus	0	114	28	Regular	
DistortionGtr	0	112	31	Regular	
FunkGuitar	0	113	29	Regular	
OverdriveGtr	0	112	30	Regular	
FeedbackGtr	0	113	30	Regular	
VintageTrem	0	120	28	Regular	
CampfireGtr	0	115	26	Regular	
FolkGuitar	0	112	26	Regular	
OctaveGuitar	0	113	27	Regular	
BrightClean	0	116	28	Regular	
MutedGuitar	0	112	29	Regular	
SteelGuitar	8	0	2	MegaVoice	
12StringGtr	8	1	3	MegaVoice	
HiStringGtr	8	0	3	MegaVoice	
CleanGuitar	8	0	4	MegaVoice	
NylonGuitar	8	0	1	MegaVoice	
SolidGuitar1	8	1	4	MegaVoice	
SolidGuitar2	8	2	4	MegaVoice	
OverdriveGtr	8	0	5	MegaVoice	
DistortionGtr	8	0	6	MegaVoice	
DynoPickBass	0	113	35	Cool!	
ElectricBass	0	114	34	Cool!	
AcousticBass	0	112	33	Regular	
FretlessBass	0	112	36	Cool!	
SlapBass	0	112	37	Regular	
RockBass	0	114	35	Regular	
PunchyBass	0	117	39	Regular	
TB Bass	0	117	40	Regular	
AnalogBass	0	112	40	Regular	
SubBass	0	114	40	Regular	
HardBass	0	114	39	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Guitar&Bass	ResoBass	0	112	39	Regular
	MellowFinger	0	112	34	Regular
	Bass&Cymbal	0	114	33	Regular
	SuperFretless	0	113	36	Regular
	PickBass	0	112	35	Regular
	FusionBass	0	113	37	Regular
	DrySynthBass	0	116	40	Regular
	80'sSynthBass	0	115	40	Regular
	HiQBass	0	113	39	Regular
	ClickBass	0	115	39	Regular
	FunkBass	0	112	38	Regular
	AcousticBass	8	0	17	MegaVoice
	ElectricBass	8	0	18	MegaVoice
	PickBass	8	0	19	MegaVoice
	FretlessBass	8	0	20	MegaVoice
	Saxophone	Saxophone	104	0	67
PopTenor		0	127	67	Sweet!
BalladTenor		0	126	67	Sweet!
JazzTenor		0	125	67	Sweet!
SaxSection		0	116	67	Live!
SopranoSax		0	113	65	Sweet!
AltoSax		0	114	66	Sweet!
TenorSax		0	117	67	Sweet!
GrowlSax		0	111	67	Sweet!
SaxAppeal		0	123	67	Live!
SaxSectionSoft		0	121	67	Live!
SaxSectionHard		0	122	67	Live!
BalladSection		0	119	67	Regular
SaxyMood		0	120	67	Regular
Moonlight		0	115	72	Regular
GrowlSax		0	118	67	Regular
SopranoSax		0	112	65	Regular
AltoSax	0	112	66	Regular	
TenorSax	0	112	67	Regular	
BaritoneSax	0	112	68	Regular	
WoodwindsEns	0	113	67	Regular	
TenorSax	8	0	83	MegaVoice	
Flute&Woodwind	Flute	0	114	74	Sweet!
	Clarinet	0	114	72	Sweet!
	Oboe	0	113	69	Sweet!
	EnglishHorn	0	112	70	Regular
	Bassoon	0	112	71	Regular
	PanFlute	0	113	76	Sweet!
	ClassicalFlute	0	115	74	Sweet!
	Piccolo	0	112	73	Regular
	Whistle	0	112	79	Regular
	Shakuhachi	0	112	78	Regular
	Flute	0	112	74	Regular
	Clarinet	0	112	72	Regular
	Oboe	0	112	69	Regular
	FluteEnsemble	0	116	74	Regular
	Bagpipe	0	112	110	Regular
	Recorder	0	112	75	Regular
	Ocarina	0	112	80	Regular
	PanFlute	0	113	74	Regular
	EthnicFlute	0	112	76	Regular
Organ	PipeOrganP	0	123	20	Natural!
	PipeOrgTu	0	122	20	Natural!
	Organ	0	118	19	Cool!
	JazzOrgan	0	117	17	Cool!
	RotorOrgan	0	117	19	Cool!
	FullRocker	0	115	19	Cool!
	EuroOrgan	0	118	17	Regular
	RotaryDrive	0	116	19	Regular
	RockOrgan1	0	112	19	Regular
	GospelOrgan	0	119	17	Regular
	JazzOrgan1	0	112	17	Regular
	JazzOrgan2	0	113	17	Regular
	JazzOrgan3	0	120	17	Regular
	DanceOrgan	0	113	18	Regular
	PurpleOrgan	0	114	19	Regular
	MellowDraw	0	115	18	Regular
	BrightDraw	0	116	17	Regular
	60'sOrgan	0	116	18	Regular
	ElectricOrgan	0	118	18	Regular
	ClickOrgan	0	112	18	Regular
	ChapelOrgan1	0	113	20	Regular
	ChapelOrgan2	0	114	20	Regular
	ChapelOrgan3	0	115	20	Regular
	PipeOrgan	0	112	20	Regular
ReedOrgan	0	112	21	Regular	
Tibia 16&4 Acmp	0	114	17	Regular	
Tibia Full Acmp	0	114	18	Regular	
DrawbarOrgan	0	115	17	Regular	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	0	122	1	Natural!	
	Harpisichord8'	0	122	7	Natural!	
	Hc8'+4'	0	123	7	Natural!	
	GrandPiano	0	113	1	Live!	
	BrightPiano	0	112	2	Live!	
	WarmGrand	0	114	1	Live!	
	Oct.Piano1	0	113	4	Regular	
	Oct.Piano2	0	114	4	Regular	
	HonkyTonk	0	112	4	Regular	
	Harpisichord	0	112	7	Regular	
	GrandHarpisi	0	113	7	Regular	
	MidiGrand	0	112	3	Regular	
	CP80	0	113	3	Regular	
	E.Piano	GalaxyEP	0	114	5	Cool!
SuitcaseEP		0	118	5	Cool!	
PolarisEP		0	115	5	Regular	
JazzChorus		0	118	6	Regular	
HyperTines		0	113	6	Regular	
ElectricPiano		0	119	5	Cool!	
PhaseEP		0	120	5	Regular	
NewTines		0	116	6	Regular	
FunkEP		0	112	5	Regular	
DX Modern		0	112	6	Regular	
StageEP		0	117	5	Regular	
ModernEP		0	115	6	Regular	
VintageEP		0	116	5	Regular	
VenusEP		0	114	6	Regular	
TremoloEP		0	113	5	Regular	
SuperDX		0	117	6	Regular	
Clavi		0	112	8	Regular	
WahClavi		0	113	8	Regular	
Strings		Strings	0	117	50	Live!
		Allegro	0	122	50	Live!
	Orchestra	0	116	50	Live!	
	Symphonic	0	114	49	Regular	
	Strings	0	112	49	Regular	
	Violin	0	113	41	Sweet!	
	OrchStrings	0	113	49	Regular	
	AnalogStrings	0	112	52	Regular	
	ChamberStrings	0	112	50	Regular	
	BowStrings	0	116	49	Regular	
	SlowStrings	0	113	50	Regular	
	TremoloStrings	0	112	45	Regular	
	Marcato	0	115	50	Regular	
	Pizzicato	0	112	46	Regular	
	SynthStrings	0	112	51	Regular	
	SoloViolin	0	112	41	Regular	
	Viola	0	112	42	Regular	
	Cello	0	112	43	Regular	
	Contrabass	0	112	44	Regular	
	Harp	0	112	47	Regular	
	Hackbrett	0	113	47	Regular	
	Fiddle	0	112	111	Regular	
	Banjo	0	112	106	Regular	
	Sitar	0	112	105	Regular	
	Koto	0	112	108	Regular	
	Shamisen	0	112	107	Regular	
	OrchestraHit	0	112	56	Regular	
	Guitar&Bass	DynamicNylon	0	116	25	Regular
		DynamicSteel	0	116	26	Regular
		12StringGtr	0	113	26	Regular
		SlideSteel	0	118	26	Regular
		Mandolin	0	114	26	Sweet!
		JazzGuitar	0	115	27	Cool!
		ElectricGtr	0	114	29	Cool!
VintageLead		0	125	28	Cool!	
SlideClean		0	117	29	Cool!	
PowerLead		0	115	31	Cool!	
ClassicalGtr		0	115	25	Regular	
SteelGuitar		0	117	26	Regular	
CleanGuitar		0	112	28	Cool!	
BluesGuitar		0	117	30	Cool!	
FunkGuitar		0	113	29	Regular	
PedalSteel		0	115	28	Regular	
CrunchGuitar		0	113	31	Regular	
60sClean		0	117	28	Regular	
VintageAmp		0	115	30	Regular	
HeavyStack		0	114	31	Regular	
VintageOpen		0	123	28	Regular	
VintageStrum		0	126	28	Regular	
SolidGuitar		0	118	28	Regular	
CampfireGtr		0	115	26	Regular	
Electric12Str		0	119	28	Regular	

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Guitar&Bass	SmoothLead	0	119	27	Regular	
	PowerChord	0	117	31	Regular	
	RockGuitar	0	116	30	Regular	
	VoodooLead	0	116	31	Regular	
	VintageMute	0	115	29	Regular	
	TremoloGuitar	0	113	28	Regular	
	WahGuitar	0	122	28	Regular	
	LeadGuitar	0	114	30	Regular	
	ChorusGuitar	0	124	28	Regular	
	OctaveGuitar	0	113	27	Regular	
	VintageTrem	0	120	28	Regular	
	DeepChorus	0	114	28	Regular	
	DistortionGtr	0	112	31	Regular	
	MutedGuitar	0	112	29	Regular	
	OverdriveGtr	0	112	30	Regular	
	FeedbackGtr	0	113	30	Regular	
	FolkGuitar	0	112	26	Regular	
	ElectricBass	0	114	34	Cool!	
	AcousticBass	0	112	33	Regular	
	FretlessBass	0	112	36	Cool!	
	SlapBass	0	112	37	Regular	
	SubBass	0	114	40	Regular	
	HardBass	0	114	39	Regular	
	ResoBass	0	112	39	Regular	
	SuperFretless	0	113	36	Regular	
	PickBass	0	112	35	Regular	
	FusionBass	0	113	37	Regular	
	Bass&Cymbal	0	114	33	Regular	
	AnalogBass	0	112	40	Regular	
	DrySynthBass	0	116	40	Regular	
	80sSynthBass	0	115	40	Regular	
	HiQBass	0	113	39	Regular	
	FunkBass	0	112	38	Regular	
MellowFinger	0	112	34	Regular		
ClickBass	0	115	39	Regular		
Saxophone	TenorSax	0	117	67	Sweet!	
	AltoSax	0	114	66	Sweet!	
	SopranoSax	0	113	65	Sweet!	
	GrowSax	0	118	67	Regular	
	SopranoSax	0	112	65	Regular	
	AltoSax	0	112	66	Regular	
	TenorSax	0	112	67	Regular	
	BaritoneSax	0	112	68	Regular	
	WoodwindsEns	0	113	67	Regular	
	Flute&Woodwind	Flute	0	114	74	Sweet!
		Clarinet	0	114	72	Sweet!
EnglishHorn		0	112	70	Regular	
Bassoon		0	112	71	Regular	
PanFlute		0	113	76	Sweet!	
ClassicalFlute		0	115	74	Sweet!	
Piccolo		0	112	73	Regular	
Whistle		0	112	79	Regular	
Clarinet		0	112	72	Regular	
Flute		0	112	74	Regular	
Oboe		0	112	69	Regular	
PanFlute		0	113	74	Regular	
Shakuhachi		0	112	78	Regular	
EthnicFlute		0	112	76	Regular	
Bagpipe		0	112	110	Regular	
Recorder		0	112	75	Regular	
Ocarina	0	112	80	Regular		
Organ	Organ	0	118	19	Cool!	
	JazzOrgan	0	117	17	Cool!	
	RotorOrgan	0	117	19	Cool!	
	FullRocker	0	115	19	Cool!	
	StadiumOrgan	0	118	17	Regular	
	RotaryDrive	0	116	19	Regular	
	RockOrgan1	0	112	19	Regular	
	DanceOrgan	0	113	18	Regular	
	GospelOrgan	0	119	17	Regular	
	JazzOrgan1	0	112	17	Regular	
	PurpleOrgan	0	114	19	Regular	
	ElectricOrgan	0	118	18	Regular	
	DrawbarOrgan	0	115	17	Regular	
	JazzOrgan2	0	113	17	Regular	
	RockOrgan2	0	113	19	Regular	
	ClickOrgan	0	112	18	Regular	
	MellowDraw	0	115	18	Regular	
	BrightDraw	0	116	17	Regular	
	60sOrgan	0	116	18	Regular	
	JazzOrgan3	0	120	17	Regular	
	Tibia 16&4	0	114	17	Regular	
Tibia Full	0	114	18	Regular		

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Organ	ChapelOrgan1	0	113	20	Regular	
	ChapelOrgan2	0	114	20	Regular	
	ChapelOrgan3	0	115	20	Regular	
	PipeOrgan	0	112	20	Regular	
	ReedOrgan	0	112	21	Regular	
Trumpet	Trumpet	0	115	57	Sweet!	
	Trombone	0	117	58	Sweet!	
	MutedTrumpet	0	112	60	Regular	
	FlugelHorn	0	113	57	Regular	
	SoloTrumpet	0	112	57	Regular	
	SoloTrombone	0	112	58	Regular	
	JazzTrumpet	0	116	57	Regular	
	Trombone	0	116	58	Regular	
	SoftTrombone	0	115	58	Regular	
	MellowTrombone	0	114	58	Regular	
	BaritoneHorn	0	113	59	Regular	
	BaritoneHit	0	114	59	Regular	
	AlpBass	0	113	34	Regular	
	Tuba	0	112	59	Regular	
	Brass	HyperBrass	0	118	63	Live!
		PopBrass	0	117	63	Live!
		OctaveBrass	0	116	63	Live!
FrenchHorns		0	112	61	Live!	
BrassCombo		0	115	67	Regular	
BrassSection		0	112	62	Regular	
Storzando		0	125	62	Regular	
BigBrass		0	121	62	Regular	
BallroomBrass		0	113	60	Regular	
BrightBrass		0	120	62	Regular	
MellowBrass		0	116	62	Regular	
80sBrass		0	113	63	Regular	
SoftBrass		0	123	62	Regular	
FullHorns		0	114	62	Regular	
SmoothTromb		0	118	58	Regular	
HighBrass		0	115	62	Regular	
OberBrass		0	113	64	Regular	
TrumpetEns		0	122	62	Regular	
MellowHorns		0	119	62	Regular	
BigBandBrass		0	113	62	Regular	
PopBrass		0	118	62	Regular	
AnalogBrass		0	112	64	Regular	
TbnSection		0	113	58	Regular	
SmallBrass		0	117	62	Regular	
SoftAnalog		0	114	64	Regular	
FunkyAnalog		0	115	63	Regular	
TechnoBrass		0	114	63	Regular	
SynthBrass		0	112	63	Regular	
Accordion		Musette	0	112	22	Regular
		TuttiAccordion	0	113	22	Regular
	SmallAccordion	0	115	22	Regular	
	BallroomAcc	0	112	24	Regular	
	Steirisch	0	117	22	Regular	
	Accordion	0	116	22	Regular	
	SoftAccordion	0	114	22	Regular	
	Bandoneon	0	113	24	Regular	
	ModernHarp	0	113	23	Regular	
	BluesHarp	0	114	23	Regular	
	Choir&Pad	AirChoir	0	112	55	Regular
GothicVox		0	113	54	Regular	
Choir		0	112	53	Regular	
VoxHumana		0	112	54	Regular	
SweetHeaven		0	118	89	Regular	
DreamHeaven		0	121	89	Regular	
Insomnia		0	113	95	Regular	
NeoWarmPad		0	115	90	Regular	
CyberPad		0	113	100	Regular	
Wave2001		0	112	96	Regular	
Atmosphere		0	112	100	Regular	
XenonPad		0	112	92	Regular	
Equinox		0	112	95	Regular	
Fantasia		0	112	89	Regular	
DX Pad		0	112	93	Regular	
Symbiont		0	113	89	Regular	
Stargate		0	114	89	Regular	
Area51		0	112	90	Regular	
DarkMoon		0	113	90	Regular	
Ionosphere		0	115	95	Regular	
GoldenAge		0	115	89	Regular	
Solaris		0	114	95	Regular	
Millennium		0	117	89	Regular	
Dunes		0	114	90	Regular	
Synth&FX		Oxygen	0	122	82	Regular
		Matrix	0	123	82	Regular

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth&FX	WireLead	0	120	82	Regular	
	HipLead	0	113	81	Regular	
	HopLead	0	117	81	Regular	
	FireWire	0	116	82	Regular	
	Analogon	0	115	82	Regular	
	Blaster	0	114	82	Regular	
	SFX Kit1	126	0	1	SFX Kit	
	SFX Kit2	126	0	2	SFX Kit	
	SawLead	0	112	82	Regular	
	SquareLead	0	112	81	Regular	
	Skyline	0	115	85	Regular	
	TinyLead	0	118	81	Regular	
	FunkyLead	0	121	82	Regular	
	Paraglide	0	114	85	Regular	
	Fargo	0	119	82	Regular	
	Portatone	0	112	85	Regular	
	BigLead	0	113	82	Regular	
	Warp	0	117	82	Regular	
	Adrenaline	0	113	85	Regular	
	Stardust	0	112	99	Regular	
	AeroLead	0	112	84	Regular	
	MiniLead	0	114	81	Regular	
	Impact	0	113	88	Regular	
	SunBell	0	113	99	Regular	
	UnderHeim	0	112	88	Regular	
	HiBias	0	116	81	Regular	
	VinylLead	0	115	81	Regular	
	Perc&Drum	Vibraphone	0	112	12	Regular
		JazzVibes	0	113	12	Regular
		Marimba	0	112	13	Regular
		Xylophone	0	112	14	Regular
		SteelDrums	0	112	115	Regular
		Celesta	0	112	9	Regular
		Glockenspiel	0	112	10	Regular
		MusicBox	0	112	11	Regular
		TubularBells	0	112	15	Regular
Kalimba		0	112	109	Regular	
Dulcimer		0	112	16	Regular	
Timpani		0	112	48	Regular	
StandardKit1		127	0	1	Drums	
StandardKit2		127	0	2	Drums	
JazzKit		127	0	33	Drums	
BrushKit		127	0	41	Drums	
RoomKit		127	0	9	Drums	
RockKit		127	0	17	Drums	
ElectroKit		127	0	25	Drums	
AnalogKit		127	0	26	Drums	
DanceKit		127	0	28	Drums	
SymphonyKit		127	0	49	Drums	
CubanKit		126	0	41	SFX Kit	
PopLatinKit	126	0	44	SFX Kit		
ArabicKit	126	0	36	SFX Kit		
OrganFlutes	JazzDraw!	0	126	17	OrganFlutes	
	BluesOrgan!	0	126	17	OrganFlutes	
	SixteenOne!	0	126	17	OrganFlutes	
	EvenBars!	0	126	17	OrganFlutes	
	PopOrgan!	0	126	17	OrganFlutes	
	RockingOrg!	0	126	17	OrganFlutes	
	Percussive!	0	126	17	OrganFlutes	
	GospelOrg!	0	126	17	OrganFlutes	
	PadOrgan!	0	126	17	OrganFlutes	
	FullRanks!	0	126	17	OrganFlutes	

GM & XG

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	0	0	1	Regular	
	GrndPianoKSP	0	1	1	Regular	
	MellowGrPno	0	18	1	Regular	
	PianoStrings	0	40	1	Regular	
	Dream	0	41	1	Regular	
	BrightPiano	0	0	2	Regular	
	BritePnoKSP	0	1	2	Regular	
	ElecGrandPno	0	0	3	Regular	
	ElecGrPnoKSP	0	1	3	Regular	
	DetunedCP80	0	32	3	Regular	
	LayeredCP1	0	40	3	Regular	
	LayeredCP2	0	41	3	Regular	
	Honkytonk	0	0	4	Regular	
	HonkytonkKSP	0	1	4	Regular	
	El.Piano1	0	0	5	Regular	
	El.Piano1KSP	0	1	5	Regular	
	MellowEP1	0	18	5	Regular	
	ChorusEP1	0	32	5	Regular	
	HardEl.Piano	0	40	5	Regular	
	VXfadeEl.P1	0	45	5	Regular	
	60sEl.Piano1	0	64	5	Regular	
	El.Piano2	0	0	6	Regular	
	El.Piano2KSP	0	1	6	Regular	
	ChorusEP2	0	32	6	Regular	
	DXEPHard	0	33	6	Regular	
	DXLegend	0	34	6	Regular	
	DXPhaseEP	0	40	6	Regular	
	DX+AnalogEP	0	41	6	Regular	
	DXKotoEP	0	42	6	Regular	
	VXfadeEl.P2	0	45	6	Regular	
	Harpsichord	0	0	7	Regular	
	Harpsi.KSP	0	1	7	Regular	
	Harpsichord2	0	25	7	Regular	
	Harpsichord3	0	35	7	Regular	
	Clavi.	0	0	8	Regular	
	Clavi.KSP	0	1	8	Regular	
	Clavi.Wah	0	27	8	Regular	
	PulseClavi.	0	64	8	Regular	
	PierceClavi.	0	65	8	Regular	
	ChromaticPerc	Celesta	0	0	9	Regular
		Glockenspiel	0	0	10	Regular
		MusicBox	0	0	11	Regular
		Orgel	0	64	11	Regular
		Vibraphone	0	0	12	Regular
		VibesKSP	0	1	12	Regular
		HardVibes	0	45	12	Regular
		Marimba	0	0	13	Regular
MarimbaKSP		0	1	13	Regular	
SineMarimba		0	64	13	Regular	
Balimba		0	97	13	Regular	
LogDrums		0	98	13	Regular	
Xylophone		0	0	14	Regular	
TubularBells		0	0	15	Regular	
ChurchBells		0	96	15	Regular	
Carillon		0	97	15	Regular	
Dulcimer		0	0	16	Regular	
Dulcimer2		0	35	16	Regular	
Cimbalom		0	96	16	Regular	
Santur		0	97	16	Regular	
Organ	DrawbarOrgan	0	0	17	Regular	
	DetDrawOrgan	0	32	17	Regular	
	60sDrawOrg1	0	33	17	Regular	
	60sDrawOrg2	0	34	17	Regular	
	70sDrawOrg1	0	35	17	Regular	
	DrawbarOrg2	0	36	17	Regular	
	60sDrawOrg3	0	37	17	Regular	
	EvenBarOrg	0	38	17	Regular	
	16+2'2_3Org	0	40	17	Regular	
	OrganBass	0	64	17	Regular	
	70sDrawOrg2	0	65	17	Regular	
	CheezyOrgan	0	66	17	Regular	
	DrawbarOrg3	0	67	17	Regular	
	Perc.Organ	0	0	18	Regular	
	70sPercOrg1	0	24	18	Regular	
	DetPercOrgan	0	32	18	Regular	
	LightOrgan	0	33	18	Regular	
	Perc.Organ2	0	37	18	Regular	
	RockOrgan	0	0	19	Regular	
	RotaryOrgan	0	64	19	Regular	
	SlowRotary	0	65	19	Regular	
	FastRotary	0	66	19	Regular	
	ChurchOrgan	0	0	20	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Organ	ChurchOrgan3	0	32	20	Regular
	ChurchOrgan2	0	35	20	Regular
	NotreDame	0	40	20	Regular
	OrganFlute	0	64	20	Regular
	Trem.OrganFl	0	65	20	Regular
	ReedOrgan	0	0	21	Regular
	PuffOrgan	0	40	21	Regular
	Accordion	0	0	22	Regular
	AccordIt	0	32	22	Regular
	Harmonica	0	0	23	Regular
	Harmonica2	0	32	23	Regular
	TangoAccord	0	0	24	Regular
	TangoAccord2	0	64	24	Regular
	Guitar	NylonGuitar	0	0	25
NylonGuitar2		0	16	25	Regular
NylonGuitar3		0	25	25	Regular
VelGtrHarmo		0	43	25	Regular
Ukulele		0	96	25	Regular
SteelGuitar		0	0	26	Regular
SteelGuitar2		0	16	26	Regular
12StrGuitar		0	35	26	Regular
Nylon&Steel		0	40	26	Regular
Steel&Body		0	41	26	Regular
Mandolin		0	96	26	Regular
JazzGuitar		0	0	27	Regular
MellowGuitar		0	18	27	Regular
JazzAmp		0	32	27	Regular
CleanGuitar		0	0	28	Regular
ChorusGuitar		0	32	28	Regular
MutedGuitar		0	0	29	Regular
FunkGuitar1		0	40	29	Regular
MuteSteelGtr		0	41	29	Regular
FunkGuitar2		0	43	29	Regular
JazzMan		0	45	29	Regular
Overdriven		0	0	30	Regular
GuitarPinch		0	43	30	Regular
Distortion		0	0	31	Regular
FeedbackGtr		0	40	31	Regular
FeedbackGtr2		0	41	31	Regular
GtrHarmonics		0	0	32	Regular
GtrFeedback		0	65	32	Regular
GtrHarmonic2	0	66	32	Regular	
Bass	AcousticBass	0	0	33	Regular
	JazzRhythm	0	40	33	Regular
	VXUprghtBass	0	45	33	Regular
	FingerBass	0	0	34	Regular
	FingerDark	0	18	34	Regular
	FlangeBass	0	27	34	Regular
	Bass&DistEG	0	40	34	Regular
	FingerSlap	0	43	34	Regular
	FingerBass2	0	45	34	Regular
	Mod.Bass	0	65	34	Regular
	PickBass	0	0	35	Regular
	MutePickBass	0	28	35	Regular
	FretlessBass	0	0	36	Regular
	Fretless2	0	32	36	Regular
	Fretless3	0	33	36	Regular
	Fretless4	0	34	36	Regular
	Syn.Fretless	0	96	36	Regular
	SmthFretless	0	97	36	Regular
	SlapBass1	0	0	37	Regular
	ResonantSlap	0	27	37	Regular
	PunchThumb	0	32	37	Regular
	SlapBass2	0	0	38	Regular
	Velo.Sw.Slap	0	43	38	Regular
	SynthBass1	0	0	39	Regular
	SynBass1Dark	0	18	39	Regular
	FastResoBass	0	20	39	Regular
	AcidBass	0	24	39	Regular
	ClaviBass	0	35	39	Regular
	TechnoBass	0	40	39	Regular
	Orbiter	0	64	39	Regular
	SquareBass	0	65	39	Regular
	RubberBass	0	66	39	Regular
	Hammer	0	96	39	Regular
	SynthBass2	0	0	40	Regular
	MellowSyBass	0	6	40	Regular
	SequenceBass	0	12	40	Regular
ClickSynBass	0	18	40	Regular	
SynBass2Dark	0	19	40	Regular	
SmoothSyBass	0	32	40	Regular	
ModulrSyBass	0	40	40	Regular	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Brass	DXBass	0	41	40	Regular	
	XWireBass	0	64	40	Regular	
Strings	Violin	0	0	41	Regular	
	SlwAtkViolin	0	8	41	Regular	
	Viola	0	0	42	Regular	
	Cello	0	0	43	Regular	
	Contrabass	0	0	44	Regular	
	Trem.Strings	0	0	45	Regular	
	SlwAtTremStr	0	8	45	Regular	
	SuspenseStr	0	40	45	Regular	
	PizzicatoStr	0	0	46	Regular	
	Orch.Harp	0	0	47	Regular	
	YangChin	0	40	47	Regular	
	Timpani	0	0	48	Regular	
	Ensemble	Strings1	0	0	49	Regular
		StereoStrngs	0	3	49	Regular
SlwAtkStrngs		0	8	49	Regular	
ArcoStrings		0	24	49	Regular	
60'sStrings		0	35	49	Regular	
Orchestra		0	40	49	Regular	
Orchestra2		0	41	49	Regular	
TremOrchestra		0	42	49	Regular	
Velo.Strings		0	45	49	Regular	
Strings2		0	0	50	Regular	
S.SlowStrngs		0	3	50	Regular	
LegatoStrngs		0	8	50	Regular	
WarmStrings		0	40	50	Regular	
Kingdom		0	41	50	Regular	
70'sStrings		0	64	50	Regular	
Strings3		0	65	50	Regular	
SynStrings1		0	0	51	Regular	
ResoStrings		0	27	51	Regular	
SynStrings4		0	64	51	Regular	
SynStrings5		0	65	51	Regular	
SynStrings2		0	0	52	Regular	
ChoirAahs		0	0	53	Regular	
StereoChoir		0	3	53	Regular	
ChoirAahs2		0	16	53	Regular	
MellowChoir		0	32	53	Regular	
ChoirStrings		0	40	53	Regular	
VoiceOohs		0	0	54	Regular	
SynthVoice		0	0	55	Regular	
SynthVoice2		0	40	55	Regular	
Choral		0	41	55	Regular	
AnalogVoice		0	64	55	Regular	
OrchestraHit		0	0	56	Regular	
OrchestrHit2		0	35	56	Regular	
Impact		0	64	56	Regular	
Brass		Trumpet	0	0	57	Regular
		Trumpet2	0	16	57	Regular
		BriteTrumpet	0	17	57	Regular
		WarmTrumpet	0	32	57	Regular
		Trombone	0	0	58	Regular
		Trombone2	0	18	58	Regular
	Tuba	0	0	59	Regular	
	Tuba2	0	16	59	Regular	
	MutedTrumpet	0	0	60	Regular	
	FrenchHorn	0	0	61	Regular	
	Fr.HornSolo	0	6	61	Regular	
	FrenchHorn2	0	32	61	Regular	
	HornOrchestr	0	37	61	Regular	
	BrassSection	0	0	62	Regular	
	Tp&TbSection	0	35	62	Regular	
	BrassSect2	0	40	62	Regular	
	HighBrass	0	41	62	Regular	
	MellowBrass	0	42	62	Regular	
	SynthBrass1	0	0	63	Regular	
	QuackBrass	0	12	63	Regular	
	ResoSynBrass	0	20	63	Regular	
	PolyBrass	0	24	63	Regular	
	SynthBrass3	0	27	63	Regular	
	JumpBrass	0	32	63	Regular	
	AnaVelBrass1	0	45	63	Regular	
	AnalogBrass1	0	64	63	Regular	
	SynthBrass2	0	0	64	Regular	
	SoftBrass	0	18	64	Regular	
	SynthBrass4	0	40	64	Regular	
	ChoirBrass	0	41	64	Regular	
	AnaVelBrass2	0	45	64	Regular	
	AnalogBrass2	0	64	64	Regular	
	Reed	SopranoSax	0	0	65	Regular
		AltoSax	0	0	66	Regular
		SaxSection	0	40	66	Regular

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Reed	HyperAltoSax	0	43	66	Regular	
	TenorSax	0	0	67	Regular	
	BreathyTenor	0	40	67	Regular	
	SoftTenorSax	0	41	67	Regular	
	TenorSax2	0	64	67	Regular	
	BaritoneSax	0	0	68	Regular	
	Oboe	0	0	69	Regular	
	EnglishHorn	0	0	70	Regular	
	Bassoon	0	0	71	Regular	
	Clarinet	0	0	72	Regular	
	Pipe	Piccolo	0	0	73	Regular
		Flute	0	0	74	Regular
		Recorder	0	0	75	Regular
		PanFlute	0	0	76	Regular
BlownBottle		0	0	77	Regular	
Shakuhachi		0	0	78	Regular	
Whistle		0	0	79	Regular	
Ocarina		0	0	80	Regular	
Synth.Lead		SquareLead	0	0	81	Regular
		SquareLead2	0	6	81	Regular
	LMSquare	0	8	81	Regular	
	Hollow	0	18	81	Regular	
	Shroud	0	19	81	Regular	
	Mellow	0	64	81	Regular	
	SoloSine	0	65	81	Regular	
	SineLead	0	66	81	Regular	
	SawtoothLead	0	0	82	Regular	
	SawtoothLd2	0	6	82	Regular	
	ThickSaw	0	8	82	Regular	
	DynamicSaw	0	18	82	Regular	
	DigitalSaw	0	19	82	Regular	
	BigLead	0	20	82	Regular	
	HeavySynth	0	24	82	Regular	
	WaspySynth	0	25	82	Regular	
	PulseSaw	0	40	82	Regular	
	Dr.Lead	0	41	82	Regular	
	VelocityLead	0	45	82	Regular	
	Seq.Analog	0	96	82	Regular	
	CalliopeLead	0	0	83	Regular	
	PureLead	0	65	83	Regular	
	ChiffLead	0	0	84	Regular	
	Rubby	0	64	84	Regular	
	CharangLead	0	0	85	Regular	
	DistortedLd	0	64	85	Regular	
	WireLead	0	65	85	Regular	
	VoiceLead	0	0	86	Regular	
	SynthAahs	0	24	86	Regular	
	VoxLead	0	64	86	Regular	
	FifthsLead	0	0	87	Regular	
	BigFive	0	35	87	Regular	
	Bass&Lead	0	0	88	Regular	
	Big&Low	0	16	88	Regular	
	Fat&Perky	0	64	88	Regular	
	SoftWhirl	0	65	88	Regular	
	Synth.Pad	NewAgePad	0	0	89	Regular
		Fantasy	0	64	89	Regular
		WarmPad	0	0	90	Regular
		ThickPad	0	16	90	Regular
SoftPad		0	17	90	Regular	
SinePad		0	18	90	Regular	
HornPad		0	64	90	Regular	
RotaryStrngs		0	65	90	Regular	
PolySynthPad		0	0	91	Regular	
PolyPad80		0	64	91	Regular	
ClickPad		0	65	91	Regular	
AnalogPad		0	66	91	Regular	
SquarePad		0	67	91	Regular	
ChoirPad		0	0	92	Regular	
Heaven		0	64	92	Regular	
Itopia		0	66	92	Regular	
CCPad		0	67	92	Regular	
BowedPad		0	0	93	Regular	
Glacier		0	64	93	Regular	
GlassPad		0	65	93	Regular	
MetallicPad		0	0	94	Regular	
TinePad		0	64	94	Regular	
PanPad		0	65	94	Regular	
HaloPad		0	0	95	Regular	
SweepPad		0	0	96	Regular	
Shwimmer		0	20	96	Regular	
Converge		0	27	96	Regular	
PolarPad		0	64	96	Regular	
Celestial		0	66	96	Regular	

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Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth.Effect	Rain	0	0	97	Regular	
	ClaviPad	0	45	97	Regular	
	HarmoRain	0	64	97	Regular	
	AfricanWind	0	65	97	Regular	
	Carib	0	66	97	Regular	
	SoundTrack	0	0	98	Regular	
	Prologue	0	27	98	Regular	
	Ancestral	0	64	98	Regular	
	Crystal	0	0	99	Regular	
	SynthDr.Comp	0	12	99	Regular	
	Popcorn	0	14	99	Regular	
	TinyBells	0	18	99	Regular	
	RoundGlocken	0	35	99	Regular	
	GlockenChime	0	40	99	Regular	
	ClearBells	0	41	99	Regular	
	ChorusBells	0	42	99	Regular	
	SynthMallet	0	64	99	Regular	
	SoftCrystal	0	65	99	Regular	
	LoudGlocken	0	66	99	Regular	
	ChristmasBel	0	67	99	Regular	
	VibeBells	0	68	99	Regular	
	DigitalBells	0	69	99	Regular	
	AirBells	0	70	99	Regular	
	BellHarp	0	71	99	Regular	
	Gamelimba	0	72	99	Regular	
	Atmosphere	0	0	100	Regular	
	WarmAtmos.	0	18	100	Regular	
	HollowRelease	0	19	100	Regular	
	NylonEIPiano	0	40	100	Regular	
	NylonHarp	0	64	100	Regular	
	HarpVox	0	65	100	Regular	
	Atmos.Pad	0	66	100	Regular	
	Planet	0	67	100	Regular	
	Brightness	0	0	101	Regular	
	FantasyBells	0	64	101	Regular	
	Smokey	0	96	101	Regular	
	Goblins	0	0	102	Regular	
	GoblinsSynth	0	64	102	Regular	
	Creeper	0	65	102	Regular	
	RingPad	0	66	102	Regular	
	Ritual	0	67	102	Regular	
	ToHeaven	0	68	102	Regular	
	Night	0	70	102	Regular	
	Glisten	0	71	102	Regular	
	BellChoir	0	96	102	Regular	
	Echoes	0	0	103	Regular	
	Echoes2	0	8	103	Regular	
	EchoPan	0	14	103	Regular	
	EchoBells	0	64	103	Regular	
	BigPan	0	65	103	Regular	
	SynthPiano	0	66	103	Regular	
	Creation	0	67	103	Regular	
	StarDust	0	68	103	Regular	
	Reso&Panning	0	69	103	Regular	
	Sci-Fi	0	0	104	Regular	
	Starz	0	64	104	Regular	
	Ethnic	Sitar	0	0	105	Regular
		DetunedSitar	0	32	105	Regular
		Sitar2	0	35	105	Regular
		Tambra	0	96	105	Regular
		Tamboura	0	97	105	Regular
		Banjo	0	0	106	Regular
		MutedBanjo	0	28	106	Regular
		Rabab	0	96	106	Regular
		Gopichant	0	97	106	Regular
		Oud	0	98	106	Regular
		Shamisen	0	0	107	Regular
Koto		0	0	108	Regular	
Taisho-kin		0	96	108	Regular	
Kanoon		0	97	108	Regular	
Kalimba		0	0	109	Regular	
Bagpipe		0	0	110	Regular	
Fiddle		0	0	111	Regular	
Shanai		0	0	112	Regular	
Shanai2		0	64	112	Regular	
Pungi		0	96	112	Regular	
Hichiriki		0	97	112	Regular	
Percussive		TinkleBell	0	0	113	Regular
		Bonang	0	96	113	Regular
		Altair	0	97	113	Regular
		GamelanGongs	0	98	113	Regular
		StereoGamlan	0	99	113	Regular
		RamaCymbal	0	100	113	Regular

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Percussive	AsianBells	0	101	113	Regular	
	Agogo	0	0	114	Regular	
	SteelDrums	0	0	115	Regular	
	GlassPerc.	0	97	115	Regular	
	ThaiBells	0	98	115	Regular	
	Woodblock	0	0	116	Regular	
	Castanets	0	96	116	Regular	
	TaikoDrum	0	0	117	Regular	
	GranCassa	0	96	117	Regular	
	MelodicTom	0	0	118	Regular	
	MelodicTom2	0	64	118	Regular	
	RealTom	0	65	118	Regular	
	RockTom	0	66	118	Regular	
	SynthDrum	0	0	119	Regular	
	AnalogTom	0	64	119	Regular	
	ElectroPerc.	0	65	119	Regular	
	Rev.Cymbal	0	0	120	Regular	
	Sound Effect	GtrFretNoise	0	0	121	Regular
		BreathNoise	0	0	122	Regular
		Seashore	0	0	123	Regular
		BirdTweet	0	0	124	Regular
		TelephonRing	0	0	125	Regular
		Helicopter	0	0	126	Regular
		Applause	0	0	127	Regular
		Gunshot	0	0	128	Regular
		CuttingNoise	64	0	1	Regular
		CuttingNoiz2	64	0	2	Regular
StringSlap		64	0	4	Regular	
Fl.KeyClick		64	0	17	Regular	
Shower		64	0	33	Regular	
Thunder		64	0	34	Regular	
Wind		64	0	35	Regular	
Stream		64	0	36	Regular	
Bubble		64	0	37	Regular	
Feed		64	0	38	Regular	
Dog		64	0	49	Regular	
Horse		64	0	50	Regular	
BirdTweet2		64	0	51	Regular	
Ghost		64	0	55	Regular	
Maou		64	0	56	Regular	
PhoneCall		64	0	65	Regular	
DoorSqueak		64	0	66	Regular	
DoorSlam		64	0	67	Regular	
ScratchCut		64	0	68	Regular	
ScratchSplit		64	0	69	Regular	
WindChime		64	0	70	Regular	
TelphonRing2		64	0	71	Regular	
CarEngineIgn		64	0	81	Regular	
CarTiresSql		64	0	82	Regular	
CarPassing		64	0	83	Regular	
CarCrash		64	0	84	Regular	
Siren		64	0	85	Regular	
Train		64	0	86	Regular	
JetPlane		64	0	87	Regular	
Starship	64	0	88	Regular		
Burst	64	0	89	Regular		
RollrCoaster	64	0	90	Regular		
Submarine	64	0	91	Regular		
Laugh	64	0	97	Regular		
Scream	64	0	98	Regular		
Punch	64	0	99	Regular		
Heartbeat	64	0	100	Regular		
FootSteps	64	0	101	Regular		
MachineGun	64	0	113	Regular		
LaserGun	64	0	114	Regular		
Explosion	64	0	115	Regular		
Firework	64	0	116	Regular		

GM2

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Piano	GrandPiano	121	0	1	Regular	
	GrandPianoW	121	1	1	Regular	
	GrandPianoD	121	2	1	Regular	
	BrightPiano	121	0	2	Regular	
	BrightPianoW	121	1	2	Regular	
	ElecGrandPno	121	0	3	Regular	
	ElecGrandPW	121	1	3	Regular	
	Honkytonk	121	0	4	Regular	
	HonkytonkW	121	1	4	Regular	
	El.Piano1	121	0	5	Regular	
	DetunedEP1	121	1	5	Regular	
	EP1VeloMix	121	2	5	Regular	
	60'sEl.Piano	121	3	5	Regular	
	El.Piano2	121	0	6	Regular	
	DetunedEP2	121	1	6	Regular	
	EP2VeloMix	121	2	6	Regular	
	EPLegend	121	3	6	Regular	
	EPPPhase	121	4	6	Regular	
	Harpsichord	121	0	7	Regular	
	Harpsi.OctMx	121	1	7	Regular	
	HarpsichordW	121	2	7	Regular	
	Harpsi.KOff	121	3	7	Regular	
	Clavi.	121	0	8	Regular	
	PulseClavi.	121	1	8	Regular	
	ChromaticPerc	Celesta	121	0	9	Regular
		Glockenspiel	121	0	10	Regular
		MusicBox	121	0	11	Regular
		Vibraphone	121	0	12	Regular
		VibraphoneW	121	1	12	Regular
		Marimba	121	0	13	Regular
		MarimbaW	121	1	13	Regular
		Xylophone	121	0	14	Regular
		TubularBells	121	0	15	Regular
ChurchBells		121	1	15	Regular	
Carillon		121	2	15	Regular	
Dulcimer		121	0	16	Regular	
Organ		DrawbarOrgan	121	0	17	Regular
	DetDrawOrgan	121	1	17	Regular	
	It60'sOrgan	121	2	17	Regular	
	DrawbarOrg2	121	3	17	Regular	
	Perc.Organ	121	0	18	Regular	
	DetPercOrgan	121	1	18	Regular	
	Perc.Organ2	121	2	18	Regular	
	RockOrgan	121	0	19	Regular	
	ChurchOrgan	121	0	20	Regular	
	ChrchOrgOctM	121	1	20	Regular	
	DetChurchOrg	121	2	20	Regular	
	ReedOrgan	121	0	21	Regular	
	PuffOrgan	121	1	21	Regular	
	Accordion	121	0	22	Regular	
	Accordion2	121	1	22	Regular	
	Harmonica	121	0	23	Regular	
	TangoAccord	121	0	24	Regular	
Guitar	NylonGuitar	121	0	25	Regular	
	Ukulele	121	1	25	Regular	
	NylonGtrKOff	121	2	25	Regular	
	NylonGuitar2	121	3	25	Regular	
	SteelGuitar	121	0	26	Regular	
	12StrGuitar	121	1	26	Regular	
	Mandolin	121	2	26	Regular	
	Steel&Body	121	3	26	Regular	
	JazzGuitar	121	0	27	Regular	
	PedlSteelGtr	121	1	27	Regular	
	CleanGuitar	121	0	28	Regular	
	DetCleanGtr	121	1	28	Regular	
	MidToneGtr	121	2	28	Regular	
	MutedGuitar	121	0	29	Regular	
	FunkGuitar	121	1	29	Regular	
	MutedV-SwGtr	121	2	29	Regular	
	JazzMan	121	3	29	Regular	
	Overdriven	121	0	30	Regular	
	GuitarPinch	121	1	30	Regular	
	Distortion	121	0	31	Regular	
	FeedbackGtr	121	1	31	Regular	
	DstRhythmGtr	121	2	31	Regular	
	GtrHarmonics	121	0	32	Regular	
GtrFeedback	121	1	32	Regular		
Bass	AcousticBass	121	0	33	Regular	
	FingerBass	121	0	34	Regular	
	FingerSlap	121	1	34	Regular	
	PickBass	121	0	35	Regular	
	FretlessBass	121	0	36	Regular	
	SlapBass1	121	0	37	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
Bass	SlapBass2	121	0	38	Regular
	SynthBass1	121	0	39	Regular
	WarmSyBass	121	1	39	Regular
	ResoSynhBass	121	2	39	Regular
	ClaviBass	121	3	39	Regular
	Hammer	121	4	39	Regular
	SynthBass2	121	0	40	Regular
	AttackBass	121	1	40	Regular
	RubberBass	121	2	40	Regular
	AttackPulse	121	3	40	Regular
Strings	Violin	121	0	41	Regular
	SlwAtkViolin	121	1	41	Regular
	Viola	121	0	42	Regular
	Cello	121	0	43	Regular
	Contrabass	121	0	44	Regular
	Trem.Strings	121	0	45	Regular
	PizzicatoStr	121	0	46	Regular
	Orch.Harp	121	0	47	Regular
	YangChin	121	1	47	Regular
	Timpani	121	0	48	Regular
Ensemble	Strings1	121	0	49	Regular
	StringsBrass	121	1	49	Regular
	60'sStrings	121	2	49	Regular
	Strings2	121	0	50	Regular
	SynStrings1	121	0	51	Regular
	SynStrings3	121	1	51	Regular
	SynStrings2	121	0	52	Regular
	ChoirAahs	121	0	53	Regular
	ChoirAahs2	121	1	53	Regular
	VoiceOohs	121	0	54	Regular
	Humming	121	1	54	Regular
	SynthVoice	121	0	55	Regular
	AnalogVoice	121	1	55	Regular
	OrchestraHit	121	0	56	Regular
	BassHitPlus	121	1	56	Regular
6thHit	121	2	56	Regular	
EuroHit	121	3	56	Regular	
Brass	Trumpet	121	0	57	Regular
	DarkTpSoft	121	1	57	Regular
	Trombone	121	0	58	Regular
	Trombone2	121	1	58	Regular
	BriteTrombon	121	2	58	Regular
	Tuba	121	0	59	Regular
	MutedTrumpet	121	0	60	Regular
	MuteTrumpet2	121	1	60	Regular
	FrenchHorn	121	0	61	Regular
	FrenchHorn2	121	1	61	Regular
	BrassSection	121	0	62	Regular
	BrassSect2	121	1	62	Regular
	SynthBrass1	121	0	63	Regular
	SynthBrass3	121	1	63	Regular
	AnaSynBrass1	121	2	63	Regular
JumpBrass	121	3	63	Regular	
SynthBrass2	121	0	64	Regular	
SynthBrass4	121	1	64	Regular	
AnaSynBrass2	121	2	64	Regular	
Reed	SopranoSax	121	0	65	Regular
	AltoSax	121	0	66	Regular
	TenorSax	121	0	67	Regular
	BaritoneSax	121	0	68	Regular
	Oboe	121	0	69	Regular
	EnglishHorn	121	0	70	Regular
	Bassoon	121	0	71	Regular
	Clarinet	121	0	72	Regular
Pipe	Piccolo	121	0	73	Regular
	Flute	121	0	74	Regular
	Recorder	121	0	75	Regular
	PanFlute	121	0	76	Regular
	BlownBottle	121	0	77	Regular
	Shakuhachi	121	0	78	Regular
	Whistle	121	0	79	Regular
	Ocarina	121	0	80	Regular
Synth.Lead	SquareLead	121	0	81	Regular
	SquareLead2	121	1	81	Regular
	SineLead	121	2	81	Regular
	SawtoothLead	121	0	82	Regular
	SawtoothLd2	121	1	82	Regular
	SawPulseLead	121	2	82	Regular
	DoubSawLead	121	3	82	Regular
	Seq.Analog	121	4	82	Regular
	CalliopeLead	121	0	83	Regular
	ChiffLead	121	0	84	Regular
CharangLead	121	0	85	Regular	

GM2

Category	Voice Name	Voice Number			Voice Type	
		MSB	LSB	PRG		
Synth.Lead	WireLead	121	1	85	Regular	
	VoiceLead	121	0	86	Regular	
	FifthsLead	121	0	87	Regular	
	Bass&Lead	121	0	88	Regular	
	SoftWhirl	121	1	88	Regular	
Synth.Pad	NewAgePad	121	0	89	Regular	
	WarmPad	121	0	90	Regular	
	SinePad	121	1	90	Regular	
	PolySynthPad	121	0	91	Regular	
	ChoirPad	121	0	92	Regular	
	ItopiaPad	121	1	92	Regular	
	BowedPad	121	0	93	Regular	
	MetallicPad	121	0	94	Regular	
	HaloPad	121	0	95	Regular	
	SweepPad	121	0	96	Regular	
	Synth.Effect	Rain	121	0	97	Regular
SoundTrack		121	0	98	Regular	
Crystal		121	0	99	Regular	
SynthMallet		121	1	99	Regular	
Atmosphere		121	0	100	Regular	
Brightness		121	0	101	Regular	
Goblins		121	0	102	Regular	
Echoes		121	0	103	Regular	
EchoBell		121	1	103	Regular	
EchoPan		121	2	103	Regular	
Sci-Fi		121	0	104	Regular	
Ethnic		Sitar	121	0	105	Regular
		Sitar2	121	1	105	Regular
	Banjo	121	0	106	Regular	
	Shamisen	121	0	107	Regular	
	Koto	121	0	108	Regular	
	TaishoKoto	121	1	108	Regular	
	Kalimba	121	0	109	Regular	
	Bagpipe	121	0	110	Regular	
	Fiddle	121	0	111	Regular	
	Shanai	121	0	112	Regular	
Percussive	TinkleBell	121	0	113	Regular	
	Agogo	121	0	114	Regular	
	SteelDrums	121	0	115	Regular	
	Woodblock	121	0	116	Regular	
	Castanets	121	1	116	Regular	
	TaikoDrum	121	0	117	Regular	
	ConcertBD	121	1	117	Regular	
	MelodicTom	121	0	118	Regular	
	MelodicTom2	121	1	118	Regular	
	SynthDrum	121	0	119	Regular	
	RhythmBoxTom	121	1	119	Regular	
	ElectricDrum	121	2	119	Regular	
	Rev.Cymbal	121	0	120	Regular	
SoundEffect	GtrFretNoise	121	0	121	Regular	
	GtrCutNoise	121	1	121	Regular	
	StringSlap	121	2	121	Regular	
	BreathNoise	121	0	122	Regular	
	Fl.KeyClick	121	1	122	Regular	
	Seashore	121	0	123	Regular	
	Rain	121	1	123	Regular	
	Thunder	121	2	123	Regular	
	Wind	121	3	123	Regular	
	Stream	121	4	123	Regular	
	Bubble	121	5	123	Regular	
	BirdTweet	121	0	124	Regular	
	Dog	121	1	124	Regular	
	HorseGallop	121	2	124	Regular	
	BirdTweet2	121	3	124	Regular	
	TelephonRing	121	0	125	Regular	
	TelRing2	121	1	125	Regular	
	DoorCreaking	121	2	125	Regular	
	Door	121	3	125	Regular	
	Scratch	121	4	125	Regular	
	WindChime	121	5	125	Regular	
	Helicopter	121	0	126	Regular	
	CarEngine	121	1	126	Regular	
	CarStop	121	2	126	Regular	
	CarPass	121	3	126	Regular	
	CarCrash	121	4	126	Regular	
	Siren	121	5	126	Regular	
	Train	121	6	126	Regular	
	Jetplane	121	7	126	Regular	
	Starship	121	8	126	Regular	
	BurstNoise	121	9	126	Regular	
	Applause	121	0	127	Regular	
	Laughing	121	1	127	Regular	
	Screaming	121	2	127	Regular	

Category	Voice Name	Voice Number			Voice Type
		MSB	LSB	PRG	
SoundEffect	Punch	121	3	127	Regular
	HeartBeat	121	4	127	Regular
	Footsteps	121	5	127	Regular
	Gunshot	121	0	128	Regular
	MachineGun	121	1	128	Regular
	LaserGun	121	2	128	Regular
	Explosion	121	3	128	Regular
	StandardSet	120	0	1	Drums
	RoomSet	120	0	9	Drums
	PowerSet	120	0	17	Drums
	ElectroSet	120	0	25	Drums
	AnalogSet	120	0	26	Drums
	JazzSet	120	0	33	Drums
	BrushSet	120	0	41	Drums
	OrchestraSet	120	0	49	Drums
	SFXSet	120	0	57	SFX Kit

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice (CVP-509/505/503)

	Mega NylonGuitar	Mega SteelGuitar	Mega HiStringGtr	Mega 12StringGtr
CVP-509	○	○	○	○
CVP-505	○	○	○	○
CVP-503	○	○	○	○

MSB (0-127)	8			8			8			8			
LSB (0-127)	0			0			0			1			
PRG (0-127)	0			1			2			2			
PRG (1-128)	1			2			3			3			
Voice Name	Mega NylonGuitar			Mega SteelGuitar			Mega HiStringGtr			Mega 12StringGtr			
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5		above C6	above C8
										Element1 (Steel)	Element2 (HiString)		
127	127	127	127	127	127	127	127	127	127	127	127	127	127
120	Harmonics			Harmonics						Hard			
	121			121									
110	Slide			Slide			Hard			Medium	Hard		
	120			120									
100	Hammer			Hammer									
	106			106									
90	Mute			Mute									
	91			91			90					90	
80	Dead			Dead			89					89	
	76			76									
70	Open Hard			Open Hard									
	75			75									
60	Open Medium			Open Medium									
	61			61									
50	Open Soft			Open Soft									
	60			60									
40													
	41			41									
30													
	40			40									
20													
	21			21									
10													
	20			20									
1	1	1	1	1	1	1	1	1	1	1	1	1	1

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice (CVP-509/505/503)

	Mega CleanGuitar	Mega SolidGuitar1	Mega SolidGuitar2	Mega SingleCoil	Mega OverdriveGtr
CVP-509	○	○	○	○	○
CVP-505	○	○	○	○	○
CVP-503	○	○	○	○	○

MSB (0-127)	8			8			8			8			8		
LSB (0-127)	0			1			2			3			0		
PRG (0-127)	3			3			3			3			4		
PRG (1-128)	4			4			4			4			5		
Voice Name	Mega CleanGuitar			Mega SolidGuitar1			SolidGuitar2			Mega SingleCoil			Mega OverdriveGtr		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127	127	127	127	127	127	127	127	127	127	127	127	127	127	127
	Pick Harmonics			Pick Harmonics			Pick Harmonics			Pick Harmonics			Pick Harmonics		
121	121			121			121			121			121		
120	120			120			120			120			120		
110	Slide			Slide			Slide			Slide			Slide		
106				106			106			106			106		
105				105			105			105			105		
100	Hammer			Hammer			Hammer			Hammer			Hammer		
91				91			91			91			91		
90				90			90			90			90		
80	Mute			Mute			Mute			Mute			Mute		
76				76			76			76			76		
75				75			75			75			75		
70	Dead			Dead			Dead			Dead			Dead		
61		Strum Noise	Fret Noise	61	Strum Noise	Fret Noise	61	Strum Noise	Fret Noise	61	Strum Noise	Fret Noise	61	Strum Noise	EFX
60				60			60			60			60		
50	Slap			Slap			Open Hard			Open Hard			56		
													55		
41				41			41			41			41		
40				40			40			40			40		
30	Open Hard			Open Hard			Open Medium			Open Medium			Open		
21				21			21			21			21		
20				20			20			20			20		
10	Open Soft			Open Soft			Open Soft			Open Soft			Open Soft		
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice (CVP-509/505/503)

	Mega DistortionGtr	Mega JazzGuitar	Mega AcousticBass	Mega ElectricBass
CVP-509	○	○	○	○
CVP-505	○		○	○
CVP-503	○		○	○

MSB (0-127)	8			8			8			8		
LSB (0-127)	0			0			0			0		
PRG (0-127)	5			6			16			17		
PRG (1-128)	6			7			17			18		
Voice Name	Mega DistortionGtr			Mega JazzGuitar			Mega AcousticBass			Mega ElectricBass		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127	127		127	127	127	127	127		127	127	
	Pick Harmonics			Pick Harmonics			Harmonics			Slap		
	121			121			121			121		
120	120			120			120			120		
				Slide								
110				106								
				105			Dead			Dead		
100				Hammer								
				91								
90	Mute			90								
		EFX		Dead Hard								
80							81			81		
							80			80		
70				76								
				75			Open Hard			Open Hard		
60				Dead Soft								
				61	Strum Noise	Fret Noise		EFX			EFX	
				60			61			61		
							60			60		
50				Open Hard								
40				41								
				40								
30				Open Medium			Open Soft			Open Soft		
	Open											
20				21								
				20								
10				Open Soft								
1	1	1		1	1	1	1	1		1	1	

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice (CVP-509/505/503)

	Mega VintageRound	Mega VintageFlat	Mega PickBass	Mega VintagePick	Mega FretlessBass
CVP-509	○	○	○	○	○
CVP-505			○		○
CVP-503			○		○

MSB (0-127)	8			8			8			8			8		
LSB (0-127)	1			2			0			1			0		
PRG (0-127)	17			17			18			18			19		
PRG (1-128)	18			18			19			19			20		
Voice Name	Mega VintageRound			Mega VintageFlat			Mega PickBass			Mega VintagePick			Mega FretlessBass		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127	127		127	127		127	127		127	127		127	127	
	Harmonics			Harmonics			Harmonics			Harmonics			Harmonics		
	121			121			121			121			121		
120	120			120			120			120			120		
110															
100	Dead			Dead			Dead			Dead			Dead		
90															
80	81			81			81			81			81		
	80			80			80			80			80		
70	Open Hard			Open Hard											
60		EFX			EFX			EFX			EFX			EFX	
	61			61											
	60			60			Mute			Mute					
50															
40							41			41					
							40			40			Open		
30	Open Soft			Open Soft											
20							Open			Open					
10															
1	1	1		1	1		1	1		1	1		1	1	

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Mega Voice Map / Sound-Zuordnungen der Mega Voices / Carte des voix Mega / Mapa de Mega Voice (CVP-509/505/503)

	Mega SmallStrings	Mega LargeStrings	Mega Brass	Mega Trumpet	Mega TenorSax
CVP-509	○	○	○	○	○
CVP-505	○	○	○	○	○
CVP-503				○	○

MSB (0-127)	8			8			8			8			8		
LSB (0-127)	0			0			0			0			0		
PRG (0-127)	48			49			56			64			82		
PRG (1-128)	49			50			57			65			83		
Voice Name	Mega SmallStrings			Mega LargeStrings			Mega Brass			Mega Trumpet			Mega TenorSax		
Key Range	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8	below B5	above C6	above C8
127	127			127			127			127	127	127	127	127	127
	Glissando Down			Glissando Down			Glissando Up			Glissando Up					
120	121			121			121			121					
	Tremolo			Tremolo			Falls Fast f			Falls			Falls		
110	111			111			111			111					
	Spicato ff			Spicato ff			Falls Fast mf			Shake					
100	101			101			101			101			101		
	Spicato f			Spicato f			Shake			Straight			Growl		
90	96			96			96								
	Spicato f			Spicato f			Scoops								
80	81			81			81			81			81		
	Legato			Legato			Attack			Legato			Legato	Valve Noise (C6-B6 Key On Noise, C7-B7 Key Off Noise)	Breath Noise
70	61			61			61			61	Valve Noise	Breath Noise	61		
	f			f			f			ff			f		
60	60			60			60			60			60		
50															
40	41			41			41			41			41		
	mf			mf			mf			f			mf		
30															
20	21			21			21			21			21		
	p			p			p			mf			mp		
10															
1	1			1			1			1	1	1	1	1	1

Mega Voices indicated by a circle (O) in the chart are included in the corresponding instrument(s).

 : No Sound

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

Panel Drum Kit/XG Drum Kit

	Standard Kit 1	Standard Kit 2	Hit Kit	Room Kit	Rock Kit	Electro Kit
CVP-509 (*1)	O (Live!)	O (Live!)	O	O	O	O
CVP-505 (*1)	O	O	O	O	O	O
CVP-503 (*1)	O	O	O	O	O	O
CVP-501 (*1)	O	O		O	O	O

Bank Select MSB (0-127)					127	127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0	0
Program Change (0-127)					0	1	4	8	16	24
Program Change (1-128)					1	2	5	9	17	25
MIDI Note#	Note	Keybord Note	Key Off (*2)	Alternate Group (*3)	Standard Kit 1	Standard Kit 2	Hit Kit	Room Kit	Rock Kit	Electro Kit
13	C#-1	C#0		3	Surdo Mute					
14	D-1	D0		3	Surdo Open					
15	D#-1	D#0			Hi Q					
16	E-1	E0			Whip Slap					
17	F-1	F0		4	Scratch H					
18	F#-1	F#0		4	Scratch L					
19	G-1	G0			Finger Snap					
20	G#-1	G#0			Click Noise					
21	A-1	A0			Metronome Click					
22	A#-1	A#0			Metronome Bell					
23	B-1	B0			Seq Click L					
24	C0	C1			Seq Click H					
25	C#0	C#1			Brush Tap					
26	D0	D1	●		Brush Swirl					
27	D#0	D#1			Brush Slap					
28	E0	E1	●		Brush Tap Swirl					Reverse Cymbal
29	F0	F1	●		Snare Roll					
30	F#0	F#1			Castanet					Hi Q 2
31	G0	G1			Snare Soft	Snare Soft 2	Snare Electro		Snare Noisy	Snare Snappy Electro
32	G#0	G#1			Sticks					
33	A0	A1			Kick Soft		Kick Tight L			Kick 3
34	A#0	A#1			Open Rim Shot	Open Rim Shot H Short	Snare Pitched			
35	B0	B1			Kick Tight		Kick Wet		Kick 2	Kick Gate
36	C1	C2			Kick	Kick Short	Kick Tight H		Kick Gate	Kick Gate Heavy
37	C#1	C#2			Side Stick	Side Stick Light	Stick Ambient			
38	D1	D2			Snare	Snare Short	Snare Ambient	Snare Snappy	Snare Rock	Snare Noisy 2
39	D#1	D#2			Hand Clap					
40	E1	E2			Snare Tight	Snare Tight H	Snare Tight 2	Snare Tight Snappy	Snare Rock Tight	Snare Noisy 3
41	F1	F2			Floor Tom L		Hybrid Tom 1	Tom Room 1	Tom Rock 1	Tom Electro 1
42	F#1	F#2		1	Hi-Hat Closed		Hi-Hat Closed 2			
43	G1	G2			Floor Tom H		Hybrid Tom 2	Tom Room 2	Tom Rock 2	Tom Electro 2
44	G#1	G#2		1	Hi-Hat Pedal		Hi-Hat Pedal 2			
45	A1	A2			Low Tom		Hybrid Tom 3	Tom Room 3	Tom Rock 3	Tom Electro 3
46	A#1	A#2		1	Hi-Hat Open		Hi-Hat Open 2			
47	B1	B2			Mid Tom L		Hybrid Tom 4	Tom Room 4	Tom Rock 4	Tom Electro 4
48	C2	C3			Mid Tom H		Hybrid Tom 5	Tom Room 5	Tom Rock 5	Tom Electro 5
49	C#2	C#3			Crash Cymbal 1					
50	D2	D3			High Tom		Hybrid Tom 6	Tom Room 6	Tom Rock 6	Tom Electro 6
51	D#2	D#3			Ride Cymbal 1					
52	E2	E3			Chinese Cymbal					
53	F2	F3			Ride Cymbal Cup					
54	F#2	F#3			Tambourine		Tambourine Light			
55	G2	G3			Splash Cymbal					
56	G#2	G#3			Cowbell					
57	A2	A3			Crash Cymbal 2					
58	A#2	A#3			Vibraslap					
59	B2	B3			Ride Cymbal 2					
60	C3	C4			Bongo H					
61	C#3	C#4			Bongo L					
62	D3	D4			Conga H Mute					
63	D#3	D#4			Conga H Open					
64	E3	E4			Conga L					
65	F3	F4			Timbale H					
66	F#3	F#4			Timbale L					
67	G3	G4			Agogo H					
68	G#3	G#4			Agogo L					
69	A3	A4			Cabasa					
70	A#3	A#4			Maracas					
71	B3	B4	●		Samba Whistle H					
72	C4	C5	●		Samba Whistle L					
73	C#4	C#5			Guiro Short					
74	D4	D5	●		Guiro Long					
75	D#4	D#5			Claves					
76	E4	E5			Wood Block H					
77	F4	F5			Wood Block L					
78	F#4	F#5			Cuica Mute					Scratch H 2
79	G4	G5			Cuica Open					Scratch L 2
80	G#4	G#5		2	Triangle Mute					
81	A4	A5		2	Triangle Open					
82	A#4	A#5			Shaker					
83	B4	B5			Jingle Bells					
84	C5	C6			Bell Tree					
85	C#5	(C#6)								
86	D5	(D#6)								
87	D#5	(D#6)								
88	E5	(E6)								
89	F5	(F6)								
90	F#5	(F#6)								
91	G5	(G6)								

Same as Standard Kit 1
No Sound

*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).
*2 Key Off: Keys marked "●" stop sounding the instant they are released.
*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

	Analog Kit	Dance Kit	Jazz Kit	Brush Kit	Symphony Kit	HipHop Kit
CVP-509 (*1)	○	○	○	○ (Live!)	○ (Live!)	○
CVP-505 (*1)	○	○	○	○	○	○
CVP-503 (*1)	○	○	○	○	○	
CVP-501 (*1)	○	○	○	○	○	

Bank Select MSB (0-127)					127	127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0	0
Program Change (0-127)					25	27	32	40	48	56
Program Change (1-128)					26	28	33	41	49	57
MIDI	Key	Keyboard	Key	Alternate	Analog Kit	Dance Kit	Jazz Kit	Brush Kit	Symphony Kit	HipHop Kit
Note#	Note	Note	Off	Group						
			(*2)	(*3)						
13	C#-1	C#0		3		Kick Dance 1				
14	D-1	D0		3		Kick Dance 2				
15	D#-1	D#0								
16	E-1	E0								
17	F-1	F0		4		Scratch Dance 1				
18	F#-1	F#0		4		Scratch Dance 2				
19	G-1	G0								Hi-Hat Closed T8 2
20	G#-1	G#0								Tom T8 3
21	A-1	A0				Dance Perc 1				Hi-Hat Open T8 2
22	A#-1	A#0				Reverse Dance 1				Tom T8 6
23	B-1	B0				Dance Perc 2				Crash T8
24	C0	C1				Hi Q Dance 1				Triangle Mute
25	C#0	C#1				Snare Analog 3				Triangle Open
26	D0	D1	●			Vinyl Noise				Bell Tree
27	D#0	D#1				Snare Analog 4				Tambourine RX5
28	E0	E1	●		Reverse Cymbal	Reverse Cymbal				Tambourine RX5 2
29	F0	F1	●			Reverse Dance 2				Kick HipHop 9
30	F#0	F#1			Hi Q 2	Hi Q 2				Hi-Hat Closed Tek
31	G0	G1			Snare Noisy 4	Snare Techno	Snare Jazz H	Brush Slap 2		Kick Gate
32	G#0	G#1				Snare Dance 1				Hi-Hat Open Lo-Fi
33	A0	A1			Kick 3	Kick Techno Q			Kick Soft 2	Kick Gran Casa Open
34	A#0	A#1				Rim Gate		Open Rim Shot Light		Hi-Hat Reverse Drum&Bass
35	B0	B1			Kick Analog Short	Kick Techno L			Gran Cassa	Kick HipHop 1
36	C1	C2			Kick Analog	Kick Techno	Kick Jazz	Kick Jazz	Gran Cassa Mute	Kick Analog CR
37	C#1	C#2			Side Stick Analog	Side Stick Analog	Side Stick Light	Side Stick Light		Snare Analog Sm Rim
38	D1	D2			Snare Analog	Snare Clap	Snare Jazz L	Brush Slap 3	Band Snare	Snare HipHop 1
39	D#1	D#2				Dance Clap				Snare Clappy
40	E1	E2			Snare Analog 2	Snare Dry	Snare Jazz M	Brush Tap 2	Band Snare 2	Snare HipHop 2
41	F1	F2			Tom Analog 1	Tom Analog 1		Tom Brush 1		Floor Tom L
42	F#1	F#2		1	Hi-Hat Closed Analog	Hi-Hat Closed 3				Hi-Hat Closed Hip
43	G1	G2			Tom Analog 2	Tom Analog 2		Tom Brush 2		Low Tom
44	G#1	G#2		1	Hi-Hat Closed Analog 2	Hi-Hat Closed Analog 3				Hi-Hat Pedal Hip
45	A1	A2			Tom Analog 3	Tom Analog 3		Tom Brush 3		Mid Tom L
46	A#1	A#2		1	Hi-Hat Open Analog	Hi-Hat Open 3				Hi-Hat Open Hip
47	B1	B2			Tom Analog 4	Tom Analog 4		Tom Brush 4		High Tom
48	C2	C3			Tom Analog 5	Tom Analog 5		Tom Brush 5		Ride Cymbal 3
49	C#2	C#3			Crash Analog	Crash Analog			Hand Cymbal	Crash Cymbal 3
50	D2	D3			Tom Analog 6	Tom Analog 6		Tom Brush 6		Shaker 2
51	D#2	D#3							Hand Cymbal Short	Scratch Bass Drum Forward
52	E2	E3								Scratch Bass Drum Reverse
53	F2	F3								Kick HipHop 2
54	F#2	F#3				Tambourine Analog				Snare HipHop Rim 2
55	G2	G3								HipHop Clap 2
56	G#2	G#3			Cowbell Analog	Cowbell Dance				HipHop Snap 1
57	A2	A3							Hand Cymbal 2	Snare HipHop 3
58	A#2	A#3				Vbraslap Analog				Electric Clap 2
59	B2	B3				Ride Analog			Hand Cymbal 2 Short	Kick Hip Deep
60	C3	C4				Bongo Analog H				Kick HipHop 3
61	C#3	C#4				Bongo Analog L				Snare HipHop Rim 3
62	D3	D4			Conga Analog H	Conga Analog H				Snare HipHop 5
63	D#3	D#4			Conga Analog M	Conga Analog M				Electric Clap 1
64	E3	E4			Conga Analog L	Conga Analog L				Handbell H
65	F3	F4								Kick HipHop 4
66	F#3	F#4								HipHop Clap 3
67	G3	G4								HipHop Snap 2
68	G#3	G#4								Snare HipHop Rim 5
69	A3	A4								HipHop flex 1
70	A#3	A#4			Maracas 2	Maracas 2				HipHop flex 2
71	B3	B4	●							Shaker 2
72	C4	C5	●							Kick HipHop 5
73	C#4	C#5								Snare HipHop Rim 4
74	D4	D5	●							Snare HipHop 6
75	D#4	D#5			Claves 2	Claves 2				Snare HipHop 11
76	E4	E5				Dance Perc 3				Kick HipHop 10
77	F4	F5				Dance Perc 4				Snare HipHop 7
78	F#4	F#5			Scratch H 2	Dance Breath 1				HipHop Clap 5
79	G4	G5			Scratch L 2	Dance Breath 2				Conga H Tip
80	G#4	G#5		2						Conga H Heel
81	A4	A5		2						Conga H Open
82	A#4	A#5								Conga L Open 1
83	B4	B5								Conga L Open 2
84	C5	C6								Kick HipHop 8
85	C#5	(C#6)								HipHop Clap 6
86	D5	(D#6)								Snare T8 1
87	D#5	(E6)								Snare T8 1 H
88	E5	(E6)								HipHop Clap 7
89	F5	(F6)								Tom T8 1
90	F#5	(F#6)								Hi-Hat Closed T8 2
91	G5	(G6)								Tom T8 2

Same as Standard Kit 1
No Sound

*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).
*2 Key Off: Keys marked "●" stop sounding the instant they are released.
*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

CVP-509 (*1)	○	○	○	○ (Live!)	○
CVP-505 (*1)	○	○	○	○	
CVP-503 (*1)				○	
CVP-501 (*1)					

Bank Select MSB (0-127)					127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0
Program Change (0-127)					57	58	59	86	87
Program Change (1-128)					58	59	60	87	88
MIDI	Keyboard	Key	Alternate	Break Kit	AnalogT8 Kit	AnalogT9 Kit	Studio Kit	Live! Power Kit 1	
Note#	Note	Off (*2)	Group (*3)						
13	C#-1	C#0							
14	D-1	D0							
15	D#-1	D#0							
16	E-1	E0							
17	F-1	F0							
18	F#-1	F#0							
19	G-1	G0							
20	G#-1	G#0		Snare Break 8	Snare Hammer	Snare Drum&Bass 1			
21	A-1	A0		Snare Break 9	Kick ZapHard	Kick Break 2			
22	A#-1	A#0		Hi-Hat Closed Break 1	Snare Garg L	Snare Distortion			
23	B-1	B0		Hi-Hat Closed Break 2	Kick TekPower	Kick TekPower			
24	C0	C1		Hi-Hat Closed Break 2	Kick Slimy	Kick Distortion RM			
25	C#0	C#1		Kick Break Deep	Kick T8 1	Kick T9 2			
26	D0	D1	●	Snare Hip	Snare Analog CR	Snare Analog CR			
27	D#0	D#1		Snare Lo-Fi	Snare T8 4	Snare T9 5			
28	E0	E1	●	Snare Clappy	Snare Clap Analog	Clap Analog Sm			
29	F0	F1	●	Snare LdwH Mono	Snare T8 3	Snare T9 Gate			
30	F#0	F#1		Snare Rock Roll	Tom T8 5	Snare Rock Roll			
31	G0	G1		Snare Gate 1	Snare T8 5	Snare T9 3			
32	G#0	G#1		Snare Mid	Kick T8 3	Snare T9 4	Snare Studio L	Snare Soft Power 1	
33	A0	A1		Snare Break Rim	Snare T8 4	Snare T9 Gate			
34	A#0	A#1		Kick Break Heavy	Kick T8 2	Kick T9 4	Kick Amb H	Kick Amb+	
35	B0	B1		Snare Hip Rim 4	Snare T8 3	Snare T9 5	Open Rim Shot	Open Rim Power 1	
36	C1	C2		Kick Break 2	T8 Kick Bass	Kick T9 1	Kick Amb L	Kick Power Open	
37	C#1	C#2		Kick Break 1	Kick T8 1	Kick T9 3	Kick Studio	Kick Power Closed	
38	D1	D2		Snare Hip Rim 1	Snare T8 Rim	Snare T9 Rim	Side Stick	Side Stick Power	
39	D#1	D#2		Snare Break 3	Snare T8 2	Snare T9 1	Snare Studio M	Snare Power	
40	E1	E2		Snare Break 1	Clap T9	Clap T9	Hand Clap	Hand Clap Power	
41	F1	F2		Snare Break 2	Snare T8 1	Snare T9 2	Snare Studio L	Snare Rough	
42	F#1	F#2	1	Tom Break 1	Tom T8 1	Tom T9 1		Tom Power 1	
43	G1	G2		Hi-Hat Closed Rock Soft	Hi-Hat Closed T8 2	Hi-Hat Closed T9		Hi-Hat Closed Power	
44	G#1	G#2	1	Tom Break 22	Tom T8 2	Tom T9 2		Tom Power 2	
45	A1	A2		Hi-Hat Pedal Rock	Hi-Hat Open T8 1	Hi-Hat Pedal T9		Hi-Hat Pedal Power	
46	A#1	A#2	1	Tom Break 3	Tom T8 3	Tom T9 3		Tom Power 3	
47	B1	B2		Hi-Hat Half Open Rock	Hi-Hat Open T8 1	Hi-Hat Open T9		Hi-Hat Open Power	
48	C2	C3		Tom Break 4	Tom T8 4	Tom T9 4		Tom Power 4	
49	C#2	C#3		Tom Break 5	Tom T8 6	Tom T9 5		Tom Power 5	
50	D2	D3		Crash Cymbal 2	Crash T8	Crash T9		Crash Cymbal Acoustic 1	
51	D#2	D#3		Tom Break 6	Tom T8 7	Tom T9 6		Tom Power 6	
52	E2	E3		Ride Cymbal 3	Ride T9	Ride T9		Ride Cymbal Acoustic 1	
53	F2	F3		Chinese Cymbal 2	Chinese Cymbal 2	Chinese Cymbal 2		Chinese Cymbal Acoustic	
54	F#2	F#3		Ride Cymbal Cup 2	Ride Cymbal Cup 2	Ride Cymbal Cup 2		Ride Cymbal Acoustic	
55	G2	G3		Tambourine 1 Hit	Tambourine RX5	Tambourine RX5			
56	G#2	G#3		Crash Cymbal 3	Splash Cymbal	Crash Cymbal 3		Splash Cymbal Acoustic	
57	A2	A3		Cowbell 1	Cowbell T8	Cowbell 1			
58	A#2	A#3		Crash Cymbal 2	Crash Cymbal 4	Crash Cymbal 4		Crash Cymbal Acoustic 2	
59	B2	B3		Cowbell RX11	Vibraslap	Cowbell T8			
60	C3	C4		Ride Cymbal 2	Ride Cymbal 3	Ride Cymbal 3		Ride Cymbal Acoustic 2	
61	C#3	C#4		Bongo H	Conga T8 5	Conga T8 5			
62	D3	D4		Bongo L	Conga T8 4	Conga T8 4			
63	D#3	D#4		Conga H Tip	Conga T8 3	Conga Tip			
64	E3	E4		Conga H Open Slap	Conga T8 2	Conga Open Slap			
65	F3	F4		Conga H Open	Conga T8 1	Conga Open			
66	F#3	F#4		Bongo 2 H	Timbale H	Timbale H			
67	G3	G4		Bongo 2 L	Timbale L	Timbale L			
68	G#3	G#4		Conga Open	Glass H	Analog Click			
69	A3	A4		Agogo L	Glass L	Conga T8 1			
70	A#3	A#4		Cabasa	Cabasa	Cabasa			
71	B3	B4	●	Maracas Slur	Maracas T8	Maracas Slur			
72	C4	C5	●	Timbale H	FxGun 2	FxGun 2			
73	C#4	C#5	●	Timbale L	FxGun 1	FxGun 1			
74	D4	D5	●	Scratch H 2	Analog Shaker H	Scratch H 2			
75	D#4	D#5		Scratch Down	Analog Shaker L	Scratch Down			
76	E4	E5		Clave	Clave T8	Hi Q 3			
77	F4	F5		Wood Block H	Hi Q 1	Hi Q 1			
78	F#4	F#5		Wood Block L	Hi Q 2	Hi Q 2			
79	G4	G5		Scratch L	Scratch L	Scratch L			
80	G#4	G#5	2	Scratch L 2	Scratch L 2	Scratch L 2			
81	A4	A5	2	Triangle Mute	Triangle Mute	Triangle Mute			
82	A#4	A#5		Triangle Open	Triangle Open	Triangle Open			
83	B4	B5		Kick Break 3	Analog Shaker	Analog Shaker			
84	C5	C6		Kick Break 4	Sleigh Bell	Sleigh Bell			
85	C#5	(C#6)		Kick Break 5	Bell Tree	Bell Tree	Bell Tree		
86	D5	(D6)		Kick Break 6	Snare Hip 1	Snare Piccolo			
87	D#5	(D#6)		Kick Break 7	Snare Hip 2	Snare T8 5			
88	E5	(E6)		Hi-Hat Closed Break 3	Snare Hip Gate	Snare Rock Roll Distortion			
89	F5	(F6)		Snare Break 4	Snare Break 1	Snare Brush Mute			
90	F#5	(F#6)		Snare Break 5	Kick Blip	Kick Blip Hard			
91	G5	(G6)		Snare Break 6	Snare FX 1	Snare Jungle 1			
91	G5	(G6)		Snare Break 7	Kick FxHammer	Kick Sustain			

Same as Standard Kit 1
No Sound

*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).
*2 Key Off: Keys marked "●" stop sounding the instant they are released.
*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

Drum/key Assignment List / Liste der Tastenzuordnungen der Schlaginstrumente / Liste d'assignation instrument de batterie/touche du clavier / Lista de asignación de teclas/batería

					Live! Power Kit 2	Power Kit 1	Power Kit 2	Live! Acoustic Kit	Live! Rock Kit
CVP-509 (*1)					○			○	○
CVP-505 (*1)						○	○		
CVP-503 (*1)						○	○		
CVP-501 (*1)									
Bank Select MSB (0-127)					127	127	127	127	127
Bank Select LSB (0-127)					0	0	0	0	0
Program Change (0-127)					88	87	88	89	90
Program Change (1-128)					89	88	89	90	91
MIDI		Keyboard Note	Key Off (*2)	Alternate Group (*3)	Live! Power Kit 2	Power Kit 1	Power Kit 2	Live! Acoustic Kit	Live! Rock Kit
Note#	Note								
13	C#-1	C#0		3					
14	D-1	D0		3					
15	D#-1	D#0							
16	E-1	E0							
17	F-1	F0		4					
18	F#-1	F#0		4					
19	G-1	G0							
20	G#-1	G#0							
21	A-1	A0							
22	A#-1	A#0							
23	B-1	B0							
24	C0	C1							
25	C#0	C#1							
26	D0	D1	●						
27	D#0	D#1							
28	E0	E1	●						
29	F0	F1	●					Snare Roll Acoustic	Snare Roll Rock
30	F#0	F#1							
31	G0	G1			Snare Soft Power 2	Snare Soft Power 1	Snare Soft Power 2	Snare Soft Acoustic	Snare Soft Rock
32	G#0	G#1							
33	A0	A1			Kick Amb+	Kick Amb+	Kick Amb+	Kick Soft Acoustic	Kick Soft Rock
34	A#0	A#1			Open Rim Power 2	Open Rim Power 1	Open Rim Power 2	Rim Acoustic	Rim Rock
35	B0	B1			Kick Power Open	Kick Power Open	Kick Power Open	Kick Close Acoustic	Kick Rock Heavy
36	C1	C2			Kick Power Closed	Kick Power Closed	Kick Power Closed	Kick Open Acoustic	Kick Rock
37	C#1	C#2			Side Stick Power	Side Stick Power	Side Stick Power	Stick Acoustic	Stick Rock
38	D1	D2			Snare Power Snappy	Snare Power	Snare Power Snappy	Snare Acoustic	Snare Rock
39	D#1	D#2			Hand Clap Power	Hand Clap Power	Hand Clap Power	Hand Clap Power	Hand Clap Power
40	E1	E2			Snare Loose	Snare Rough	Snare Loose	Snare Rough Acoustic	Snare Dry Rock
41	F1	F2			Tom Power 1	Tom Power 1	Tom Power 1	Tom Acoustic 1	Tom Rock 1
42	F#1	F#2	1		Hi-Hat Closed Power+Edge	Hi-Hat Closed Power	Hi-Hat Closed Power+Edge	Hi-Hat Closed Acoustic	Hi-Hat Closed Rock
43	G1	G2			Tom Power 2	Tom Power 2	Tom Power 2	Tom Acoustic 2	Tom Rock 2
44	G#1	G#2	1		Hi-Hat Pedal Power	Hi-Hat Pedal Power	Hi-Hat Pedal Power	Hi-Hat Pedal Acoustic	Hi-Hat Pedal Rock
45	A1	A2			Tom Power 3	Tom Power 3	Tom Power 3	Tom Acoustic 3	Tom Rock 3
46	A#1	A#2	1		Hi-Hat Open Power	Hi-Hat Open Power	Hi-Hat Open Power	Hi-Hat Open Acoustic	Hi-Hat Open Rock
47	B1	B2			Tom Power 4	Tom Power 4	Tom Power 4	Tom Acoustic 4	Tom Rock 4
48	C2	C3			Tom Power 5	Tom Power 5	Tom Power 5	Tom Acoustic 5	Tom Rock 5
49	C#2	C#3			Crash Cymbal Acoustic 1	Crash Cymbal 1	Crash Cymbal 1	Crash Cymbal Acoustic 1	Crash Cymbal Acoustic 1
50	D2	D3			Tom Power 6	Tom Power 6	Tom Power 6	Tom Acoustic 6	Tom Rock 6
51	D#2	D#3			Ride Cymbal Acoustic 1	Ride Cymbal 1	Ride Cymbal 1	Ride Cymbal Acoustic 1	Ride Cymbal Acoustic 1
52	E2	E3			Chinese Cymbal Acoustic	Chinese Cymbal	Chinese Cymbal	Chinese Cymbal Acoustic	Chinese Cymbal Acoustic
53	F2	F3			Ride Cymbal Acoustic	Ride Cymbal Cup	Ride Cymbal Cup	Ride Cymbal Acoustic	Ride Cymbal Acoustic
54	F#2	F#3							
55	G2	G3			Splash Cymbal Acoustic	Splash Cymbal	Splash Cymbal	Splash Cymbal Acoustic	Splash Cymbal Acoustic
56	G#2	G#3							
57	A2	A3			Crash Cymbal Acoustic 2	Crash Cymbal 2	Crash Cymbal 2	Crash Cymbal Acoustic 2	Crash Cymbal Acoustic 2
58	A#2	A#3							
59	B2	B3			Ride Cymbal Acoustic 2	Ride Cymbal 2	Ride Cymbal 2	Ride Cymbal Acoustic 2	Ride Cymbal Acoustic 2
60	C3	C4							
61	C#3	C#4							
62	D3	D4							
63	D#3	D#4							
64	E3	E4							
65	F3	F4							
66	F#3	F#4							
67	G3	G4							
68	G#3	G#4							
69	A3	A4							
70	A#3	A#4							
71	B3	B4	●						
72	C4	C5	●						
73	C#4	C#5							
74	D4	D5	●						
75	D#4	D#5							
76	E4	E5							
77	F4	F5							
78	F#4	F#5							
79	G4	G5							
80	G#4	G#5							
81	A4	A5	2						
82	A#4	A#5							
83	B4	B5							
84	C5	C6							
85	C#5	(C#6)							
86	D5	(D6)							
87	D#5	(D#6)							
88	E5	(E6)							
89	F5	(F6)							
90	F#5	(F#6)							
91	G5	(G6)							

Same as Standard Kit 1
No Sound

*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).
*2 Key Off: Keys marked "●" stop sounding the instant they are released.
*3 Alternate Group: Playing any instrument within a numbered group will immediately stop the sound of any other instrument in the same group of the same number.

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CVP-509 (*1)	Arabic Kit	SFX Kit 1*	SFX Kit 2*	Cuban Kit	PopLatin Kit	Live! Turkish Kit
	○	○	○	○ (Live!)	○ (Live!)	○
CVP-505 (*1)	○	○	○	○	○	
CVP-503 (*1)	○	○	○	○	○	
CVP-501 (*1)	○	○	○	○		

Bank Select MSB (0-127)	126	126	126	126	126	126
Bank Select LSB (0-127)	0	0	0	0	0	0
Program Change (0-127)	35	0	1	40	43	67
Program Change (1-128)	36	1	2	41	44	68

MIDI		Keyboard	Arabic Kit	SFX Kit 1*	SFX Kit 2*	Cuban Kit	PopLatin Kit	Live! Turkish Kit
Note#	Note	Note						
13	C#-1	C#0					Cajon Low**	Asma Davul Left Side
14	D-1	D0					Cajon Slap**	Asma Davul Right Side
15	D#-1	D#0					Cajon Tip**	Asma Davul Side Body
16	E-1	E0					Claves High**	Asma Davul Both Sides
17	F-1	F0					Claves Low**	Koltuk Davul Open Flam
18	F#-1	F#0					Hand Clap	Koltuk Davul Teke Open
19	G-1	G0						Koltuk Davul Tek Open
20	G#-1	G#0					Finger Snap**	Koltuk Davul Dum
21	A-1	A0					Castanet**	Bendir Teke Open Flam
22	A#-1	A#0				Conga H Tip	Conga H Tip	Bendir Teke Dead
23	B-1	B0				Conga H Heel	Conga H Heel	Bendir Tek Dead
24	C0	C1	Nakarazan Dom			Conga H Open	Conga H Open	Bendir Teke
25	C#0	C#1	Cabasa			Conga H Mute	Conga H Mute	Bendir Tek
26	D0	D1	Nakarazan Edge			Conga H Slap Open	Conga H Slap Open	Bendir Slap
27	D#0	D#1	Hager Dom			Conga H Slap	Conga H Slap	Bendir Dum
28	E0	E1	Hager Edge			Conga H Slap Mute	Conga H Slap Mute	Zil Right Close
29	F0	F1	Bongo H			Conga L Tip	Conga L Tip	Zil Right Open
30	F#0	F#1	Bongo L			Conga L Heel	Conga L Heel	Zil Left Close
31	G0	G1	Conga H Mute			Conga L Open	Conga L Open	Zil Left Open
32	G#0	G#1	Conga H Open			Conga L Mute	Conga L Mute	Tef Teke Flam
33	A0	A1	Conga L			Conga L Slap Open	Conga L Slap Open	Tef Tek Mute
34	A#0	A#1	Zagrouda H			Conga L Slap	Conga L Slap	Tef Teke Damped
35	B0	B1	Zagrouda L			Conga L Slide	Conga L Slide	Tef Tek Mute Medium
36	C1	C2	Kick Soft	Cutting Noise	Phone Call	Bongo H Open 1 Finger	Bongo H Open 1 finger	Tef Dum Mute
37	C#1	C#2		Cutting Noise 2	Door Squeak	Bongo H Open 3 Finger	Bongo H Open 3 finger	Tef Cymbal
38	D1	D2	Snare Soft		Door Slam	Bongo H Rim	Bongo H Rim	Tef Cymbal Mute
39	D#1	D#2	Arabic Hand Clap	String Slap	Scratch Cut	Bongo H Tip	Bongo H Tip	Tef Tremolo
40	E1	E2	Snare		Scratch H 3	Bongo H Heel	Bongo H Heel	Tef Shake 1
41	F1	F2			Wind Chime	Bongo H Slap	Bongo H Slap	Tef Shake 2
42	F#1	F#2			Telephone Ring 2	Bongo L Open 1 Finger	Bongo L Open 1 finger	Tef Tek Flam
43	G1	G2				Bongo L Open 3 Finger	Bongo L Open 3 finger	Tef Full Open
44	G#1	G#2				Bongo L Rim	Bongo L Rim	Tef Teke Open Short
45	A1	A2				Bongo L Tip	Bongo L Tip	Tef Tek Open Short
46	A#1	A#2				Bongo L Heel	Bongo L Heel	Tef Tek Open
47	B1	B2				Bongo L Slap	Bongo L Slap	Tef Dum Open
48	C2	C3				Timbale L Open	Timbale L Open	Hollo Finger Dead
49	C#2	C#3						Hollo Slap
50	D2	D3						Hollo Dum
51	D#2	D#3						Kasik
52	E2	E3	Crash Cymbal 2	Flute Key Click	Car Engine Ignition			Kasik Flam
53	F2	F3	Duhulla Dom		Car Tires Squeal	Paila L	Paila L	Bass Darbuka Tek Dead
54	F#2	F#3			Car Passing	Timbale H Open	Timbale H Open	Bass Darbuka Tek Flam
55	G2	G3	Duhulla Tak		Car Crash			Bass Darbuka Teke
56	G#2	G#3			Siren			Bass Darbuka Teke Other Finger
57	A2	A3	Duhulla Sak		Train			Bass Darbuka Teke Index Finger
58	A#2	A#3	Claves		Jet Plane			Bass Darbuka Tek
59	B2	B3	Doff Dom		Starship	Paila H	Paila H	Bass Darbuka Slap
60	C3	C4	Katem Dom		Burst	Cowbell Top	Cowbell Top	Bass Darbuka Slap Medium
61	C#3	C#4	Katem Tak		Roller Coaster	Cowbell 1**	Cowbell 1**	Bass Darbuka Dum
62	D3	D4	Katem Sak		Submarine	Cowbell 2**	Cowbell 2**	Darbuka Roll Close
63	D#3	D#4	Katem Tak			Cowbell 3**	Cowbell 3**	Darbuka Roll Open
64	E3	E4	Doff Tak			Guiro Short	Guiro Short	Darbuka Teke Damped Flam
65	F3	F4	Tabla Dom			Guiro Long	Guiro Long	Darbuka Tek Dead
66	F#3	F#4	Tabla Tak1				Metal Guiro Short**	Darbuka Tek Damped
67	G3	G4	Tabla Tik				Metal Guiro Long**	Darbuka Teke Open Flam
68	G#3	G#4	Tabla Tak2	Shower	Laugh	Tambourine	Tambourine	Darbuka Teke Open
69	A3	A4	Tabla Sak	Thunder	Scream		Tambourim Open**	Darbuka Teke Other Finger 1
70	A#3	A#4	Tabla Roll of Edge	Wind	Punch		Tambourim Mute**	Darbuka Teke Index Finger 1
71	B3	B4	Tabla Flam	Stream	Heart Beat		Tambourim Tip**	Darbuka Tek 1
72	C4	C5	Sagat 1	Bubble	Foot Steps	Maracas	Maracas	Darbuka Teke Other Finger 2
73	C#4	C#5	Tabel Dom	Feed		Shaker	Shaker	Darbuka Teke Index Finger 2
74	D4	D5	Sagat 3			Cabasa	Cabasa	Darbuka Tek 2
75	D#4	D#5	Tabel Tak				Cuica Mute	Darbuka Slap Medium
76	E4	E5	Sagat 2				Cuica Open	Darbuka Slap
77	F4	F5	Rik Dom				Cowbell High 1**	Darbuka Dum
78	F#4	F#5	Rik Tak 2				Cowbell High 2**	Bongo Tek Roll
79	G4	G5	Rik Finger 1				Shekere**	Bongo Flam
80	G#4	G#5	Rik Tak 1				Shekere Tone**	Bongo Tek Flam
81	A4	A5	Rik Finger 2				Triangle Mute	Bongo Tek
82	A#4	A#5	Rik Brass Tremolo				Triangle Open	Bongo Slap
83	B4	B5	Rik Sak					Bongo Flam Hi
84	C5	C6	Rik Tik	Dog	Machine Gun		Bell Tree	Bongo Dum
85	C#5	(C#6)		Horse	Laser Gun			
86	D5	(D6)		Bird Tweet 2	Explosion			
87	D#5	(D#6)			Firework			
88	E5	(E6)						
89	F5	(F6)						
90	F#5	(F#6)		Ghost				
91	G5	(G6)		Maou				

Same as Standard Kit 1
No Sound

* Actual Keyboard Notes of the SFX Kit 1 and 2 are one octave lower than the ones described in the above list.
** Not available (does not sound) on the CVP-501.
*1 Drum Kits indicated by a circle (O) in the chart are included in the corresponding instrument(s).

GM2 Drum Kit / SFX Kit

Bank Select MSB (0-127)			120	120	120	120	120
Bank Select LSB (0-127)			0	0	0	0	0
Program Change (0-127)			0	8	16	24	25
Program Change (1-128)			1	9	17	25	26
MIDI			Standard Set	Room Set	Power Set	Electronic Set	Analog Set
Note#	Note	Keyboard Note					
13	C#-1	C#0					
14	D-1	D0					
15	D#-1	D#0					
16	E-1	E0					
17	F-1	F0					
18	F#-1	F#0					
19	G-1	G0					
20	G#-1	G#0					
21	A-1	A0					
22	A#-1	A#0					
23	B-1	B0					
24	C0	C1					
25	C#0	C#1					
26	D0	D1					
27	D#0	D#1	High Q				
28	E0	E1	Slap				
29	F0	F1	Scratch Push				
30	F#0	F#1	Scratch Pull				
31	G0	G1	Sticks				
32	G#0	G#1	Square Click				
33	A0	A1	Metronome Click				
34	A#0	A#1	Metronome Bell				
35	B0	B1	Acoustic Bass Drum				
36	C1	C2	Bass Drum 1		Power Kick Drum	Electric Bass Drum	Analog Bass Drum
37	C#1	C#2	Side Stick				Analog Rim Shot
38	D1	D2	Acoustic Snare		Power Snare Drum	Electric Snare 1	Analog Snare 1
39	D#1	D#2	Hand Clap				
40	E1	E2	Electric Snare			Electric Snare 2	
41	F1	F2	Low Floor Tom	Room Low Tom 2	Power Low Tom 2	Electric Low Tom 2	Analog Low Tom 2
42	F#1	F#2	Closed Hi-hat				Analog CHH 1
43	G1	G2	High Floor Tom	Room Low Tom 1	Power Low Tom 1	Electric Low Tom 1	Analog Low Tom 1
44	G#1	G#2	Pedal Hi-hat				Analog CHH 2
45	A1	A2	Low Tom	Room Mid Tom 2	Power Mid Tom 2	Electric Mid Tom 2	Analog Mid Tom 2
46	A#1	A#2	Open Hi-hat				Analog OHH
47	B1	B2	Low-Mid Tom	Room Mid Tom 1	Power Mid Tom 1	Electric Mid Tom 1	Analog Mid Tom 1
48	C2	C3	High Mid Tom	Room Hi Tom 2	Power Hi Tom 2	Electric Hi Tom 2	Analog Hi Tom 2
49	C#2	C#3	Crash Cymbal 1				Analog Cymbal
50	D2	D3	High Tom	Room Hi Tom 1	Power Hi Tom 1	Electric Hi Tom 1	Analog Hi Tom 1
51	D#2	D#3	Ride Cymbal 1				
52	E2	E3	Chinese Cymbal			Reverse Cymbal	
53	F2	F3	Ride Bell				
54	F#2	F#3	Tambourine				
55	G2	G3	Splash Cymbal				
56	G#2	G#3	Cowbell				Analog Cowbell
57	A2	A3	Crash Cymbal 2				
58	A#2	A#3	Vibra-slap				
59	B2	B3	Ride Cymbal 2				
60	C3	C4	High Bongo				
61	C#3	C#4	Low Bongo				
62	D3	D4	Mute Hi Conga				Analog High Conga
63	D#3	D#4	Open Hi Conga				Analog Mid Conga
64	E3	E4	Low Conga				Analog Low Conga
65	F3	F4	High Timbale				
66	F#3	F#4	Low Timbale				
67	G3	G4	High Agogo				
68	G#3	G#4	Low Agogo				
69	A3	A4	Cabasa				
70	A#3	A#4	Maracas				Analog Maracas
71	B3	B4	Short Whistle				
72	C4	C5	Long Whistle				
73	C#4	C#5	Short Guiro				
74	D4	D5	Long Guiro				
75	D#4	D#5	Claves				Analog Claves
76	E4	E5	Hi Wood Block				
77	F4	F5	Low Wood Block				
78	F#4	F#5	Mute Cuica				
79	G4	G5	Open Cuica				
80	G#4	G#5	Mute Triangle				
81	A4	A5	Open Triangle				
82	A#4	A#5	Shaker				
83	B4	B5	Jingle Bell				
84	C5	C6	Bell Tree				
85	C#5	(C#6)	Castanets				
86	D5	(D6)	Mute Surdo				
87	D#5	(D#6)	Open Surdo				
88	E5	(E6)					
89	F5	(F6)					
90	F#5	(F#6)					
91	G5	(G6)					

Same as Standard Kit 1

No Sound

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Bank Select MSB (0-127)			120	120	120	120
Bank Select LSB (0-127)			0	0	0	0
Program Change (0-127)			32	40	48	56
Program Change (1-128)			33	41	49	57
MIDI		Keyboard	Jazz Set	Brush Set	Orchestra Set	SFX Set
Note#	Note	Note				
13	C#-1	C#0				
14	D-1	D0				
15	D#-1	D#0				
16	E-1	E0				
17	F-1	F0				
18	F#-1	F#0				
19	G-1	G0				
20	G#-1	G#0				
21	A-1	A0				
22	A#-1	A#0				
23	B-1	B0				
24	C0	C1				
25	C#0	C#1				
26	D0	D1				
27	D#0	D#1			Closed Hi-hat 2	
28	E0	E1			Pedal Hi-hat	
29	F0	F1			Open Hi-hat 2	
30	F#0	F#1			Ride Cymbal 1	
31	G0	G1				
32	G#0	G#1				
33	A0	A1				
34	A#0	A#1				
35	B0	B1	Jazz Kick 2	Jazz Kick 2	Concert BD 2	
36	C1	C2	Jazz Kick 1	Jazz Kick 1	Concert BD 1	
37	C#1	C#2				
38	D1	D2		Brush Tap	Concert SD	
39	D#1	D#2		Brush Slap	Castanets	High Q
40	E1	E2		Brush Swirl	Concert SD	Slap
41	F1	F2			Timpani F	Scratch Push
42	F#1	F#2			Timpani F#	Scratch Pull
43	G1	G2			Timpani G	Sticks
44	G#1	G#2			Timpani G#	Square Click
45	A1	A2			Timpani A	Metronome Click
46	A#1	A#2			Timpani A#	Metronome Bell
47	B1	B2			Timpani B	Guitar Fret
48	C2	C3			Timpani c	Guitar Cutting Noise Up
49	C#2	C#3			Timpani c#	Guitar Cutting Noise Down
50	D2	D3			Timpani d	String Slap of Double Bass
51	D#2	D#3			Timpani d#	Fl.Key Click
52	E2	E3			Timpani e	Laughing
53	F2	F3			Timpani f	Scream
54	F#2	F#3				Punch
55	G2	G3				Heart Beat
56	G#2	G#3				Footsteps 1
57	A2	A3			Concert Cymbal 2	Footsteps 2
58	A#2	A#3				Applause
59	B2	B3			Concert Cymbal 1	Door Creaking
60	C3	C4				Door
61	C#3	C#4				Scratch
62	D3	D4				Wind Chimes
63	D#3	D#4				Car-Engine
64	E3	E4				Car-Stop
65	F3	F4				Car-Pass
66	F#3	F#4				Car-Crash
67	G3	G4				Siren
68	G#3	G#4				Train
69	A3	A4				Jetplane
70	A#3	A#4				Helicopter
71	B3	B4				Starship
72	C4	C5				Gun Shot
73	C#4	C#5				Machine Gun
74	D4	D5				Lasergun
75	D#4	D#5				Explosion
76	E4	E5				Dog
77	F4	F5				Horse-Gallop
78	F#4	F#5				Birds
79	G4	G5				Rain
80	G#4	G#5				Thunder
81	A4	A5				Wind
82	A#4	A#5				Seashore
83	B4	B5				Stream
84	C5	C6				Bubble
85	C#5	(C#6)				
86	D5	(D6)				
87	D#5	(D#6)				
88	E5	(E6)			Applause	
89	F5	(F6)				
90	F#5	(F#6)				
91	G5	(G6)				

Same as Standard Kit 1

No Sound

Style List / Liste der Styles / Liste des styles / Lista de estilos

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Category	Style Name	
Pop&Rock	Standard8Beat	
	Live8Beat	
	Classic8Beat	
	EasyPop	
	70'sEasyPop	
	HardRock	
	80'sPowerRock	
	80'sPop	
	BritRockPop	
	GlamPianoRock	
	60'sVintageRock	
	60'sPianoPop	
	60'sVintagePop	
	ChartPianoShfl	
	ChartRockShfl	
	60'sChartSwing	
	70'sSwingPiano	
	BritPop	
	BritPopSwing	
	GermanRock	
	StandardRock	
	ContempRock	
	AcousticRock	
	FunkPopRock	
	SoftRock	
	90'sRockBallad	
	8BeatModern	
	WestCoastPop	
	Uptempo8Beat	
	ContempPop	
	VintageGtrPop	
	60'sPopRock	
	60's8Beat	
	60'sGuitarPop	
	70's8Beat	
	BubblegumPop	
	RockShuffle	
	KoolShuffle	
	FusionShuffle	
	PopShuffle	
	ScandPopShuffle	
	Unplugged	
	8BeatGtrPop	
	Classic16Beat	
	JazzPop	
	J-PopHit1	
	J-PopHit2	
	Ballad	ModernPopBld
		SoulR&B
		70'sGlamPiano
		70'sChartBallad
		80'sSynthPiano
		90'sCoolBallad
		80'sSmoothBld
		80'sPianoBallad
		ModernOrchBld
ChilloutCafe		
LightBallad		
PopBallad		
EasyBallad		
PowerBallad1		
EpicBallad		
8BeatBallad1		
8BeatBallad2		
16BeatBallad1		
16BeatBallad2		
R&BSoulBallad		
ElecOrgBallad		
SlowOrchBld		
MORWaltz		
PopGtrBallad		
EPBallad		
AnimationBld		
BroadwayBld		
ClassicPianoBld		
MovieBallad		
80'sMovieBallad		
70'sPopBallad		
80'sEPBallad		
80'sBoyBand		
PopWaltz		
ContempPopBld		
16BeatPop		
PopNewAge		

Category	Style Name	
Ballad	PopPianoBallad	
	Chillout1	
	Chillout2	
	6-8SlowRock	
	6-8Modern	
	6-8Orchestral	
	12-8Ballad	
	OrganBallad	
	PianoBallad	
	RomanticBallad	
	AnalogBallad	
	GuitarBallad	
	ChartBallad	
	LoveSong	
	Slow&Easy	
	GuitarSerenade	
	NewR&BBallad	
	8BeatAdria	
	PowerBallad2	
	Dance	Electronica
		ModernHipHop
		FunkyHouse
		Clubdance
		DreamDance
		FunkDisco
		70'sDisco1
		70'sDisco2
		70'sDiscoFunk
DiscoPhilly		
Ibiza2004		
Ibiza2002		
EuroTrance		
TrancePop		
DiscoTeens		
FrenchHouse		
ClubHouse		
DiscoHouse		
House		
SwingHouse		
ClassicHipHop		
NewHipHop		
EuroHipHop		
PopR&B		
ChartR&B		
80'sDisco		
MovieDisco		
SaturdayNight		
RetroPop		
USPop		
Groundbeat		
ChartPop		
TechnoParty		
LatinDJ's		
DiscoChocolate		
6-8Trance		
Swing&Jazz	ModBigBandShfl	
	ModBigBandBld	
	ModernBigBand	
	ClassicBigBand	
	DreamyBallad	
	JazzGtrClub	
	JazzGtrClubFast	
	ModernJazz	
	AcousticJazz	
	CoolJazz	
	OrchBigBand1	
	TradPianoJazz	
	ModernJazzBld	
	CoolJazzBallad	
	EasySwing	
	OrchBigBand2	
	TradPianoBallad	
	MORSwing	
	EasyListening	
	OrganCombo	
	BigBandFast1	
	BigBandMed1	
	OrchestraSwing1	
	OrchestraSwing2	
	JazzClub	
	BigBandFast2	
	BigBandMed2	
	JazzWaltzSlow	
	JazzWaltzMed	

Category	Style Name	
Swing&Jazz	JazzWaltzFast	
	Dixieland1	
	Ragtime1	
	Charleston	
	FrenchJazz	
	AfroCubanBB	
	Dixieland2	
	Ragtime2	
	Five-Four	
	OrganGroove	
	Bebop	
	MovieSwing1	
	MovieSwing2	
	TapDanceSwing	
	MidnightSwing	
	LoungePiano	
	40'sBigBand	
	MoonlightBallad	
	JumpJive	
	MoviePanther	
	R&B	ModernShuffle
		BluesRock
		70'sChartSoul
		SoulBrothers
		FranklySoul
		JazzFunk
		LiveSoulBand
		6-8Soul
		MotorCity
SlowBlues		
Rock&Roll1		
Rock&RollShfl		
Skiffle		
OldiesR&R		
Swingin' Boogie		
DetroitPop1		
DetroitPop2		
SoulShuffle		
Soul		
SoulBeat		
GospelSwing		
GospelSisters		
SouthernGospel		
GospelBrothers		
R&BBallad		
WorshipSlow		
WorshipMed		
WorshipFast		
WorshipIrishRk		
Worship6-8		
PianoBoogie		
ShuffleBlues		
LovelyShuffle		
KoolFunk		
BlueberryBlues		
60'sRock&Roll		
Rock&Roll2		
Twist		
ComboBoogie		
Country		70'sCountryPop
		70'sChartCntry
		EasyCountry
		CountryHits
		Country8Beat
		Bluegrass
		Hoedown
		ModCntryBld1
		ModCntryBld2
		NewCountry
		CountrySwing
		CountryShuffle
		CntrySing-along
		CountryStrum
		CountryWaltz
		CountryBallad
		Country2-4
	CountryTwoStep	
	CountryBrothers	
	CountryPop	
	CountryRock	
	FolkPop	
	FingerPickin	
Latin	LatinPartyPop	
	BrazilianSamba	

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Category	Style Name	
Latin	BossaNova	
	FastBossa	
	SlowBarBossa	
	SheriffReggae	
	HappyReggae	
	PopLatinBid	
	BoleroLento	
	Bomba	
	Salsa	
	Gujiira	
	Guaguanco	
	CubanSon	
	Merengue	
	Bachata	
	Cumbia	
	Danzon	
	RumbaFlamenco1	
	Calypso	
	PopLatin	
	LatinDisco	
	RockChaCha	
	OrchestralBossa	
	PopBossa	
	OrganBossa	
	Beguine	
	GuitarRumba	
	RumbaFlamenco2	
	Rumbalsland	
	Tijuana	
	BigBandMambo	
	PopMambo	
	PopSalsa	
	Ballroom	VienneseWaltz1
		VienneseWaltz2
		EnglishWaltz
		Slowfox
		Foxtrot
		Quickstep
		Tango
		Swingfox
		Pasodoble
Jive		
Samba		
ChaChaCha		
Rumba		
OrganChaCha		
OrganSwing		
OrganSamba		
OrganQuickstep		
OrganRumba		
TheatreFoxtrot		
TheatreQuickstep		
9-8Waltz		
Entertainment	MovieSoundtrack	
	Blockbuster	
	EtherealMovie	
	EtherealHymn	
	GreenFantasia	
	RomanticBallet	
	BaroqueAir	
	BaroqueConcerto	
	ClassicalMenuet	
	ClassicalSerenad	
	AniFantasy	
	Sci-fiMarch	
	SecretService	
	WildWest	
	EtherealSynth	
	OrchestralBolero	
	OrchestralMarch	
	OrchestralPolka	
	PopClassics	
	Moonlight6-8	
	DiscoFox	
	SchlagerFox	
	SchlagerWaltz	
	EuroPopOrgan	
	70'sFrenchHit	
	AlpBallad1	
	AlpBallad2	
	Schlager6-8	
	SchlagerPolka	
	SchlagerShuffle	
	ScandShuffle	

Category	Style Name	
Entertainment	ScandCountry1	
	ScandCountry2	
	ScandSlowRock	
	ScandBugg	
	CelticXmas	
	ChristmasShuffle	
	ChristmasBallad	
	ChristmasSwing	
	ChristmasWaltz	
	SchlagerSamba	
	SchlagerItalia	
	SchlagerRock	
	SchlagerAlp	
	SchlagerPop	
	SchlagerBeat	
	SchlagerRumba	
	PartyPolka	
	PolkaPop	
	Carnival	
	70'sTVTheme	
	Showtune	
	French50's	
	PubPiano	
	Caribbean	
	Learning2-4	
	Learning3-4	
	Learning4-4	
	Learning6-8	
	World	BohemianWaltz
		ZitherPolka
		IrishHymn1
		IrishHymn2
		IrishDance
		Flamenco
		SpanishPaso
		PopFlamenco
		FrenchMusette
Sirtaki		
HighlandWaltz		
ItalianWaltz		
FrenchWaltz		
ScandWaltz		
MariachiWaltz		
CelticDance		
OrientalPop		
Zouk		
Hawaiian		
GermanWaltz		
OberPolka		
OberWalzer		
ItalianPolka		
ItalianMazurka		
Tarantella		
Strathspey		
Reel		
Jig		
GayGordons		
BrassBand		
ScandHambo		
ScandSchottis		
Norteno		
BandaPolka		
HullyGully		
USMarch		
6-8March		
GermanMarch1		
GermanMarch2		
FolkRock		
Enka		
PopEnka		
Pianist	Stride1	
	Stride2	
	PianoSwing1	
	PianoSwing2	
	PianoRag1	
	PianoRag2	
	PianoBlues1	
	PianoBlues2	
	RocknRoll	
	BoogieWoogie	
	Arpeggio1	
	Arpeggio2	
	Arpeggio3	
PianoOrchBallad		

Category	Style Name
Pianist	Musical
	Traditional1
	Traditional2
	Traditional3
	SlowRock
	2BeatSwing
	JazzBallad
	8Beat
	8BeatBallad
	4Stroke
	Nocturne
	PianoMarch1
	PianoMarch2
	6-8PianoMarch
	Waltz
	JazzWaltz
	PianoBossa
PianoSamba	
PianoChaCha	
PianoBeguine	
PianoRumba	
SlowWaltz	

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Category	Style Name	
Pop&Rock	Standard8Beat	
	Live8Beat	
	Classic8Beat	
	EasyPop	
	80'sPop	
	HardRock	
	BritRockPop	
	60'sVintageRock	
	60'sPianoPop	
	60'sVintagePop	
	60'sChartSwing	
	70'sSwingPiano	
	BritPop	
	BritPopSwing	
	GermanRock	
	StandardRock	
	ContempRock	
	AcousticRock	
	FunkPopRock	
	90'sRockBallad	
	GlamPianoRock	
	ChartRockShfl	
	8BeatModern	
	Uptempo8Beat	
	WestCoastPop	
	VintageGtrPop	
	60's8Beat	
	60'sGuitarPop	
	70's8Beat	
	BubblegumPop	
	SoftRock	
	RockShuffle	
	KoolShuffle	
	JazzPop	
	Classic16Beat	
	Unplugged	
	8BeatGtrPop	
	J-PopHit1	
	J-PopHit2	
	Ballad	ModernPopBld
		SoulR&B
		70'sGlamPiano
		80'sSynthPiano
		90'sCoolBallad
		AnimationBld
		ModernOrchBld
		LightBallad
		PopBallad
ChilloutCafe		
PopGtrBallad		
EPBallad		
EasyBallad		
PowerBallad1		
EpicBallad		
8BeatBallad1		
8BeatBallad2		
16BeatBallad1		
16BeatBallad2		
R&BSoulBallad		
70'sPopBallad		
80'sEPBallad		
80'sMovieBallad		
80'sBoyBand		
ContempPopBld		
MORWaltz		
PopWaltz		
MovieBallad		
BroadwayBld		
ClassicPianoBld		
6-8SlowRock		
6-8Modern		
6-8Orchestral		
12-8Ballad		
PopPianoBallad		
OrganBallad		
PianoBallad		
RomanticBallad		
LoveSong		
Chillout		
NewR&BBallad		
GuitarSerenade		
8BeatAdria		
PowerBallad2		
Dance		Electronica

Category	Style Name	
Dance	ModernHipHop	
	FunkyHouse	
	Clubdance	
	DreamDance	
	70'sDisco	
	70'sDisco2	
	70'sDiscoFunk	
	DiscoPhilly	
	80'sDisco	
	Ibiza2002	
	EuroTrance	
	TrancePop	
	RetroPop	
	DiscoTeens	
	FrenchHouse	
	DiscoHouse	
	SwingHouse	
	MovieDisco	
	SaturdayNight	
	ClassicHipHop	
	EuroHipHop	
	PopR&B	
	ChartR&B	
	Groundbeat	
	USPop	
	ChartPop	
	TechnoParty	
	LatinDJ's	
	DiscoChocolate	
	6-8Trance	
	Swing&Jazz	ModBigBandShfl
		ModernBigBand
		ClassicBigBand
		JazzGtrClub
		ModernJazz
		EasySwing
		AcousticJazz
		ModernJazzBld
		CoolJazzBallad
MORSwing		
OrchBigBand1		
TradPianoJazz		
EasyListening		
MovieSwing1		
MovieSwing2		
OrchBigBand2		
TradPianoBallad		
JazzClub		
TapDanceSwing		
MidnightSwing		
BigBandFast1		
BigBandMed1		
OrchestraSwing1		
OrchestraSwing2		
LoungePiano		
BigBandFast2		
BigBandMed2		
JazzWaltzMed		
JazzWaltzFast		
Five-Four		
Dixieland1		
Ragtime1		
Charleston		
FrenchJazz		
AfroCubanBB		
Dixieland2		
Ragtime2		
40'sBigBand		
R&B	ModernShuffle	
	BluesRock	
	SoulBrothers	
	FranklySoul	
	JazzFunk	
	6-8Soul	
	MotorCity	
	SlowBlues	
	Rock&Roll1	
	Rock&RollShfl	
	Skiffle	
	OldiesR&R	
	DetroitPop1	
	DetroitPop2	
	Soul	
	GospelSwing	

Category	Style Name	
R&B	GospelSisters	
	GospelBrothers	
	R&BBallad	
	LovelyShuffle	
	WorshipSlow	
	WorshipMed	
	WorshipFast	
	Worship6-8	
	PianoBoogie	
	ShuffleBlues	
	BlueberryBlues	
	60'sRock&Roll	
	Rock&Roll2	
	Twist	
	Country	70'sCountryPop
		70'sChartCntry
		EasyCountry
		CountryHits
		Country8Beat
		Bluegrass
		Hoedown
		ModCntryBld1
		ModCntryBld2
NewCountry		
CountrySwing		
CountryShuffle		
CntrySing-along		
CountryStrum		
CountryWaltz		
CountryBallad		
Country2-4		
CountryTwoStep		
CountryBrothers		
CountryPop		
FolkPop		
Latin	LatinPartyPop	
	BrazilianSamba	
	BossaNova	
	FastBossa	
	SlowBarBossa	
	SheriffReggae	
	HappyReggae	
	BoleroLento	
	Bomba	
	Salsa	
	Guijira	
	CubanSon	
	Merengue	
	Bachata	
	Cumbia	
	RumbaFlamenco	
	Calypso	
PopLatin		
LatinDisco		
RockChaCha		
OrchestralBossa		
PopBossa		
Beguine		
GuitarRumba		
Rumbalsland		
Tijuana		
Ballroom	VienneseWaltz	
	EnglishWaltz	
	Slowfox	
	Foxtrot	
	Quickstep	
	Tango	
	Swingfox	
	Pasodoble	
	Jive	
	Samba	
	ChaChaCha	
	Rumba	
	OrganChaCha	
OrganSwing		
OrganSamba		
OrganQuickstep		
9-8Waltz		
Entertainment	Sci-fiMarch	
	SecretService	
	WildWest	
	EtherealMovie	
	EtherealHymn	
BaroqueAir		

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Category	Style Name	
Entertainment	ClassicalMenuet	
	ClassicalSerenad	
	OrchestralBolero	
	OrchestralMarch	
	DiscoFox	
	SchlagerFox	
	EuroPopOrgan	
	AlpBallad1	
	AlpBallad2	
	70'sFrenchHit	
	Schlager6-8	
	SchlagerPolka	
	SchlagerSamba	
	SchlagerShuffle	
	PopClassics	
	Moonlight6-8	
	70'sTVTheme	
	French50's	
	Showtune	
	ScandShuffle	
	ScandCountry1	
	ScandCountry2	
	ScandSlowRock	
	ScandBugg	
	SchlagerItalia	
	SchlagerRock	
	SchlagerAlp	
	SchlagerPop	
	SchlagerBeat	
	SchlagerRumba	
	PartyPolka	
	PubPiano	
	PolkaPop	
	Caribbean	
	ChristmasShuffle	
	ChristmasSwing	
	ChristmasWaltz	
	Learning2-4	
	Learning3-4	
	Learning4-4	
	Learning6-8	
	World	BohemianWaltz
		IrishHymn
		IrishDance
		FrenchMusette
		Sirtaki
		Flamenco
		SpanishPaso
		PopFlamenco
		Hawaiian
OrientalPop		
HighlandWaltz		
ItalianWaltz		
FrenchWaltz		
ScandWaltz		
MariachiWaltz		
GermanWaltz		
OberPolka		
OberWalzer		
ItalianPolka		
ItalianMazurka		
Zouk		
Tarantella		
Reel		
Jig		
GayGordons		
ScandHambo		
ScandSchottis		
USMarch		
6-8March		
GermanMarch		
HullyGully		
FolkRock		
Enka		
Pianist		Stride1
		Stride2
	PianoSwing1	
	PianoSwing2	
	PianoRag1	
	PianoRag2	
	PianoBlues1	
	PianoBlues2	
	RocknRoll	
	BoogieWoogie	

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Category	Style Name
Pianist	Arpeggio1
	Arpeggio2
	Arpeggio3
	PianoOrchBallad
	Musical
	Traditional1
	Traditional2
	Traditional3
	SlowRock
	2BeatSwing
	JazzBallad
	8Beat
	8BeatBallad
	4Stroke
	Nocturne
	PianoMarch1
	PianoMarch2
	6-8PianoMarch
	Waltz
	JazzWaltz
	PianoBossa
	PianoSamba
	PianoChaCha
	PianoBeguine
	PianoRumba
	SlowWaltz

Category	Style Name	
Pop&Rock	Standard8Beat	
	EasyPop	
	8BeatModern	
	GlamPianoRock	
	BritRockPop	
	HardRock	
	StandardRock	
	AcousticRock	
	90'sRockBallad	
	SoftRock	
	VintageGtrPop	
	60'sVintageRock	
	60'sPianoPop	
	60's8Beat	
	60'sGuitarPop	
	70'sSwingPiano	
	70's8Beat	
	BritPopSwing	
	BubblegumPop	
	Unplugged	
	RockShuffle	
	KoolShuffle	
	8BeatGtrPop	
	JazzPop	
	J-PopHit1	
	J-PopHit2	
	Ballad	8BeatBallad1
		8BeatBallad2
		16BeatBallad1
		16BeatBallad2
		PopGtrBallad
		70'sGlamPiano
		70'sPopBallad
		80'sEPBallad
		80'sMovieBallad
LightBallad		
EasyBallad		
EPBallad		
PowerBallad1		
MovieBallad		
BroadwayBld		
6-8SlowRock		
6-8Modern		
6-8Orchestral		
12-8Ballad		
PopPianoBallad		
OrganBallad		
PianoBallad		
RomanticBallad		
PopWaltz		
Chillout		
ClassicPianoBld		
LoveSong		
NewR&BBallad		
GuitarSerenade		
8BeatAdria		
PowerBallad2		
Dance	Ibiza2002	
	EuroTrance	
	DreamDance	
	DiscoTeens	
	DiscoHouse	
	70'sDisco1	
	70'sDisco2	
	DiscoPhilly	
	MovieDisco	
	SaturdayNight	
	FrenchHouse	
	ClassicHipHop	
	EuroHipHop	
	ChartR&B	
	ChartPop	
80'sDisco		
LatinDJ's		
DiscoChocolate		
6-8Trance		
Swing&Jazz	ClassicBigBand	
	JazzGtrClub	
	ModernJazz	
	ModernJazzBld	
	AcousticJazz	
	OrchBigBand1	
OrchBigBand2		
TradPianoJazz		

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Category	Style Name
Swing&Jazz	EasyListening
	MORSwing
	BigBandFast1
	BigBandMed1
	OrchestraSwing1
	OrchestraSwing2
	JazzClub
	BigBandFast2
	BigBandMed2
	JazzWaltzMed
	MovieSwing
	TapDanceSwing
	Dixieland1
	Ragtime
	Charleston
	FrenchJazz
	Five-Four
	Dixieland2
	MidnightSwing
	LoungePiano
40'sBigBand	
R&B	BluesRock
	SoulBrothers
	FranklySoul
	JazzFunk
	6-8Soul
	MotorCity
	SlowBlues
	Rock&Roll1
	Skiffle
	OldiesR&R
	GospelSwing
	GospelSisters
	GospelBrothers
	R&BBallad
	Soul
	WorshipSlow
	WorshipMed
	DetroitPop
	LovelyShuffle
	PianoBoogie
ShuffleBlues	
BlueberryBlues	
60'sRock&Roll	
Rock&Roll2	
Twist	
Country	70'sChartCntry
	EasyCountry
	CountryHits
	Bluegrass
	Hoedown
	ModCntryBld
	NewCountry
	CountrySwing
	CountryShuffle
	CountryWaltz
	CountryBallad
	Country2-4
	CountryPop
	FolkPop
	Latin
BossaNova	
FastBossa	
SlowBarBossa	
HappyReggae	
Bomba	
Salsa	
Guajira	
CubanSon	
Merengue	
Bachata	
Cumbia	
RumbaFlamenco	
Calypso	
LatinDisco	
RockChaCha	
OrchestralBossa	
PopBossa	
Beguine	
GuitarRumba	
Rumbalsland	
Tijuana	
Ballroom	VienneseWaltz
	EnglishWaltz

Category	Style Name
Ballroom	Slowfox
	Foxtrot
	Quickstep
	Tango
	Swingfox
	Pasodoble
	Jive
	Samba
	ChaChaCha
	Rumba
	OrganSwing
	OrganSamba
	OrganQuickstep
	9-8Waltz
	Entertainment
SecretService	
WildWest	
70'sTVTheme	
PopClassics	
BaroqueAir	
OrchestralBolero	
OrchestralMarch	
Moonlight6-8	
Showtune	
DiscoFox	
AlpBallad	
70'sFrenchHit	
Schlager6-8	
SchlagerPolka	
ScandShuffle	
ScandCountry	
ScandSlowRock	
SchlagerSamba	
SchlagerShuffle	
SchlagerPop	
SchlagerBeat	
SchlagerRumba	
PartyPolka	
PolkaPop	
PubPiano	
French50's	
Caribbean	
ChristmasSwing	
ChristmasWaltz	
Learning2-4	
Learning3-4	
Learning4-4	
Learning6-8	
World	Flamenco
	SpanishPaso
	PopFlamenco
	FrenchMusette
	IrishDance
	ItalianWaltz
	FrenchWaltz
	ScandWaltz
	Sirtaki
	OrientalPop
	OberPolka
	OberWalzer
	Reel
	Jig
	Hawaiian
USMarch	
6-8March	
GermanMarch	
Tarantella	
Enka	
Pianist	Stride1
	Stride2
	PianoSwing1
	PianoSwing2
	PianoRag1
	PianoRag2
	PianoBlues1
	PianoBlues2
	RocknRoll
	BoogieWoogie
	Arpeggio1
	Arpeggio2
	Arpeggio3
	PianoOrchBallad
	Musical
Traditional1	

Category	Style Name
Pianist	Traditional2
	Traditional3
	SlowRock
	2BeatSwing
	JazzBallad
	8Beat
	8BeatBallad
	4Stroke
	Nocturne
	PianoMarch1
	PianoMarch2
	6-8PianoMarch
	Waltz
	JazzWaltz
	PianoBossa
PianoSamba	
PianoChaCha	
PianoBeguine	
PianoRumba	
SlowWaltz	

CVP-501

Category	Style Name	
Pop&Rock	FunkPopRock	
	AcousticRock	
	Cool8Beat	
	VintageGtrPop	
	BritPopSwing	
	70's8Beat	
	BubblegumPop	
	60'sGuitarPop	
	90'sGuitarPop	
	60'sRock1	
	60'sRock2	
	RockShuffle	
	HardRock	
	PowerRock	
	KoolShuffle	
	JazzPop	
	Unplugged	
	J-PopHit	
	Ballad	8BeatBallad
		EasyBallad
PowerBallad		
16BeatBallad		
NewR&BBallad		
EPBallad		
OrganBallad		
6-8Modern		
Chillout		
ClassicPianoBld		
8BeatAdria		
PopPianoBallad		
PianoBallad		
Dance		Ibiza
		70'sDisco
	DiscoPhilly	
	SaturdayNight	
	DreamDance	
	FrenchHouse	
	House	
	ClassicHipHop	
	NewHipHop	
	HipHopGroove	
	Garage	
	DiscoHouse	
	80'sDisco	
	TechnoParty	
	LatinDJ's	
	DiscoHands	
	Swing&Jazz	OrchBigBand
		Dixieland
Ragtime		
BigBandFast		
OrchestraSwing1		
OrchestraSwing2		
JazzWaltzFast		
MidnightSwing		
Five-Four		
OrganGroove		
JumpJive		
JazzClub		
BigBandShuffle		
Charleston		
R&B		BluesRock
	SoulBrothers	
	FranklySoul	
	6-8Soul	
	OldiesR&R	
	Soul	
	DetroitPop	
	GospelSisters	
	WorshipMed	
	60'sRock&Roll	
	Rock&Roll	
	Twist	
	ModernR&B	
	ComboBoogie	
	BluesBallad	
	Country	NewCountry
		CountryHits
		Bluegrass
Hoedown		
CountryBallad		
CountryPop		
CountryShuffle		
CountryWaltz		

Category	Style Name	
Country	Country2-4	
	FingerPickin	
Latin	BrazilianSamba	
	Bachata	
	CubanSon	
	Merengue	
	LatinDisco	
	FastBossa	
	Beguine	
	Calypso	
	HappyReggae	
	PopMambo	
	PopSalsa	
	RumbalIsland	
	RumbaFlamenco	
	Ballroom	VienneseWaltz
		EnglishWaltz
Slowfox		
Foxtrot		
Quickstep		
Tango		
Pasodoble		
Samba		
ChaChaCha		
Rumba		
Jive		
Swingfox		
OrganSwing		
OrganSamba		
OrganQuickstep		
9-8Waltz		
Entertainment	Sci-fiMarch	
	70'sTVTheme	
	WildWest	
	BaroqueAir	
	OrchestralBolero	
	OrchestralMarch	
	70'sFrenchHit	
	DiscoFox	
	AlpBallad	
	SchlagerPolka	
	SchlagerPop	
	SchlagerBeat	
	ChristmasSwing	
	ChristmasWaltz	
	Moonlight6-8	
	PolkaPop	
	Tijuana	
	PubPiano	
	Showtune	
	Carnival	
World	ChildrensMarch	
	SpanishPaso	
	PopFlamenco	
	FrenchMusette	
	IrishDance	
	Sirtaki	
	OrientalPop	
	Reel	
	Jig	
	Tarantella	
	OberPolka	
	OberWalzer	
	TraditionalWaltz	
	USMarch	
	6-8March	
GermanMarch		
ScandShuffle		
ScandSlowRock		
Enka		
PopEnka		
Pianist	Stride1	
	Stride2	
	PianoSwing1	
	PianoSwing2	
	PianoRag1	
	PianoRag2	
	PianoBlues1	
	PianoBlues2	
	RocknRoll	
	BoogieWoogie	
Arpeggio1		
Arpeggio2		
Arpeggio3		

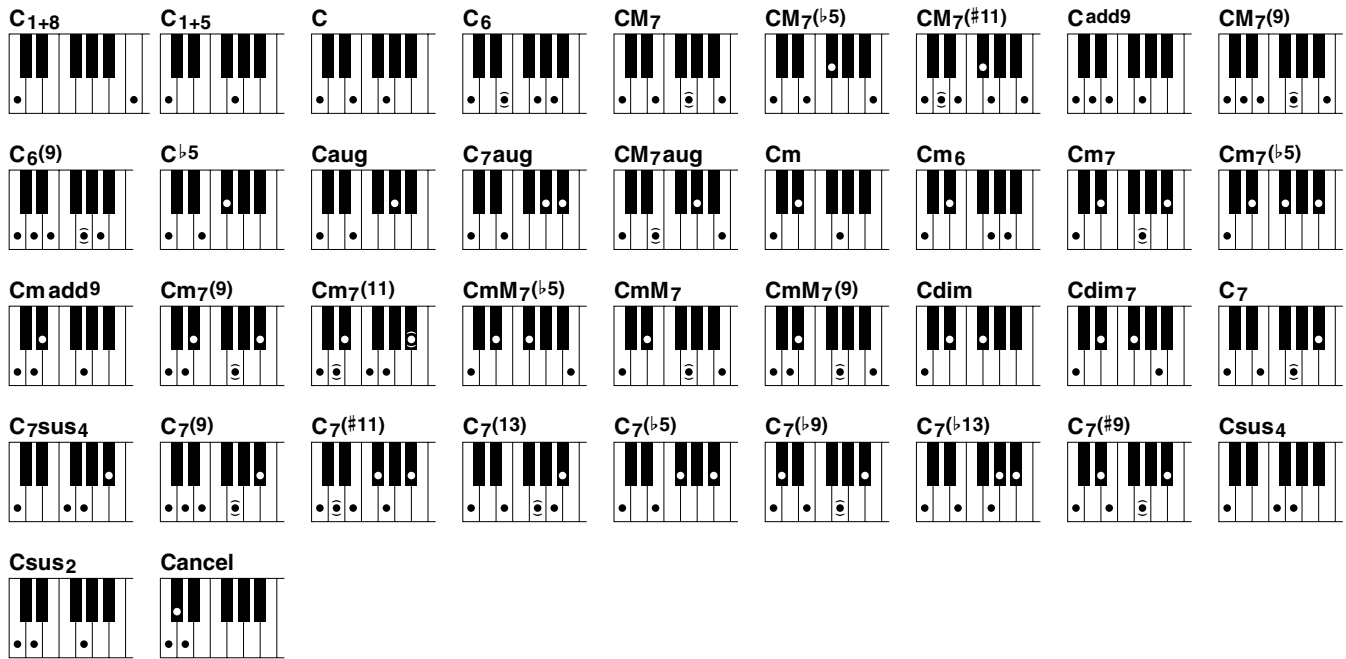
Category	Style Name
Pianist	PianoOrchBallad
	Musical
	Traditional1
	Traditional2
	Traditional3
	SlowRock
	2BeatSwing
	JazzBallad
	8Beat
	8BeatBallad
	4Stroke
	Nocturne
	PianoMarch1
	PianoMarch2
	6-8PianoMarch
	Waltz
	JazzWaltz
	PianoBossa
	PianoSamba
	PianoChaCha
PianoBeguine	
PianoRumba	
SlowWaltz	

Direct Access Chart / Tabelle Direktzugriff / Feuille d'accès direct / Gráfico de acceso directo

Operation: [DIRECT ACCESS] button + button listed below		Function of the accessed LCD display						
STYLE CONTROL	[ACMP ON/OFF]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	CHORD FINGERING	—			
	[AUTO FILL IN]			STYLE SETTING				
	[BREAK]							
	INTRO [I]							
	INTRO [II]							
	INTRO [III]							
	MAIN VARIATION [A]							
	MAIN VARIATION [B]							
	MAIN VARIATION [C]							
	MAIN VARIATION [D]							
	ENDING/rit. [I]							
	ENDING/rit. [II]							
	ENDING/rit. [III]							
	[SYNC START]					SPLIT POINT		
[SYNC STOP]	STYLE SETTING							
[START/STOP]								
STYLE Category Selection	[POP & ROCK]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	STYLE SETTING	—			
	[BALLAD]							
	[DANCE]							
	[SWING & JAZZ]							
	[R & B]							
	[COUNTRY]							
	[LATIN]							
	[BALLROOM]							
	[ENTERTAINMENT]							
	[WORLD]							
	[PIANIST]							
	[SONG SELECT]							
	[TRACK 1 (R)]							
	[TRACK 2 (L)]							
[EXTRA TRACKS]								
[FF]								
[REW]								
[PLAY/PAUSE]	FUNCTION	SONG SETTING	—	—				
[STOP]								
[REC]								
[SCORE]								
[LYRICS/TEXT] (CVP-509/505/503)								
[LYRICS] (CVP-501)								
[GUIDE]								
[REPEAT]								
[TAP TEMPO]					UTILITY	CONFIG 1	TAP	
[+]					FUNCTION	UTILITY	STYLE SETTING	—
[-]						STYLE SETTING/SPLIT POINT/ CHORD FINGERING		
[ON/OFF]					FUNCTION	UTILITY	CONFIG 1	METRONOME
[+]					FUNCTION	CONTROLLER	KEYBOARD/PANEL	TRANSPOSE ASSIGN
[-]								
[DEMO]	FUNCTION	UTILITY	OWNER	—				
[FUNCTION]	FUNCTION	MIDI	PRESET	—				
[MIXING CONSOLE]	MIXING CONSOLE (PANEL PART)	VOL/VOICE	—	—				
[CHANNEL ON/OFF]								
[USB]	FUNCTION	UTILITY	MEDIA	—				
[INTERNET]	FUNCTION	UTILITY	CONFIG 2	—				
[DIRECT ACCESS]	—	—	—	—				
TAB	[▶]	—	—	—				
	[◀]	—	—	—				
[ENTER]	—	—	—	—				
[EXIT]	MAIN	—	—	—				
[DATA ENTRY]	—	—	—	—				
VOICE CONTROL	PART ON/OFF [RIGHT 1]	FUNCTION	REGIST SEQUENCE/FREEZE/VOICE SET	VOICE SET	RIGHT 1			
	PART ON/OFF [RIGHT 2]				RIGHT 2			
	PART ON/OFF [LEFT]				LEFT			
	[VOICE EFFECT]			VOICE EFFECT	HARMONY/ECHO	—	—	
VOICE Category Selection	[PIANO]	FUNCTION	REGIST SEQUENCE/FREEZE/VOICE SET	VOICE SET	—			
	[E. PIANO]							
	[STRINGS]							
	[GUITAR & BASS]							
	[SAXOPHONE]							
	[FLUTE & WOODWIND]							
	[ORGAN]							
	[TRUMPET]							
	[BRASS]							
	[ACCORDION]							
	[CHOIR & PAD]							
	[SYNTH & FX]							
	[PERC. & DRUM KIT]							
	[ORGAN FLUTES]							
[MUSIC FINDER]	MUSIC FINDER	MUSIC FINDER SEARCH 1	—	—				
ONE TOUCH SETTING	[1]	OTS INFORMATION	—	—	—			
	[2]							
	[3]							
	[4]							
[OTS LINK]	FUNCTION	STYLE SETTING/SPLIT POINT/ CHORD FINGERING	STYLE SETTING	—				
[PIANO RESET]	FUNCTION	CONTROLLER	KEYBOARD/PANEL	INITIAL TOUCH				
REGISTRATION MEMORY	REGIST BANK [+]	FUNCTION	REGIST SEQUENCE/FREEZE/VOICE SET	REGISTRATION SEQUENCE	—			
	REGIST BANK [-]							
	[MEMORY]							
	[1]					REGIST INFORMATION	—	—
	[2]							
	[3]							
	[4]							
	[5]							
	[6]							
[7]								
[8]								
PEDAL	Damper Pedal (Right)	FUNCTION	CONTROLLER	PEDAL	RIGHT			
	Sostenuto Pedal (Center)				CENTER			
	Left Pedal				LEFT			
	AUX PEDAL				AUX			

* The cursor position differs depending on the current keyboard part.

Chord Types Recognized in the Fingered Mode / Im Fingered-Modus erkannte Akkordarten / Types d'accords reconnus en mode Fingered / Tipos de acordes reconocidos en el modo Fingered (digitado)



Chord Name [Abbreviation]	Normal Voicing	Display for root "C"
1+8	1+8	C1+8
1+5	1+5	C1+5
Major [M]	1+3+5	C
Sixth [6]	1+(3)+5+6	C6
Major seventh [M7]	1+3+(5)+7	CM7
Major seventh flatted fifth [M7b5]	1+3+b5+7	CM7(b5)
Major seventh add sharp eleventh [M7(#11)]	1+(2)+3+#4+5+7	CM7(#11)
Add ninth [(9)]	1+2+3+5	Cadd9
Major seventh ninth [M7_9]	1+2+3+(5)+7	CM7(9)
Sixth ninth [6_9]	1+2+3+(5)+6	C6(9)
Flatted fifth [(b5)]	1+3+b5	Cb5
Augmented [aug]	1+3+#5	Caug
Seventh augmented [7aug]	1+3+#5+b7	C7aug
Major seventh augmented [M7aug]	1+(3)+#5+7	CM7aug
Minor [m]	1+b3+5	Cm
Minor sixth [m6]	1+b3+5+6	Cm6
Minor seventh [m7]	1+b3+(5)+b7	Cm7
Minor seventh flatted fifth [m7b5]	1+b3+b5+b7	Cm7(b5)
Minor add ninth [m(9)]	1+2+b3+5	Cm add9
Minor seventh ninth [m7(9)]	1+2+b3+(5)+b7	Cm7(9)
Minor seventh eleventh [m7(11)]	1+(2)+b3+4+5+(b7)	Cm7(11)
Minor major seventh flatted fifth [mM7b5]	1+b3+b5+7	CmM7(b5)
Minor major seventh [mM7]	1+b3+(5)+7	CmM7
Minor major seventh ninth [mM7(9)]	1+2+b3+(5)+7	CmM7(9)
Diminished [dim]	1+b3+b5	Cdim
Diminished seventh [dim7]	1+b3+b5+6	Cdim7
Seventh [7]	1+3+(5)+b7	C7
Seventh suspended fourth [7sus4]	1+4+5+b7	C7sus4
Seventh ninth [7(9)]	1+2+3+(5)+b7	C7(9)
Seventh add sharp eleventh [7(#11)]	1+(2)+3+#4+5+b7	C7(#11)
Seventh add thirteenth [7(13)]	1+3+(5)+6+b7	C7(13)
Seventh flatted fifth [7b5]	1+3+b5+b7	C7(b5)
Seventh flatted ninth [7(b9)]	1+b2+3+(5)+b7	C7(b9)
Seventh add flatted thirteenth [7(b13)]	1+3+5+b6+b7	C7(b13)
Seventh sharp ninth [7(#9)]	1+#2+3+(5)+b7	C7(#9)
Suspended fourth [sus4]	1+4+5	Csus4
One plus two plus five [sus2]	1+2+5	Csus2
cancel	1+b2+2	Cancel

* Notes in parentheses can be omitted.

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Reverb Block

Type	Description	MSB	LSB
BASIC HALL	Reverb simulating the acoustics of a hall. Standard setting.	1	21
LIGHT HALL	Reverb simulating the acoustics of a hall. Light setting.	1	22
BALLAD HALL	Reverb simulating the acoustics of a hall. For ballad type music.	1	19
PIANO HALL	Reverb simulating the acoustics of a hall. For piano sound.	1	20
HALL1	Reverb simulating the acoustics of a hall.	1	0
HALL2		1	16
HALL3		1	17
HALL4		1	18
HALL5		1	1
HALL M		1	6
HALL L		1	7
ATMO HALL	A unique long reverb with atmosphere.	1	23
ACOSTIC ROOM (Acoustic Room)	Reverb simulating the acoustics of a room. Standard setting.	2	20
DRUMS ROOM	Reverb simulating the acoustics of a room. For drums sound.	2	21
PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22
ROOM1	Reverb simulating the acoustics of a room.	2	16
ROOM2		2	17
ROOM3		2	18
ROOM4		2	19
ROOM5		2	0
ROOM6		2	1
ROOM7		2	2
ROOM S		2	5
ROOM M		2	6
ROOM L		2	7
STAGE1	Reverb suitable for a solo instrument.	3	16
STAGE2		3	17
STAGE3		3	0
STAGE4		3	1
PLATE1	Reverb simulating a plate reverb unit.	4	16
PLATE2		4	17
PLATE3		4	0
GM PLATE		4	7
TUNNEL	Simulates a cylindrical space expanding to left and right.	17	0
CANYON	A hypothetical acoustic space which extends without limit.	18	0
BASEMENT	A bit of initial delay followed by reverb with a unique resonance.	19	0
LARGE HALL	Reverb simulating the acoustics of a hall.	1	2
MEDIUM HALL		1	3
WARM ROOM	Reverb simulating the acoustics of a warm room.	2	3
WHITE ROOM	A unique short reverb with a bit of initial delay.	16	0
WOODY ROOM	Reverb simulating the acoustics of a woody room.	2	4
RICH PLATE	Reverb simulating a rich plate reverb unit.	4	1
NO EFFECT	No effect.	0	0

Chorus Block

Category	Type	Description	MSB	LSB
REVERB	HALL1	Reverb simulating the acoustics of a hall.	1	0
	HALL2		1	16
	HALL3		1	17
	HALL4		1	18
	HALL5		1	1
	HALL M		1	6
	HALL L		1	7
	ATMO HALL	A unique long reverb with atmosphere.	1	23
	ACOSTIC ROOM (Acoustic Room)	Reverb simulating the acoustics of a room. Standard setting.	2	20
	DRUMS ROOM	Reverb simulating the acoustics of a room. For drums sound.	2	21
	PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22
	ROOM1	Reverb simulating the acoustics of a room.	2	16
	ROOM2		2	17
	ROOM3		2	18
	ROOM4		2	19
	ROOM5		2	0
	ROOM6		2	1
	ROOM7		2	2
	ROOM S		2	5
	ROOM M		2	6
	ROOM L		2	7
	STAGE1	Reverb suitable for a solo instrument.	3	16
	STAGE2		3	17
STAGE3	3		0	
STAGE4	3		1	
PLATE1	Reverb simulating a plate reverb unit.	4	16	
PLATE2		4	17	
PLATE3		4	0	
GM PLATE		4	7	
DELAY	TEMPO DELAY1	Tempo-synchronized delay.	21	0
	TEMPO DELAY2	Tempo-synchronized delay.	21	16
	TEMPO ECHO	Tempo-synchronized echo.	21	8
	TEMPO CROSS1	Tempo-synchronized cross delay.	22	0
	TEMPO CROSS2		22	16
	TEMPO CROSS3		22	17
	TEMPO CROSS4		22	18

Category	Type	Description	MSB	LSB	
ER/KARAOKE	KARAOKE1	Echo for karaoke.	20	0	
	KARAOKE2		20	1	
	KARAOKE3		20	2	
	*1 ER1	This effect isolates only the early reflection components of the reverb.	9	0	
	*1 ER2		9	1	
CHORUS	CHORUS1	Conventional chorus program with rich, warm chorusing.	66	17	
	CHORUS2		66	8	
	CHORUS3		66	16	
	CHORUS4		66	1	
	CHORUS5		65	2	
	CHORUS6		65	0	
	CHORUS7		65	1	
	CHORUS8		65	8	
	CHORUS FAST		65	16	
	CHORUS LITE		65	17	
	GM CHORUS1		65	3	
	GM CHORUS2		65	4	
	GM CHORUS3		65	5	
	GM CHORUS4		65	6	
	FB CHORUS		65	7	
	CELESTE1		A 3-phase LFO adds modulation and spaciousness to the sound.	66	0
	CELESTE2			66	2
	SYMPHONIC1	Adds more stages to the modulation of Celeste.	68	16	
	SYMPHONIC2		68	0	
	ENS DETUNE1 (Ensemble Detune 1)	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.	87	0	
ENS DETUNE2 (Ensemble Detune 2)	87		16		
FLANGER	FLANGER1	Cyclically modulates the phase to add modulation to the sound.	67	8	
	FLANGER2		67	16	
	FLANGER3		67	17	
	FLANGER4		67	1	
	FLANGER5		67	0	
	GM FLANGER		67	7	
*1 T_FLANGER (Tempo Flanger)	Tempo-synchronized flanger.	107	0		
PHASER	PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	0	
	*1 PHASER2		72	8	
	*1 PHASER3		72	19	
	*1 T_PHASER1 (Tempo Phaser 1)	Tempo-synchronized phaser.	108	0	
	*1 T_PHASER2 (Tempo Phaser 2)		108	16	
	EP PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	17	
	EP PHASER2		72	18	
EP PHASER3	72		16		
PITCH CHANGE	*1 PITCH CHG1 (Pitch Change 1)	Changes the pitch of the input signal.	80	16	
	*1 PITCH CHG2 (Pitch Change 2)		80	0	
	*1 PITCH CHG3 (Pitch Change 3)		80	1	
ROTARY SP	*1 DUAL ROT BRT (Dual Rotor Speaker Bright)	Simulates a rotary speaker.	99	16	
	*1 DUAL ROT WRM (Dual Rotor Speaker Warm)		99	17	
	*1 DUAL ROT SP1 (Dual Rotor Speaker 1)		99	0	
	*1 DUAL ROT SP2 (Dual Rotor Speaker 2)		99	1	
	*1 ROTARY SP1 (Rotary Speaker 1)		69	16	
	*1 ROTARY SP2 (Rotary Speaker 2)		71	17	
	*1 ROTARY SP3 (Rotary Speaker 3)		71	18	
	*1 ROTARY SP4 (Rotary Speaker 4)		70	17	
	ROTARY SP5 (Rotary Speaker 5)		66	18	
	*1 ROTARY SP6 (Rotary Speaker 6)		69	0	
	*1 ROTARY SP7 (Rotary Speaker 7)		71	22	
*1 2WAY ROT SP (2 way Rotary Speaker)	86	0			
TREMOLO	*1 TREMOLO1	Rich Tremolo effect with both volume and pitch modulation.	70	16	
	*1 TREMOLO2		71	19	
	*1 TREMOLO3		70	0	
	*1 EP TREMOLO		70	18	
	*1 GT TREMOLO1 (Guitar Tremolo 1)		71	20	
	*1 GT TREMOLO2 (Guitar Tremolo 2)		70	19	
	*1 VIBE VIBRATE	Vibraphone effect.	119	0	
*1 T_TREMOLO (Tempo Tremolo)	Tempo-synchronized rich Tremolo effect with both volume and pitch modulation.	120	0		
SPATIAL	*1 AUTO PAN1	Several panning effects that automatically shift the sound position (left, right, front, back).	71	16	
	*1 AUTO PAN2		71	0	
	*1 AUTO PAN3		71	1	
	*1 EP AUTOPAN	71	21		
	*1 T_AUTO PAN1 (Tempo Auto Pan 1)	Tempo-synchronized auto pan.	121	0	
	*1 T_AUTO PAN2 (Tempo Auto Pan 2)		121	1	
NO EFFECT	-	No effect.	0	0	

*1 These types are not available on the CVP-505/503/501.

DSP1 – 9 Block

LCD Block Name	XG Block Name
DSP1	XG Variation Block
DSP2	XG Insertion1 Block
DSP3	XG Insertion2 Block
DSP4	XG Insertion3 Block
DSP5*	XG Insertion4 Block
DSP6*	XG Insertion5 Block
DSP7*	XG Insertion6 Block (only for MIC)
DSP8*	XG Insertion7 Block (only for Style)
DSP9*	XG Insertion8 Block (only for Style)

* DSP 5 – 9 are available on the CVP-509 only.

Category	Type	Description	MSB	LSB	
REVERB	HALL1	Reverb simulating the acoustics of a hall.	1	0	
	HALL2		1	16	
	HALL3		1	17	
	HALL4		1	18	
	HALL5		1	1	
	HALL M		1	6	
	HALL L		1	7	
	ATMO HALL	A unique long reverb with atmosphere.	1	23	
	ACOSTIC ROOM (Acoustic Room)	Reverb simulating the acoustics of a room. Standard setting.	2	20	
	DRUMS ROOM	Reverb simulating the acoustics of a room. For drums sound.	2	21	
	PERC ROOM (Percussion Room)	Reverb simulating the acoustics of a room. For percussions sound.	2	22	
	ROOM1	Reverb simulating the acoustics of a room.	2	16	
	ROOM2		2	17	
	ROOM3		2	18	
	ROOM4		2	19	
	ROOM5		2	0	
	ROOM6		2	1	
	ROOM7		2	2	
	ROOM S		2	5	
	ROOM M		2	6	
	ROOM L		2	7	
	STAGE1	Reverb suitable for a solo instrument.	3	16	
	STAGE2		3	17	
	STAGE3		3	0	
	STAGE4		3	1	
	PLATE1	Reverb simulating a plate reverb unit.	4	16	
	PLATE2		4	17	
	PLATE3		4	0	
GM PLATE	4		7		
*1 TUNNEL	Simulates a cylindrical space expanding to left and right.	17	0		
*1 CANYON	A hypothetical acoustic space which extends without limit.	18	0		
*1 BASEMENT	A bit of initial delay followed by reverb with a unique resonance.	19	0		
*1 WHITE ROOM	A unique short reverb with a bit of initial delay.	16	0		
DELAY	DELAY LCR1	Produces three delayed sounds: L, R and C (center).	5	16	
	DELAY LCR2		5	0	
	DELAY LR	Produces two delayed sounds: L and R. Two feedback delays are provided.	6	0	
	ECHO	Two delayed sounds (L and R), and independent feedback delays for L and R.	7	0	
	CROSS DELAY1	The feedback of the two delayed sounds is crossed.	8	0	
	CROSS DELAY2		8	16	
	TEMPO DELAY1	Tempo-synchronized delay.	21	0	
	TEMPO DELAY2	Tempo-synchronized cross delay.	21	16	
	TEMPO ECHO		Tempo-synchronized echo.	21	8
	TEMPO CROSS1		22	0	
	TEMPO CROSS2		22	16	
	TEMPO CROSS3		22	17	
	TEMPO CROSS4		22	18	
	ER/KARAOKE	KARAOKE1	Echo for karaoke.	20	0
KARAOKE2		20		1	
KARAOKE3		20		2	
*1 ER1		This effect isolates only the early reflection components of the reverb.	9	0	
*1 ER2			9	1	
*1 GATE REVERB		Simulation of gated reverb.	10	0	
*1 REVERS GATE	Simulation of gated reverb played back in reverse.	11	0		
CHORUS	CHORUS1	Conventional chorus program with rich, warm choring.	66	17	
	CHORUS2		66	8	
	CHORUS3		66	16	
	CHORUS4		66	1	
	CHORUS5		65	2	
	CHORUS6		65	0	
	CHORUS7		65	1	
	CHORUS8		65	8	
	CHORUS FAST		65	16	
	CHORUS LITE		65	17	
	GM CHORUS1		65	3	
	GM CHORUS2		65	4	
	GM CHORUS3		65	5	
	GM CHORUS4		65	6	
	FB CHORUS		65	7	
	CELESTE1	A 3-phase LFO adds modulation and spaciousness to the sound.	66	0	
	CELESTE2		66	2	
	SYMPHONIC1	Adds more stages to the modulation of Celeste.	68	16	
	SYMPHONIC2		68	0	

Category	Type	Description	MSB	LSB	
CHORUS	ENS DETUNE1 (Ensemble Detune 1)	Chorus effect without modulation, created by adding a slightly pitch-shifted sound.	87	0	
	ENS DETUNE2 (Ensemble Detune 2)		87	16	
FLANGER	FLANGER1	Creates a sound reminiscent of a jet airplane.	67	8	
	FLANGER2		67	16	
	FLANGER3		67	17	
	FLANGER4		67	1	
	FLANGER5		67	0	
	GM FLANGER		67	7	
	*1 V_FLANGER	A simulation on an analog flanger effect. The LFO has a random setting.	104	0	
	*1 T_FLANGER (Tempo Flanger)	Tempo-synchronized flanger.	107	0	
*1 DYN FLANGER	Dynamically controlled flanger.	110	0		
PHASER	PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	0	
	*1 PHASER2		72	8	
	*1 PHASER3		72	19	
	*1 T_PHASER1 (Tempo Phaser 1)		108	0	
	*1 T_PHASER2 (Tempo Phaser 2)	Tempo-synchronized phaser.	108	16	
	EP PHASER1	Cyclically modulates the phase to add modulation to the sound.	72	17	
	EP PHASER2		72	18	
	EP PHASER3		72	16	
*1 DYN PHASER	Dynamically controlled phaser.	111	0		
DISTORTION	*1 V_DIST WARM (V Distortion Warm)	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	22	
	*1 V_DIST CLS H (V Distortion Classic Hard)		98	23	
	*1 V_DIST CLS S (V Distortion Classic Soft)		98	20	
	*1 V_DIST METAL (V Distortion Metal)		98	24	
	*1 V_DIST CRUNC (V Distortion Crunch)		98	18	
	*1 V_DIST BLUES (V Distortion Blues)		98	21	
	*1 V_DIST EDGY (V Distortion Edgy)		98	19	
	*1 V_DIST SOLID (V Distortion Solid)		98	25	
	*1 V_DST CLEAN1 (V Distortion Clean 1)		98	17	
	*1 V_DST CLEAN2 (V Distortion Clean 2)		98	26	
	*1 V_DIST TWIN (V Distortion Twin)		98	16	
	*1 V_DIST ROCA (V Distortion Rocably)		103	18	
	*1 V_DST JZ CLN (V Distortion Jazz Clean)		98	27	
	*1 V_DST FUSION (V Distortion Fusion)		103	19	
	*1 ST AMP SOLID (Stereo Amp Simulator Solid)		Stereo amp simulator.	75	29
	*1 ST AMP CRUNC (Stereo Amp Simulator Crunch)			75	30
	*1 ST AMP BLUES (Stereo Amp Simulator Blues)			75	28
	*1 ST AMP CLEAN (Stereo Amp Simulator Clean)			75	27
	*1 ST AMP HARP (Stereo Amp Simulator Blues Harp)			75	31
	*1 V_DIST HARD (V Distortion Hard)			98	0
	*1 V_DIST SOFT (V Distortion Soft)	Distortion which simulates the sound of a vintage tube, fuzz effect, etc.	98	2	
	DIST HARD1 (Distortion Hard 1)	Hard-edge distortion.	75	16	
	DIST HARD2 (Distortion Hard 2)	75	22		
	DIST SOFT1 (Distortion Soft 1)	Soft, warm distortion.	75	17	
	DIST SOFT2 (Distortion Soft 2)	75	23		
	DIST HEAVY (Distortion Heavy)	Heavy distortion.	73	0	
	OVERDRIVE	Adds mild distortion to the sound.	74	0	
	*1 ST DIST (Stereo Distortion)	Stereo distortion.	73	8	
	*1 ST OD (Stereo Overdrive)	Stereo overdrive.	74	8	
	*1 ST DIST HARD (Stereo Distortion Hard)	Hard-edge stereo distortion.	75	18	
	*1 ST DIST SOFT (Stereo Distortion Soft)	Soft, warm soft distortion.	75	19	
	AMP SIM1 (Amp Simulator 1)	A simulation of a guitar amp.	75	0	
	*1 AMP SIM2 (Amp Simulator 2)		75	1	
	*2 ST AMP1 (Stereo Amp Simulator 1)		75	20	
	*2 ST AMP2 (Stereo Amp Simulator 2)		75	21	
	*2 ST AMP3 (Stereo Amp Simulator 3)		75	8	
	*2 ST AMP4 (Stereo Amp Simulator 4)		75	24	
	*2 ST AMP5 (Stereo Amp Simulator 5)		75	25	
	*2 ST AMP6 (Stereo Amp Simulator 6)		75	26	
	DISTORTION+ (Distortion/ Overdrive mixed with other effects)	*1 DST+DELAY1 (Distortion + Delay 1)	Distortion and Delay are connected in series.	95	16
*1 DST+DELAY2 (Distortion + Delay 2)		95	0		
*1 OD+DELAY1 (Overdrive + Delay 1)		Overdrive and Delay are connected in series.	95	17	
*1 OD+DELAY2 (Overdrive + Delay 2)			95	1	
*1 CMP+DST+DLY1 (Compressor + Distortion + Delay 1)		Compressor, Distortion and Delay are connected in series.	96	16	
*1 CMP+DST+DLY2 (Compressor + Distortion + Delay 2)		96	0		
*1 CMP+OD+DLY1 (Compressor + Overdrive + Delay 1)		Compressor, Overdrive and Delay are connected in series.	96	17	
*1 CMP+OD+DLY2 (Compressor + Overdrive + Delay 2)			96	1	
*1 V_DIST H+DLY (V Distortion Hard + Delay)		V Distortion Hard and Delay are connected in series.	98	1	
*1 V_DIST S+DLY (V Distortion Soft + Delay)		V Distortion Soft and Delay are connected in series.	98	3	
*1 DST+TDLY (Distortion + Tempo Delay)		Distortion and Tempo Delay are connected in series.	100	0	
*1 OD+TDLY (Overdrive + Tempo Delay)		Overdrive and Tempo Delay are connected in series.	100	1	
*1 COMP+DIST1 (Compressor + Distortion 1)		Since a Compressor is included in the first stage, steady distortion can be produced regardless of changes in input level.	73	16	
*1 COMP+DIST2 (Compressor + Distortion 2)			73	1	
*1 CMP+DST+TDL (Compressor + Distortion + Tempo Delay)		Compressor, Distortion and Tempo Delay are connected in series.	101	0	
*1 CMP+OD+TDLY1 (Compressor + Overdrive + Tempo Delay 1)		Compressor, Overdrive and Tempo Delay are connected in series.	101	1	
*1 CMP+OD+TDLY2 (Compressor + Overdrive + Tempo Delay 2)			101	16	
*1 CMP+OD+TDLY3 (Compressor + Overdrive + Tempo Delay 3)			101	17	
*1 CMP+OD+TDLY4 (Compressor + Overdrive + Tempo Delay 4)			101	18	
*1 CMP+OD+TDLY5 (Compressor + Overdrive + Tempo Delay 5)			101	19	
*1 CMP+OD+TDLY6 (Compressor + Overdrive + Tempo Delay 6)			101	20	
*1 V_DIST H+TDL1 (V Distortion Hard + Tempo Delay 1)		V Distortion Hard and Tempo Delay are connected in series.	103	0	
*1 V_DIST H+TDL2 (V Distortion Hard + Tempo Delay 2)	103		17		
*1 V_DIST S+TDL1 (V Distortion Soft + Tempo Delay 1)	V Distortion Soft and Tempo Delay are connected in series.	103	1		
*1 V_DIST S+TDL2 (V Distortion Soft + Tempo Delay 2)		103	16		

Effect Type List / Liste der Effektypen / Liste des types d'effet / Lista de tipos de efecto

Category	Type	Description	MSB	LSB	
PITCH CHANGE	*1 PITCH CHG1 (Pitch Change 1)		80	16	
	*1 PITCH CHG2 (Pitch Change 2)	Changes the pitch of the input signal.	80	0	
	*1 PITCH CHG3 (Pitch Change 3)		80	1	
WAH AUTO	AUTO WAH1		78	16	
	AUTO WAH2	Cyclically modulates the center frequency of a wah filter.	78	0	
	*1 AT.WAH+DST1 (Auto Wah + Distortion 1)		78	17	
	*1 AT.WAH+DST2 (Auto Wah + Distortion 2)		78	1	
	*1 AT.WH+DST HD (Auto Wah + Distortion Hard)		The output of an Auto Wah can be distorted by Distortion.	78	21
	*1 AT.WH+DST HV (Auto Wah + Distortion Heavy)		78	23	
	*1 AT.WH+DST LT (Auto Wah + Distortion Lite)		78	25	
	*1 AT.WAH+OD1 (Auto Wah + Overdrive 1)		78	18	
	*1 AT.WAH+OD2 (Auto Wah + Overdrive 2)		78	2	
	*1 AT.WH+OD HD (Auto Wah + Overdrive Hard)		The output of an Auto Wah can be distorted by Overdrive.	78	22
	*1 AT.WH+OD HV (Auto Wah + Overdrive Heavy)		78	24	
	*1 AT.WH+OD LT (Auto Wah + Overdrive Lite)		78	26	
	TEMPO AT.WAH (Tempo Auto Wah)	Tempo-synchronized Auto Wah.	79	0	
	*1 T_AT.WH+DST (Tempo Auto Wah + Distortion)		79	1	
	*1 T_A.WH+DSTHD (Tempo Auto Wah + Distortion Hard)		Tempo-synchronized Auto Wah. The output can be distorted by Distortion.	79	21
	*1 T_A.WH+DSTHV (Tempo Auto Wah + Distortion Heavy)			79	23
	*1 T_A.WH+DSTLT (Tempo Auto Wah + Distortion Lite)		79	25	
	*1 T_AT.WH+OD (Tempo Auto Wah + Overdrive)		79	2	
	*1 T_A.WH+OD HD (Tempo Auto Wah + Overdrive Hard)		Tempo-synchronized Auto Wah. The output can be distorted by Overdrive.	79	22
	*1 T_A.WH+OD HV (Tempo Auto Wah + Overdrive Heavy)			79	24
	*1 T_A.WH+OD LT (Tempo Auto Wah + Overdrive Lite)		79	26	
WAH TCH/PDL (Touch Wah/ Pedal Wah)	TOUCH WAH1		82	0	
	TOUCH WAH2	Changes the center frequency of a wah filter according to the input level.	82	8	
	*4 TOUCH WAH3		82	20	
	*1 TC.WH+DST1 (Touch Wah + Distortion 1)		82	16	
	*1 TC.WH+DST2 (Touch Wah + Distortion 2)		82	1	
	*1 TC.WH+DST HD (Touch Wah + Distortion Hard)		The output of a Touch Wah can be distorted by Distortion.	82	21
	*1 TC.WH+DST HV (Touch Wah + Distortion Heavy)		82	23	
	*1 TC.WH+DST LT (Touch Wah + Distortion Lite)		82	25	
	*1 TC.WAH+OD1 (Touch Wah + Overdrive 1)		82	17	
	*1 TC.WAH+OD2 (Touch Wah + Overdrive 2)		82	2	
	*1 TC.WAH+OD HD (Touch Wah + Overdrive Hard)		The output of a Touch Wah can be distorted by Overdrive.	82	22
	*1 TC.WAH+OD HV (Touch Wah + Overdrive Heavy)		82	24	
	*1 TC.WAH+OD LT (Touch Wah + Overdrive Lite)		82	26	
	*1 WH+DST+DLY1 (Wah + Distortion + Delay 1)	Wah, Distortion and Delay are connected in series.	97	16	
	*1 WH+DST+DLY2 (Wah + Distortion + Delay 2)		97	0	
	*1 WH+DST+TDLY (Wah + Distortion + Tempo Delay)	Wah, Distortion and Tempo Delay are connected in series.	102	0	
	*1 WH+OD+DLY1 (Wah + Overdrive + Delay 1)	Wah, Overdrive and Delay are connected in series.	97	17	
	*1 WH+OD+DLY2 (Wah + Overdrive + Delay 2)		97	1	
	*1 WH+OD+TDLY1 (Wah + Overdrive + Tempo Delay 1)	Wah, Overdrive and Tempo Delay are connected in series.	102	1	
	*1 WH+OD+TDLY2 (Wah + Overdrive + Tempo Delay 2)		102	16	
	CLAVI TC.WAH (Clavi Touch Wah)	Clavinet Touch Wah	82	18	
	EP TC.WAH (EP Touch Wah)	EP Touch Wah	82	19	
	*5 V.PEDAL WH B (Vintage Pedal Wah Basic)	Vintage Wah which can be controlled by "Pedal Control" parameter. (See Effect Parameter List.)	125	1	
	*5 V.PEDAL WH D (Vintage Pedal Wah Disco)		125	16	
	*1 PEDAL WAH (Pedal Wah)	Changes the center frequency of a wah filter according to "Pedal Control" parameter. (See Effect Parameter List.)	122	0	
	*1 PEDAL WH+DST (Pedal Wah + Distortion)		122	1	
	*1 P.WH+DIST HD (Pedal Wah + Distortion Hard)	The output of a Pedal Wah can be distorted by Distortion.	122	21	
*1 P.WH+DIST HV (Pedal Wah + Distortion Heavy)	122		23		
*1 P.WH+DIST LT (Pedal Wah + Distortion Lite)	122		25		
*1 PEDAL WH+OD (Pedal Wah + Overdrive)		122	2		
*1 P.WH+OD HD (Pedal Wah + Overdrive Hard)		The output of a Pedal Wah can be distorted by Overdrive.	122	22	
*1 P.WH+OD HV (Pedal Wah + Overdrive Heavy)			122	24	
*1 P.WH+OD LT (Pedal Wah + Overdrive Lite)		122	26		
DYNAMIC	COMP MED (Compressor Medium)	Compressor with medium setting.	83	16	
	COMP HEAVY (Compressor Heavy)	Compressor with heavy setting.	83	17	
	*1 COMP MELODY (Compressor Melody)	Compressor for the Melody part.	105	16	
	*1 COMP BASS (Compressor Bass)	Compressor for the Bass part.	105	17	
	*1 MBAND COMP	Multi-band compressor that allows you to adjust the compression effect for individual frequency bands.	105	0	
	COMPRESSOR	Holds down the output level when a specified input level is exceeded. A sense of attack can also be added to the sound.	83	0	
	NOISE GATE	Gates the input when the input signal falls below a specified level.	84	0	
ROTARY SP	*1 DUAL ROT BRT (Dual Rotor Speaker Bright)	Simulates a rotary speaker.	99	16	
	*1 DUAL ROT WRM (Dual Rotor Speaker Warm)		99	17	
	*1 DUAL ROT SP1 (Dual Rotor Speaker 1)		99	0	
	*1 DUAL ROT SP2 (Dual Rotor Speaker 2)		99	1	
	ROTARY SP1 (Rotary Speaker 1)		69	16	
	ROTARY SP2 (Rotary Speaker 2)		71	17	
	ROTARY SP3 (Rotary Speaker 3)		71	18	
	ROTARY SP4 (Rotary Speaker 4)		70	17	
	ROTARY SP5 (Rotary Speaker 5)		66	18	
	ROTARY SP6 (Rotary Speaker 6)		69	0	
	ROTARY SP7 (Rotary Speaker 7)		71	22	
	*1 2WAY ROT SP (2-way Rotary Speaker)		86	0	
	*1 DST+ROT SP (Distortion + Rotary Speaker)		Distortion and rotary speaker connected in series.	69	1
	*1 DST+2ROT SP (Distortion + 2-way Rotary Speaker)		Distortion and 2-way rotary speaker connected in series.	86	1
	*1 OD+ROT SP (Overdrive + Rotary Speaker)		Overdrive and rotary speaker connected in series.	69	2
*1 OD+2ROT SP (Overdrive + 2-way Rotary Speaker)	Overdrive and 2-way rotary speaker connected in series.	86	2		
*1 AMP+ROT SP (Amp Simulator + Rotary Speaker)	Amp simulator and rotary speaker connected in series.	69	3		
*1 AMP+2ROT SP (Amp Simulator + 2-way Rotary Speaker)	Amp simulator and 2-way rotary speaker connected in series.	86	3		

Category	Type	Description	MSB	LSB
TREMLOLO	TREMLOLO1	Rich Tremolo effect with both volume and pitch modulation.	70	16
	TREMLOLO2		71	19
	TREMLOLO3		70	0
	EP TREMLOLO		70	18
	GT TREMLOLO1 (Guitar Tremolo 1)		71	20
	GT TREMLOLO2 (Guitar Tremolo 2)		70	19
	VIBE VIBRATE		Vibraphone effect	119
	T_TREMLOLO (Tempo Tremolo)	Tempo-synchronized Tremolo.	120	0
SPATIAL	AUTO PAN1	Several panning effects that automatically shift the sound position (left, right, front, back).	71	16
	AUTO PAN2		71	0
	*1 AUTO PAN3		71	1
	EP AUTOPAN		71	21
	T_AUTO PAN1 (Tempo Auto Pan 1)		121	0
	*1 T_AUTO PAN2 (Tempo Auto Pan 2)	121	1	
EQ/ENHANCER	EQ DISCO	Equalizer effect that boosts both high and low frequencies, as is typical in most disco music.	76	16
	EQ TEL	Equalizer effect that cuts both high and low frequencies, to simulate the sound heard through a telephone receiver.	76	17
	2BAND EQ	A stereo EQ with adjustable LOW and HIGH. Ideal for drum Parts.	77	0
	3BAND EQ	A mono EQ with adjustable LOW, MID, and HIGH equalizing.	76	0
	ST 3BAND EQ	A stereo EQ with adjustable LOW, MID, and HIGH equalizing.	76	18
	HM ENHANCE1 (Harmonic Enhancer 1)	Adds new harmonics to the input signal to make the sound stand out.	81	16
	HM ENHANCE2 (Harmonic Enhancer 2)		81	0
MISC	*1 VCE CANCEL (Voice Cancel)	Attenuates the vocal part of a CD or other source.	85	0
	*1 AMBIENCE	Blurs the stereo positioning of the sound to add spatial width.	88	0
	*1 TALKING MOD (Talking Modulation)	Adds a vowel sound to the input signal.	93	0
	*1 LOOP FX1	Degrades the audio quality of the input signal.	94	16
	*1 LOOP FX2		94	17
	*1 LO-FI		94	0
	*1 LO-FI DRUM1		94	18
	*1 LO-FI DRUM2		94	19
	LO-FI DRUM3	Degrades the audio quality of the input signal. For the drum part.	76	19
	LO-FI DRUM4		76	20
	*1 DYN FILTER	Dynamically controlled filter.	109	0
	*1 DYN RINGMOD	Dynamically controlled Ring Modulator.	112	0
	*1 RING MOD	An effect that modifies the pitch by applying amplitude modulation to the frequency of the input.	113	0
	*1 ISOLATOR	Controls the level of a specified frequency band of the input signal.	115	0
	NO EFFECT	*3 -	No effect.	0
THRU	-	Bypass without applying an effect.	64	0

*1 These types are not available for DSP 2 – 4 on the CVP-505/503/501.

*2 These types become mono for DSP 2 – 4 on the CVP-505/503/501.

*3 DSP 1 only

*4 This type is not available on the CVP-509.

*5 These types are not available on the CVP-505/503/501.

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

- Parameters marked with a ● in the "Control" column can be controlled from an AC1 (assignable controller 1) etc. However, these only affect insertion type effects.
- Parameter 10 Dry/Wet only affects insertion type effects.

Effect Name

**BASIC HALL, LIGHT HALL, HALL 1, 2, 3, 4, 5, HALL M, HALL L, ATMO HALL
ROOM 1, 2, 3, 4, 5, 6, 7, ROOM S, ROOM M, ROOM L, ACOSTIC ROOM, DRUMS ROOM,
PERC ROOM
STAGE 1, 2, 3, 4
PLATE 1, 2, 3, GM PLATE**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2, *3)	0 – 127 0 – 63	table#5	
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Rev Delay	0.1mS – 200.0mS (*1) 0.1mS – 99.3mS (*2, *3)	0 – 127 0 – 63	table#5	
12	Density	0 – 4 (*1, *2) 0 – 2 (*3)	0 – 4		
13	Er/Rev Balance	E63>R – E=R – E<R63	1 – 127		
14	High Damp	0.1 – 1.0	1 – 10		
15	Feedback Level	-63 – +63	1 – 127	table#16	
16					

**BALLAD HALL, PIANO HALL, LARGE HALL, MEDIUM HALL
WARM ROOM, WOODY ROOM
RICH PLATE**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14	High Damp	0.1 – 1.0	1 – 10		
15					
16					

DELAY LCR1, DELAY LCR2

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
2	Rch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
3	Cch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
4	Feedback Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	Cch Level	0 – 127	0 – 127	table#18	
7	High Damp	0.1 – 1.0	1 – 10		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

DELAY LR

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
2	Rch Delay	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		

No.	Parameter	Display	Value	See Table	Control
3	Feedback Delay 1	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
4	Feedback Delay 2	0.1 – 1638.3ms (*2) 0.1 – 1486.0ms (*3)	1 – 16383		
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	High Damp	0.1 – 1.0	1 – 10		
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

ECHO

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay1	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
2	Lch Feedback Level	-63 – +63	1 – 127	table#16	
3	Rch Delay1	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
4	Rch Feedback Level	-63 – +63	1 – 127	table#16	
5	High Damp	0.1 – 1.0	1 – 10		
6	Lch Delay2	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
7	Rch Delay2	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
8	Delay2 Level	0 – 127	0 – 127	table#18	
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

CROSS DELAY 1, CROSS DELAY 2

No.	Parameter	Display	Value	See Table	Control
1	L->R Delay	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
2	R->L Delay	0.1 – 1486.0ms (*2) 0.1 – 743.0ms (*3)	1 – 14860		
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Input Select	L, R, L&R	0 – 2		
5	High Damp	0.1 – 1.0	1 – 10		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

ER1, ER2

No.	Parameter	Display	Value	See Table	Control
1	Type	S-H, L-H, Rdm, Rvs, Plt, Spr	0 – 5		
2	Room Size	0.1 – 20.0	0 – 127	table#6	
3	Diffusion	0 – 10	0 – 10		
4	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
7	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Liveness	0 – 10	0 – 10		
12	Density	0 – 3	0 – 3		
13	High Damp	0.1 – 1.0	1 – 10		
14					
15					
16					

**GATE REVERB
REVERB GATE**

No.	Parameter	Display	Value	See Table	Control
1	Type	TypeA, TypeB	0 – 1		
2	Room Size	0.1 – 20.0	0 – 127	table#6	
3	Diffusion	0 – 10	0 – 10		
4	Initial Delay	0.1mS – 200.0mS	0 – 127	table#5	
5	Feedback Level	-63 – +63	1 – 127	table#16	
6	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
7	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Liveness	0 – 10	0 – 10		
12	Density	0 – 3	0 – 3		
13	High Damp	0.1 – 1.0	1 – 10		
14					
15					
16					

**WHITE ROOM
TUNNEL
CANYON
BASEMENT**

No.	Parameter	Display	Value	See Table	Control
1	Reverb Time	0.3 – 30.0s	0 – 69	table#4	
2	Diffusion	0 – 10	0 – 10		
3	Initial Delay	0.1mS – 200.0mS (*1)	0 – 127	table#5	
		0.1mS – 99.3mS (*2)	0 – 63		
4	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
5	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
6	Width	0.5 – 30.2m (*1)	0 – 104	table#11	
		0.5 – 10.2m (*2)	0 – 37		
7	Height	0.5 – 30.2m (*1)	0 – 104	table#11	
		0.5 – 20.2m (*2)	0 – 73		
8	Depth	0.5 – 30.2m	0 – 104	table#11	
9	Wall Vary	0 – 30	0 – 30		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Rev Delay	0.1mS – 200.0mS (*1)	0 – 127	table#5	
		0.1mS – 99.3mS (*2)	0 – 63		
12	Density	0 – 4	0 – 4		
13	Er/Rev Balance	E63>R – E=R – E<R63	1 – 127		
14	High Damp	0.1 – 1.0	1 – 10		
15	Feedback Level	-63 – +63	1 – 127	table#16	
16					

KARAOKE 1, 2, 3

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1mS – 400.0mS	0 – 127	table#7	
2	Feedback Level	-63 – +63	1 – 127	table#16	
3	HPF Cutoff	Thru – 8.0kHz	0 – 52	table#3	
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Density	0 – 3	0 – 3		
12					
13					
14					
15					
16					

**TEMPO DELAY 1, 2
TEMPO ECHO**

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Feedback Level	-63 – +63	1 – 127	table#16	
3	Feedback High Dump	0.1 – 1.0	1 – 10		
4	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
5	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40		

No.	Parameter	Display	Value	See Table	Control
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58		
16	EQ High Gain	-12 – +12dB	52 – 76		

TEMPO CROSS 1, 2, 3, 4

No.	Parameter	Display	Value	See Table	Control
1	Delay Time L>R	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Time R>L	64th/3 – 4thx6	0 – 19	table#14	
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Input Select	L, R, L&R	0 – 2		
5	Feedback High Dump	0.1 – 1.0	1 – 10		
6	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40		
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58		
16	EQ High Gain	-12 – +12dB	52 – 76		

**CHORUS 5, 6, 7, 8, CHORUS FAST, CHORUS LITE, GM CHORUS 1, 2, 3, 4, FB CHORUS
CHORUS 1, 2, 3, 4, CELESTE 1, 2, ROTARY SP5**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0mS – 50mS	0 – 127	table#2	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14					
15	Input Mode	mono/stereo	0 – 1		
16					

FLANGER 1, 2, 3, 4, 5, GM FLANGER

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0mS – 50mS	0 – 127	table#2	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*4)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*4)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15					
16					

SYMPHONIC 1, 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	table#19	
3	Delay Offset	0.0mS - 50mS	0 - 127	table#2	
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	table#15	●
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

ROTARY SP 1, 6

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	table#19	
3					
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	table#15	
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

**DST+ROT SP
OD+ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	table#19	
3					
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	table#15	
11					
12					
13					
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60	table#3	
16	Output Level	0 - 127	0 - 127	table#18	

AMP+ROT SP

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	LFO Depth	0 - 127	0 - 127	table#19	
3	AMP Type	Off, Stack, Combo, Tube	0 - 3		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W=63	1 - 127	table#15	
11					
12					
13					
14	Drive	0 - 127	0 - 127		
15	LPF Cutoff	1kHz - Thru	34 - 60	table#3	
16	Output Level	0 - 127	0 - 127	table#18	

TREMOLO 1, 3, EP TREMOLO, GT TREMOLO 2, ROTARY SP 4

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	AM Depth	0 - 127	0 - 127		
3	PM Depth	0 - 127	0 - 127		
4					
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14	LFO Phase Difference	-180 - +180deg (resolution=3deg.)	4 - 124		
15	Input Mode	mono/stereo	0 - 1		
16					

AUTO PAN 1, 2, EP AUTOPAN, TREMOLO 2, GT TREMOLO 1, ROTARY SP 2, 3, 7

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	L/R Depth	0 - 127	0 - 127		
3	F/R Depth	0 - 127	0 - 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 - 5		
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15					
16					

AUTO PAN 3

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	●
2	L/R Depth	0 - 127	0 - 127		
3	F/R Depth	0 - 127	0 - 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 - 5		
5	LFO Wave	0 - 28	0 - 28		
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10					
11	EQ Mid Frequency (*4)	100Hz - 10.0kHz	14 - 54	table#3	
12	EQ Mid Gain (*4)	-12 - +12dB	52 - 76		
13	EQ Mid Width (*4)	0.1 - 12.0	1 - 120		
14					
15	Input Mode	Mono, Stereo	0 - 1		
16					

PHASER 1, EP PHASER 1, 2, 3

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127	table#1	
2	LFO Depth	0 - 127	0 - 127	table#19	
3	Phase Shift Offset	0 - 127	0 - 127		
4	Feedback Level	-63 - +63	1 - 127	table#16	
5					
6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	table#3	
7	EQ Low Gain	-12 - +12dB	52 - 76		
8	EQ High Frequency	500Hz - 16.0kHz	28 - 58	table#3	
9	EQ High Gain	-12 - +12dB	52 - 76		
10	Dry/Wet	D63>W - D=W - D<W63	1 - 127	table#15	●
11	Stage	4 - 22 (*2) 4 - 12 (*3)	4 - 22		
12	Diffusion	mono/stereo	0 - 1		
13					
14					
15					
16					

PHASER 2, 3

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	table#16	
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Stage	3 – 11	3 – 11		
12					
13	LFO Phase Difference	-180deg – +180deg (resolution=3deg.)	4 – 124		
14					
15					
16					

AMP SIM 1, DIST HARD 1, DIST HARD 2, DIST SOFT 1, DIST SOFT 2

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

DIST HEAVY OVERDRIVE

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

AMP SIM 2

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube, Crunch, Hi gain, British	0 – 6		
3	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13					
14					
15					
16					

COMP+DIST 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12	Attack	1ms – 40ms	0 – 19	table#8	
13	Release	10ms – 680ms	0 – 15	table#9	
14	Threshold	-48dB – -6dB	79 – 121		
15	Ratio	1.0 – 20.0	0 – 7	table#10	
16					

**ST AMP SOLID, ST AMP CRUNC, ST AMP BLUES, ST AMP CLEAN, ST AMP HARP
ST AMP 1, 2, 3, 4, 5, 6, ST DIST HARD, ST DIST SOFT**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	AMP Type	Off, Stack, Combo, Tube	0 – 3		
3	LPF Cutoff	1kHz – Thru	34 – 60	table#3	
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127 (mild – sharp)	0 – 127		
12					
13					
14					
15					
16					

**ST DIST
ST OD**

No.	Parameter	Display	Value	See Table	Control
1	Drive	0 – 127	0 – 127		●
2	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
3	EQ Low Gain	-12 – +12dB	52 – 76		
4	LPF Cutoff	1kHz – Thru	34 – 60		
5	Output Level	0 – 127	0 – 127	table#18	
6					
7	EQ Mid Frequency	100Hz – 10.0kHz	14 – 54	table#3	
8	EQ Mid Gain	-12 – +12dB	52 – 76		
9	EQ Mid Width	0.1 – 12.0	1 – 120		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Edge (Clip Curve)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

3 BAND EQ, EQ DISCO, EQ TEL, ST 3 BAND EQ, LO-FI DRUM 3, 4

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Gain	-12 – +12dB	52 – 76		
2	EQ Mid Frequency	100Hz – 16.0kHz	14 – 58	table#3	
3	EQ Mid Gain	-12 – +12dB	52 – 76		
4	EQ Mid Width	0.1 – 12.0	1 – 120		
5	EQ High Gain	-12 – +12dB	52 – 76		
6	EQ Low Frequency	50Hz – 2.0kHz	8 – 40	table#3	
7	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
8					
9					
10					
11					
12					
13					
14					
15	Input Mode	mono/stereo	0 – 1		
16					

2 BAND EQ

No.	Parameter	Display	Value	See Table	Control
1	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
2	EQ Low Gain	-12 – +12dB	52 – 76		
3	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
4	EQ High Gain	-12 – +12dB	52 – 76		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

AUTO WAH 1, 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive (*4)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

**AT.WAH+DST 1, 2, AT.WH+DST HD, AT.WH+DST HV, AT.WH+DST LT
AT.WAH+OD 1, 2, AT.WH+OD HD, AT.WH+OD HV, AT.WH+OD LT**

No.	Parameter	Display	Value	See Table	Control
1	LFO Frequency	0.00Hz – 39.7Hz	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

TEMPO AT.WAH

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive (*4)	0 – 127	0 – 127		
12					
13					
14					
15					
16					

**T_AT.WH+DST, T_A.WH+DSTHD, T_A.WH+DSTHV, T_A.WH+DSTLT
T_AT.WH+OD, T_A.WH+OD HD, T_A.WH+OD HV, T_A.WH+OD LT**

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		●
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

PITCH CHG 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 – +24	40 – 88		
2	Initial Delay	0.1mS – 400.0mS	0 – 127	table#7	
3	Fine 1	-50 – +50	14 – 114		
4	Fine 2	-50 – +50	14 – 114		
5	Feedback Level	-63 – +63	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Pan 1	L63 – R63	1 – 127		
12	Output Level 1	0 – 127	0 – 127	table#18	
13	Pan 2	L63 – R63	1 – 127		
14	Output Level 2	0 – 127	0 – 127	table#18	
15					
16					

PITCH CHG 3

No.	Parameter	Display	Value	See Table	Control
1	Pitch	-24 – +24	40 – 88		
2	Initial Delay	0.1mS – 400.0mS	0 – 127	table#7	
3	Fine 1	-50 – +50cent	14 – 114		
4	Fine 2	-50 – +50cent	14 – 114		
5	Feedback Level	-63 – +63	1 – 127		
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Pan 1	L63 – R63	1 – 127		
12	Output Level 1	0 – 127	0 – 127	table#18	
13	Pan 2	L63 – R63	1 – 127		
14	Output Level 2	0 – 127	0 – 127	table#18	
15					
16					

HM ENHANCE 1, 2

No.	Parameter	Display	Value	See Table	Control
1	HPF Cutoff	500Hz – 16.0kHz	28 – 58		
2	Drive	0 – 127	0 – 127		
3	Mix Level	0 – 127	0 – 127		
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

NOISE GATE

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 – 40ms	0 – 19	table#8	
2	Release	10 – 680ms	0 – 15	table#9	
3	Threshold	-72 – -30dB	55 – 97		
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

TOUCH WAH 1, TC.WH+DST 1, TC.WH+DST 2

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		
2	Cutoff Frequency Offset	0 – 127	0 – 127		●
3	Resonance	1.0 – 12.0	10 – 120		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12					
13					
14					
15					
16					

VCE CANCEL

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11	Low Adjust	0 – 26	0 – 26		
12	High Adjust	0 – 26	0 – 26		
13					
14					
15					
16					

TOUCH WAH 2, 3

TC.WH+DST HD, TC.WH+DST HV, TC.WH+DST LT
TC.WH+OD 1, 2, TC.WH+OD HD, TC.WH+OD HV, TC.WH+OD LT
CLAVI TC.WAH, EP TC.WAH

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		
2	Cutoff Frequency Offset	0 – 127	0 – 127		●
3	Resonance	1.0 – 12.0	10 – 120		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16	Release	10 – 680mS	52 – 67	table#12	

2WAY ROT SP

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0Hz – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High	L63>H – L=H – L<H63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0deg – 180deg (resolution=3deg.)	0 – 60		
13					
14					
15					
16					

COMPRESSOR, COMP MED, COMP HEAVY

No.	Parameter	Display	Value	See Table	Control
1	Attack	1 – 40ms	0 – 19	table#8	
2	Release	10 – 680ms	0 – 15	table#9	
3	Threshold	-48 – -6dB	79 – 121		
4	Ratio	1.0 – 20.0	0 – 7	table#10	
5	Output Level	0 – 127	0 – 127	table#18	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

**DST+2ROT SP
OD+2ROT SP**

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0 – 180deg	0 – 60		
13					
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60		
16	Output Level	0 – 127	0 – 127	table#18	

AMP+2ROT SP

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed	0.0 – 39.7Hz	0 – 127	table#1	●
2	Drive Low	0 – 127	0 – 127		
3	Drive High	0 – 127	0 – 127		
4	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	Crossover Frequency	100Hz – 10.0kHz	14 – 54	table#3	
12	Mic L-R Angle	0 – 180deg	0 – 60		
13	AMP Type	Off, Stack, Combo, Tube	0 – 3		
14	Drive	0 – 127	0 – 127		
15	LPF Cutoff	1kHz – Thru	34 – 60		
16	Output Level	0 – 127	0 – 127	table#18	

ENS DETUNE 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Detune	-50 – +50cent	14 – 114		
2	Lch Init Delay	0.0ms – 50ms	0 – 127	table#2	
3	Rch Init Delay	0.0ms – 50ms	0 – 127	table#2	
4					
5					
6					
7					
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
12	EQ Low Gain	-12 – +12dB	52 – 76		
13	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
14	EQ High Gain	-12 – +12dB	52 – 76		
15					
16					

AMBIENCE

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.0ms – 50ms	0 – 127	table#2	
2	Output Phase	normal/inverse	0 – 1		
3					
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

TALKING MOD

No.	Parameter	Display	Value	See Table	Control
1	Vowel	a, i, u, e, o	0 – 4		●
2	Move speed	1 – 62	1 – 62		
3	Drive	0 – 127	0 – 127		
4	Output Level	0 – 127	0 – 127	table#18	
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

LO-FI, LOOP FX 1, 2, LO-FI DRUM 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Sampling Freq Control	44.1kHz – 345Hz	0 – 127	table#13	
2	Word Length	1 – 127	1 – 127		
3	Output Gain	-6 – +36dB	0 – 42		
4	LPF Cutoff	63Hz – Thru	10 – 60	table#3	
5	Filter Type	Thru, PowerBass, Radio, Tel, Clean, Low	0 – 5		
6	LPF Resonance	1.0 – 12.0	10 – 120		
7	Bit Assign	0 – 6	0 – 6		
8	Emphasis	Off/On	0 – 1		
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15	Input Mode	mono/stereo			
16					

DST+DELAY 1, 2, OD+DELAY 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Lch Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Rch Delay Time	0.1 – 1638.3ms	1 – 16383		
3	Delay Feedback Time	0.1 – 1638.3ms	1 – 16383		
4	Delay Feedback Level	-63 – +63	1 – 127	table#16	
5	Delay Mix	0 – 127	0 – 127		
6	Dist Drive	0 – 127	0 – 127		
7	Dist Output Level	0 – 127	0 – 127	table#18	
8	Dist EQ Low Gain	-12 – +12dB	52 – 76		
9	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

CMP+DST+DLY 1, 2, CMP+OD+DLY 1, 2

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Comp. Attack	1ms – 40ms	0 – 19	table#8	
12	Comp. Release	10ms – 680ms	0 – 15	table#9	
13	Comp. Threshold	-48dB – -6dB	79 – 121		
14	Comp. Ratio	1.0 – 20.0	0 – 7	table#10	
15					
16					

WH+DST+DLY1, 2, WH+OD+DLY1, 2

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	0.1 – 1638.3ms	1 – 16383		
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Wah Sensitivity	0 – 127	0 – 127		
12	Wah Cutoff Freq Offset	0 – 127	0 – 127		
13	Wah Resonance	1.0 – 12.0	10 – 120		
14	Wah Release	10 – 680ms	52 – 67	table#12	
15					
16					

V_DIST HARD, V_DIST SOFT, V_DIST WARM, V_DIST CLS H, V_DIST CLS S,
V_DIST METAL, V_DIST CRUNC, V_DIST BLUES, V_DIST EDGY, V_DIST SOLID,
V_DIST CLEAN 1, 2, V_DIST TWIN, V_DIST JZ CLN

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6					
7					
8					
9					
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

V_DIST H+DLY
V_DIST S+DLY

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6	Delay Time L	0.1 – 1638.3ms	1 – 16383		
7	Delay Time R	0.1 – 1638.3ms	1 – 16383		
8	Delay Feedback Time	0.1 – 1638.3ms	1 – 16383		
9	Delay Feedback Level	-63 – +63	1 – 127	table#16	
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Delay Mix	0 – 127	0 – 127		
12	Feedback High Dump	0.1 – 1.0	1 – 10		
13					
14					
15					
16					

DUAL ROT SP1, 2, DUAL ROT BRT, DUAL ROT WRM

No.	Parameter	Display	Value	See Table	Control
1	Rotor Speed Slow	0.0 – 2.65Hz	0 – 63	table#1	
2	Horn Speed Slow	0.0 – 2.65Hz	0 – 63	table#1	
3	Rotor Speed Fast	2.69 – 39.7Hz	64 – 127	table#1	
4	Horn Speed Fast	2.69 – 39.7Hz	64 – 127	table#1	
5	Slow-Fast Time of R	0 – 127	0 – 127		
6	Slow-Fast Time of H	0 – 127	0 – 127		
7	Drive Low	0 – 127	0 – 127		
8	Drive High	0 – 127	0 – 127		
9	Low/High Balance	L63>H – L=H – L<H=63	1 – 127		
10					
11	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
12	EQ Low Gain	-12 – +12dB	52 – 76		
13	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
14	EQ High Gain	-12 – +12dB	52 – 76		
15	Mic L-R Angle	0 – 180deg	0 – 60		
16	Speed Control	Slow/Fast	0 – 1		●

DST+TDLY, OD+TDLY

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11					
12					
13					
14					
15					
16					

CMP+DST+TDL, CMP+OD+TDLY1, 2, 3, 4, 5, 6

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11	Comp. Attack	1ms – 40ms	0 – 19	table#8	
12	Comp. Release	10ms – 680ms	0 – 15	table#9	
13	Comp. Threshold	-48dB – -6dB	79 – 121		
14	Comp. Ratio	1.0 – 20.0	0 – 7	table#10	
15					
16					

WH+DST+TDLY, WH+OD+TDLY1, 2

No.	Parameter	Display	Value	See Table	Control
1	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
2	Delay Feedback Level	-63 – +63	1 – 127	table#16	
3	Delay Mix	0 – 127	0 – 127		
4	Dist Drive	0 – 127	0 – 127		
5	Dist Output Level	0 – 127	0 – 127	table#18	
6	Dist EQ Low Gain	-12 – +12dB	52 – 76		
7	Dist EQ Mid Gain	-12 – +12dB	52 – 76		
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W=63	1 – 127	table#15	●
11	Wah Sensitivity	0 – 127	0 – 127		
12	Wah Cutoff Freq Offset	0 – 127	0 – 127		
13	Wah Resonance	1.0 – 12.0	10 – 120		
14	Wah Release	10 – 680mS	52 – 67	table#12	
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

V_DST H+TDL1, 2, V_DST S+TDL1, 2, V_DIST ROCA, V_DST FUSION

No.	Parameter	Display	Value	See Table	Control
1	Overdrive	0 – 100%	0 – 100		
2	Device	Transistor/Vintage Tube/ Dist1/Dist2/Fuzz	0 – 4		
3	Speaker	Flat/Stack/Combo/Twin/ Radio/Megaphone	0 – 5		
4	Presence	0 – 20	0 – 20		
5	Output Level	0 – 100%	0 – 100		
6	Delay Time	64th/3 – 4thx6	0 – 19	table#14	
7	Delay Feedback Level	-63 – +63	1 – 127	table#16	
8	L/R Diffusion	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
9	Lag	1(-63ms) – 64(0ms) – 127(63ms)	1 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Delay Mix	0 – 127	0 – 127		
12	Feedback High Dump	0.1 – 1.0	1 – 10		
13					
14					
15					
16					

V_FLANGER

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	0.0 – 39.70[Hz]	0 – 127	table#1	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	LFO Wave	Triangle, Sine, Random	0 – 2		
4	Delay Offset	0.09 – 36.21[ms]	0 – 139	table#23	
5	Feedback Level	-100 – +100[%]	0 – 200		
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ mid frequency	100[Hz] – 10.0[kHz]	14 – 54	table#3	
12	EQ mid gain	-12 – +12[dB]	52 – 76		
13	EQ mid width	0.1 – 12.0	1 – 120		
14	Modulation Phase	-180 – +180[deg]	0 – 16	table#24	
15	Feedback High Damp	0.1 – 1.0	1 – 10		
16	Analog Feel	0 – 10	0 – 10		

MBAND COMP, COMP MELODY, COMP BASS

No.	Parameter	Display	Value	See Table	Control
1	Type	Normal, Low, Mid, High, Low/High, Low/Mid, Mid/ High, Full Bit, Wild, Attacky, Low End, Hard, Basic	0 – 12		
2	Threshold Offset	-32 – +32	32 – 96		●
3	Low Gain Offset	-63 – +63	1 – 127		
4	Mid Gain Offset	-63 – +63	1 – 127		
5	High Gain Offset	-63 – +63	1 – 127		
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

T_FLANGER

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 21	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Delay Offset	0.0 – 50.0[ms]	0 – 127	table#2	
5					
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	EQ mid frequency	100[Hz] – 10.0[kHz]	14 – 54	table#3	
12	EQ mid gain	-12 – +12[dB]	52 – 76		
13	EQ mid width	0.1 – 12.0	1 – 120		
14	LFO phase difference	-180 – +180[deg]	4 – 124		
15					
16					

T_PHASER 1, 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 21	table#14	
2	LFO Depth	0 – 127	0 – 127	table#19	
3	Phase Shift Offset	0 – 127	0 – 127		
4	Feedback Level	-63 – +63	1 – 127	table#16	
5					
6	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
7	EQ Low Gain	-12 – +12[dB]	52 – 76		
8	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
9	EQ High Gain	-12 – +12[dB]	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	●
11	Stage	3 – 11	3 – 11		
12					
13	LFO phase difference	-180 – +180[deg]	4 – 124		
14					
15					
16					

DYN FILTER

No.	Parameter	Display	Value	See Table	Control
1	Filter Type	LPF (12dB), LPF (18dB), LPF (24dB), HPF, BPF, BEF	0 – 5		
2	Sensitivity	0 – 127	0 – 127		●
3	Dyna Level Offset	0 – 127	0 – 127		
4	Resonance	-16 – +111	0 – 127		
5	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
6	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
7	Release Curve	0 – 127	0 – 127		
8	Direction	Up, Down	0 – 1		
9	Dyna Threshold Level	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12[dB]	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

DYN FLANGER

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	Delay Time Offset	0 – 127	0 – 127		
3	Feedback Level	-63 – +63	1 – 127	table#17	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9	Dyna Level Offset	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

DYN PHASER

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	Dyna Level Offset	0 – 127	0 – 127		
3	Feedback Level	-63 – +63	1 – 127	table#16	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Stage	4, 5, 6	4 – 6		
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

VIBE VIBRATE

No.	Parameter	Display	Value	See Table	Control
1	Vibrate Speed	0.00Hz – 39.7Hz	0 – 127	table#1	
2	Vibrate Depth (AM)	0 – 127	0 – 127		
3	Vibrate Depth (PM)	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet Balance	D63>W – D=W – D<W63	1 – 127	table#15	
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16	Vibrate SW	Off, On	0 – 1		●

DYN RINGMOD

No.	Parameter	Display	Value	See Table	Control
1	Sensitivity	0 – 127	0 – 127		●
2	HPF Cutoff Frequency	Thru(20[Hz]) – 8.0[kHz]	0 – 52	table#3	
3	LPF Cutoff Frequency	1.0[kHz] – Thru (20.0[kHz])	34 – 60	table#3	
4	Attack Time	0.3 – 227[ms]	0 – 127	table#20	
5	Release Time	2.6 – 2171.4[ms]	0 – 127	table#21	
6	Release Curve	0 – 127	0 – 127		
7	Direction	Up, Down	0 – 1		
8	Dyna Threshold Level	0 – 127	0 – 127		
9	Dyna Level Offset	0 – 127	0 – 127		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

T_TREMOLO

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	AM Depth	0 – 127	0 – 127		
3	PM Depth	0 – 127	0 – 127		
4					
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14	LFO Phase Difference	-180 – +180deg (resolution=3deg.)	4 – 124		
15	Input Mode	mono/stereo	0 – 1		
16					

RING MOD

No.	Parameter	Display	Value	See Table	Control
1	Carrier Freq Coarse	0.7[Hz] – 5[kHz]	0 – 127	table#22	●
2	Carrier Freq Fine	0 – 127	0 – 127		
3	LFO Wave	Triangle, Sine	0 – 1		
4	LFO Depth	0 – 127	0 – 127	table#19	
5	LFO Freq	0.0 – 39.70[Hz]	0 – 127	table#1	
6	HPF Cutoff Frequency	Thru(20[Hz]) – 8.0[kHz]	0 – 52	table#3	
7	LPF Cutoff Frequency	1.0[kHz] – Thru(20.0[kHz])	34 – 60	table#3	
8					
9					
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11					
12					
13	EQ Low Frequency	32[Hz] – 2.0[kHz]	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500[Hz] – 16.0[kHz]	28 – 58	table#3	
16	EQ High Gain	-12 – +12[dB]	52 – 76		

T_AUTO PAN 1

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14					
15					
16					

ISOLATOR

No.	Parameter	Display	Value	See Table	Control
1	On/off SW	Off, On	0 – 1		●
2	Low Level	0 – 127	0 – 127		
3	Mid Level	0 – 127	0 – 127		
4	High Level	0 – 127	0 – 127		
5	Low Mute	Off, On	0 – 1		
6	Mid Mute	Off, On	0 – 1		
7	High Mute	Off, On	0 – 1		
8					
9					
10					
11					
12					
13					
14					
15					
16					

Effect Parameter List / Liste der Effektparameter / Liste des paramètres d'effets / Lista de parámetros de efectos

T_AUTO PAN 2

No.	Parameter	Display	Value	See Table	Control
1	LFO Freq	16th – 4thx16	5 – 29	table#14	●
2	L/R Depth	0 – 127	0 – 127		
3	F/R Depth	0 – 127	0 – 127		
4	PAN Direction	L<->R, L->R, L<-R, Lturn, Rturn, L/R	0 – 5		
5	LFO Wave	0 – 28	0 – 28		
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10					
11	EQ Mid Frequency (*2)	100Hz – 10.0kHz	14 – 54	table#3	
12	EQ Mid Gain (*2)	-12 – +12dB	52 – 76		
13	EQ Mid Width (*2)	0.1 – 12.0	1 – 120		
14					
15	Input Mode	mono, stereo	0 – 1		
16					

V.PEDAL WH B, V.PEDAL WH D

No.	Parameter	Display	Value	See Table	Control
1	Pedal Control	0 – 127	0 – 127		●
2	Bottom	0 – 127	0 – 127		
3	Top	0 – 127	0 – 127		
4	Resonance Offset	-12.0 – +12.0	40 – 88		
5	Direction	up, down	0 – 1		
6	Type	High, Mid, Low, Bass	0 – 3		
7	OverDrive	0.0dB – +40.0dB	0 – 80		
8	Output	-20.0dB – +10.0dB	24 – 84		
9					
10					
11					
12					
13	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
14	EQ Low Gain	-12 – +12dB	52 – 76		
15	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
16	EQ High Gain	-12 – +12dB	52 – 76		

PEDAL WAH

No.	Parameter	Display	Value	See Table	Control
1	Pedal Control	0 – 127	0 – 127		●
2	Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12					
13					
14					
15					
16					

NO EFFECT

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

PEDAL WH+DST, P.WH+DST HD, P.WH+DST HV, P.WH+DST LT
 PEDAL WH+OD, P.WH+OD HD, P.WH+OD HV, P.WH+OD LT

No.	Parameter	Display	Value	See Table	Control
1	Pedal Control	0 – 127	0 – 127		●
2	Depth	0 – 127	0 – 127	table#19	
3	Cutoff Frequency Offset	0 – 127	0 – 127		
4	Resonance	1.0 – 12.0	10 – 120		
5					
6	EQ Low Frequency	32Hz – 2.0kHz	4 – 40	table#3	
7	EQ Low Gain	-12 – +12dB	52 – 76		
8	EQ High Frequency	500Hz – 16.0kHz	28 – 58	table#3	
9	EQ High Gain	-12 – +12dB	52 – 76		
10	Dry/Wet	D63>W – D=W – D<W63	1 – 127	table#15	
11	Drive	0 – 127	0 – 127		
12	EQ Low Gain (distortion)	-12 – +12dB	52 – 76		
13	EQ Mid Gain (distortion)	-12 – +12dB	52 – 76		
14	LPF Cutoff	1.0kHz – Thru	34 – 60	table#3	
15	Output Level	0 – 127	0 – 127	table#18	
16					

THRU

No.	Parameter	Display	Value	See Table	Control
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

(*1) Reverb Block
 (*2) Chorus Block (CVP-509), DSP1 Block, DSP2 – 9 Block (CVP-509)
 (*3) Chorus Block (CVP-501/503/505), DSP2 – 4 (CVP-501/503/505)
 (*4) Chorus Block (CVP-509) and/or DSP1, DSP2 – 6 (CVP-509) only

Effect Data Assign Table / Effektdaten-Zuordnungstabelle / Tableau d'assignation des données d'effets / Tabla de asignación de datos para efectos

table#15
Dry/Wet

Table with columns: Data, Dry (dB), Wet (dB), etc. for Dry/Wet settings.

table#17
Feedback Level (Chorus types)

Table with columns: Data, Value (%), for Feedback Level (Chorus types).

table#20
Dyna Attack Time (ms)

Table with columns: Data, Value, for Dyna Attack Time (ms).

table#23
V-Flinger Delay Offset

Table with columns: Data, Value, for V-Flinger Delay Offset.

table#18
Level

Table with columns: Data, dB, for Level settings.

table#16
Feedback Level (Reverb, Delay types, Flanger types)

Table with columns: Data, Value (%), for Feedback Level (Reverb, Delay types, Flanger types).

table#21
Dyna Release Time (ms)

Table with columns: Data, Value, for Dyna Release Time (ms).

table#19
LFO Depth

Table with columns: Data, Value (%), for LFO Depth settings.

table#22
Ring Mod Osc Freq Course (Hz)

Table with columns: Data, Value, for Ring Mod Osc Freq Course (Hz).

table#24
Modulation Phase

Table with columns: Data, Value, for Modulation Phase.

Vocal Harmony Type List / Liste der Vocal-Harmony-Effekttypen / Liste des types d'harmonie vocale / Lista de tipos de armonía (CVP-509/505/503)

Order	Type	LCD Name	Mode	Vocoder Type		Chordal Type		Detune Type		Chromatic Type		Thru Type	
				MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB
1	CountryQuartet	CountryQuar	Chordal/Vocorder	89	111	90	47						
2	ClosedMenQuartet	ClsdMenQuar	Chordal/Vocorder	89	117	90	53						
3	MixAcapQuartet	MixAcapQuar	Chordal/Vocorder	89	119	90	55						
4	Women Choir	WomenChoir	Chordal/Vocorder	89	88	90	24						
5	Jazz Sisters	JazzSisters	Chordal/Vocorder	89	120	90	56						
6	Standard Duet	Std Duet	Chordal/Vocorder	89	80	90	16						
7	Men Choir	MenChoir	Chordal/Vocorder	89	87	90	23						
8	Closed Choir	ClosedChoir	Chordal/Vocorder	89	90	90	26						
9	Girl in Duet	Girl Duet	Chordal/Vocorder	89	81	90	17						
10	Speedy Mouse	SpdyMouse	Chromatic							92	17		
11	HighMaleQuartet	HighMaleQua	Chordal/Vocorder	89	115	90	51						
12	Jazz Quartet	JazzQuartet	Chordal/Vocorder	89	114	90	50						
13	Mixed Choir	MixedChoir	Chordal/Vocorder	89	91	90	27						
14	Country Girls	CntryGirls	Chordal/Vocorder	89	89	90	25						
15	Sisters Trio	SistersTrio	Chordal/Vocorder	89	113	90	49						
16	Country Men	CountrMen	Chordal/Vocorder	89	83	90	19						
17	A Capella Boy	ACapellBoy	Chordal/Vocorder	89	85	90	21						
18	A Capella Mix	ACapellaMix	Chordal/Vocorder	89	86	90	22						
19	Gospel Diva	GospelDiva	Chordal/Vocorder	89	112	90	48						
20	Lisa and Tina	Lisa&Tina	Chordal/Vocorder	89	82	90	18						
21	AcapMenQuartet	AcapMenQuar	Chordal/Vocorder	89	118	90	54						
22	JazzMenChoir	JazzMenCho	Chordal/Vocorder	89	101	90	37						
23	JazzClosedCho	J_CloseCho	Chordal/Vocorder	89	103	90	39						
24	JazzWomenCho	J_WomenCho	Chordal/Vocorder	89	102	90	38						
25	LadiesQuartet	LadiesQuart	Chordal/Vocorder	89	116	90	52						
26	Sing B+G	Sing B+G	Chordal/Vocorder	89	93	90	29						
27	Barbershop	Barbershop	Chordal/Vocorder	89	96	90	32						
28	JazzMixedCho	J_MixedCho	Chordal/Vocorder	89	104	90	40						
29	Dream Girls	Dream Girls	Chordal/Vocorder	89	94	90	30						
30	Sing the Bass	SingBass	Chromatic							92	16		
31	Falsetto Duet	FalsetDuet	Chordal/Vocorder	89	84	90	20						
32	Falsetto Trio	FalsetTrio	Chordal/Vocorder	89	92	90	28						
33	Falsetto Dia	FalsettoDia	Chordal/Vocorder	89	100	90	36						
34	Fal A Capella	FalACapella	Chordal/Vocorder	89	95	90	31						
35	Falsetto Jazz	FalsetJazz	Chordal/Vocorder	89	105	90	41						
36	2 Unison Low	2UnisonLow	Chordal/Vocorder	89	106	90	42						
37	3 Unison Low	3UnisonLow	Chordal/Vocorder	89	108	90	44						
38	Diatonic Jazz	DiatncJazz	Chordal/Vocorder	89	97	90	33						
39	Diatonic Girl	DiatncGirl	Chordal/Vocorder	89	98	90	34						
40	A Capella Dia	ACapellaDia	Chordal/Vocorder	89	99	90	35						
41	ChordalXG	ChordalXG	Chordal/Vocorder	89	64	90	0						
42	Karaoke Auto	KaraokAuto	Chordal/Vocorder	89	24	90	88						
43	Karaoke Mode	KaraokMode	Chordal/Vocorder	89	25	90	89						
44	Karaoke Girl	KaraokGirl	Chordal/Vocorder	89	26	90	90						
45	Pitch Correct	PitchCorrect	Chordal/Vocorder	89	27	90	91						
46	2 Unison High	2UnisonHigh	Chordal/Vocorder	89	107	90	43						
47	3 Unison High	3UnisonHigh	Chordal/Vocorder	89	109	90	45						
48	Vocoder Auto Upper	VocodAutoU	Chordal/Vocorder	89	16	90	80						
49	Vocoder Auto Lower	VocodAutoL	Chordal/Vocorder	89	17	90	81						
50	DetuneXG	DetuneXG	Detune					91	0				
51	VocoderXG	VocodXG	Chordal/Vocorder	89	0	90	64						
52	Vocoder Mode Upper	VocodModeU	Chordal/Vocorder	89	18	90	82						
53	Vocoder Mode Lower	VocodModeL	Chordal/Vocorder	89	19	90	83						
54	Vocoder Girl Upper	VocodGirlU	Chordal/Vocorder	89	20	90	84						
55	Vocoder Girl Lower	VocodGirlL	Chordal/Vocorder	89	21	90	85						
56	Vocoder Pitch Upper	VocodPichU	Chordal/Vocorder	89	22	90	86						
57	Vocoder Pitch Lower	VocodPichL	Chordal/Vocorder	89	23	90	87						
58	ChromaticXG	ChromatXG	Chromatic							92	0		
59	Voice&Inst	Voice&Inst	Chordal/Vocorder	89	110	90	46						
60	Pop Vocal	Pop Vocal	Chordal/Vocorder	89	121	90	57						
61	Thru	Thru	-									64	0

Parameter Chart / Parametertabelle / Tableau des paramètres / Gráfico de parâmetros

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
Main																		
SongFile	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Song	-	
StyleFile	O	O	O	O	X	X	X	O	X	-	X	-	X	X	O	Style	-	
Right1 VoiceFile	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Right2 VoiceFile	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Left VoiceFile	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
PartOnOff (Right 1)	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
PartOnOff (Right 2)	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
PartOnOff (Left)	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
RegistrationBankFile	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Audio Player File		O	O	O	X	X	X	X	X	-	X	-	X	X	O	AUDIO	-	
File System																		
CharacterSelect	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	One setting for all the Name related pop-up window.
Song																		
Track1, 2 On/Off	O	O	O	O	X	X	X	X	X	-	O	Guide Setting	X	X	X	-	-	Setting is linked to Channel on/off.
ExtraTracks On/Off	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	Setting is linked to Channel on/off.
A-B Repeat	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Synchro Start	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	SONG	-	
StartStop	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel On/Off	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	SONG	-	
Menu > Function > SongSetting																		
Guide Mode	O	O	O	O	O	X	X	X	X	-	O	Guide Setting	X	X	X	-	-	Reset to its default setting when song data doesn't include this data.
GuideLampOn/Off	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
GuideLampTiming	O	O	O	O	O	X	X	X	X	-	O	Guide Setting	X	X	X	-	-	Reset to its default setting when song data doesn't include this data.
Repeat Mode	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Phrase Mark Repeat	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Track1 Channel	O	O	O	O	O	X	X	X	X	-	O	-	X	X	X	-	-	Set by recording. Different from one of the Track2.
Track2 Channel	O	O	O	O	O	X	X	X	X	-	O	-	X	X	X	-	-	Set by recording. Different from one of the Track2.
Auto Ch Set	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Lyrics Language	O	O	O	O	O	X	X	X	X	-	O	Lyrics Language	X	X	X	-	-	
QuickStart	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
PAT On/Off	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	Set to OFF when a song is selected. Set to ON if the selected song has Sys Ex messages at the beginning of the data.
Tempo																		
Master Tempo	O	O	O	O	X	X	X	X	X	-	O	TEMPO	O	X	O	Tempo	-	
Menu > Function > Digital Rec Menu > Song Creator																		
REC Mode																		
Rec Start	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
PunchInAt	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Rec End	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
PunchOutAt	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Pedal Punch In/Out	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel > Quantize																		
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Size	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Strength	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel > Track Delete																		
Track Delete	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel > Track Mix																		
Source1	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Source2	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Destination	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel > Channel Transpose																		
CHANNEL TRANSPOSE	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
REC Mode > Channel > Setup																		
Setup Select	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Channel > Chd/1-16/SysEx./Lyric > Filter																		
Main Filter	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Control Change Filter	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Style Filter	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
Lyric/Text																		
BackGround (Panel Setting)			0	0	0	X	X	X	X	-	0	Lyrics Setting	X	X	X	-	-	Cannot be reset with Factory Reset.
BackGround (Song Setting)			0	0	X	X	X	X	X	-	0	Lyrics Setting	X	X	X	-	-	Reset to the background selected last via the panel operation with Factory Reset.
Text File (Panel Setting)		0	0	0	X	X	X	X	X	-	X	-	X	X	0	TEXT	-	
Viewer Mode		0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
Text Sw																		
Text Size		0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
SCORE SW																		
Left on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Right on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Lyric on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Pedal on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Chord on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
NoteName on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Fingering on/off	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Size	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Left ch.	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Right ch.	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
KeySignature	0	0	0	0	X	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Quantize	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
NoteName	0	0	0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
ColorNote On/Off			0	0	0	X	X	X	X	-	0	Score Setting	X	X	X	-	-	
Recording data																		
Song XG data	0	0	0	0	X	X	X	X	X	X	0	-	X	X	X	-	-	
Style																		
AccompanimentOnOff	0	0	0	0	X	X	X	X	X	-	X	-	X	⁰ (On)	0	Style	-	
OTSLink	0	0	0	0	X	X	X	⁰ (On)	X	-	X	-	X	X	X	-	-	
AutoFillIn	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
Section	0	0	0	0	X	X	X	X	X	-	X	-	X	X	0	Style	-	
SynchroStart	0	0	0	0	X	X	X	X	X	-	X	-	X	⁰ (On)	0	Style	-	
SynchroStop	0	0	0	0	X	X	X	X	X	-	X	-	X	X	0	Style	-	
StartStop	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
Menu > Function > StyleSetting/SplitPoint/Chord Fingering																		
Style Setting																		
StopAcmp	0	0	0	0	0	X	X	X	X	-	X	-	X	X	0	Style	-	
OTSLinkTiming	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
SynchroStopWindow	0	0	0	0	0	X	X	X	X	-	X	-	X	X	0	Style	-	
StyleTouch	0	0	0	0	0	X	X	X	X	-	X	-	X	X	0	Style	-	
SectionSet	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
Tempo Hold	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
Part On/Off	0	0	0	0	0	X	X	X	X	-	X	-	X	X	X	-	-	
SplitPoint																		
SplitPoint (Left)	0	0	0	0	0	X	X	X	X	-	X	-	X	X	0	Style	Split Point	
SplitPoint (Style)	0	0	0	0	0	X	X	X	X	-	0	Guide Setting	X	X	0	Style	Split Point	
Chord Fingering																		
FingeringType	0	0	0	0	0	X	X	X	X	-	X	-	X	X	0	Style	Fingering	
Chord Root Note	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Chord Root Type	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Menu > Function > Digital Rec Menu > Style Creator																		
BASIC																		
Section	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Pattern Length	0	0	0	0	X	X	X	X	X	-	X	-	0	X	X	-	-	
Tempo	0	0	0	0	X	X	X	X	X	-	X	-	0	X	X	-	-	
Beat	0	0	0	0	X	X	X	X	X	-	X	-	0	X	X	-	-	
Assembly																		
Source Pattern	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Section	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Channel	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	
Play Type	0	0	0	0	X	X	X	X	X	-	X	-	X	X	X	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note	
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group			
Groove > Groove																			
Original Beat	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Beat Converter	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Swing	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Fine	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Groove > Dynamics																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Accent Type	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Strength	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Expand/Comp.	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Boost/Cut	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Channel > Quantize																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Size	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Strength	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Channel > Velocity Change																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Boost/Cut	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Channel > Bar Copy																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Source Top	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Source Last	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Destination	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Channel > Bar Clear																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Source Top	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Source Last	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Channel > Remove Event																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Event	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Parameter																			
Channel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Source Root	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
Source Chord	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
NTR	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
NTT	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
NTT BASS	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
High Key	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
Note Limit Low	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
Note Limit High	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
RTR	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
Edit > Filter																			
Main Filter	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
Control Change Filter	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
MusicFinder																			
SortBy	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
SortOrder	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
Style Tempo	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
Information display SW	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	-	
Search 1/2 display																			
Music	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Keyword	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Style	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Beat	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
SearchArea	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Tempo (Low)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Tempo (High)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Genre	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	-	
Search Result	O	O	O	O	X	X	X	O	X	-	X	-	X	X	X	-	-	-	
Record (=Property settings)	O	O	O	O	X	X	X	O	X	-	X	-	X	X	X	-	-	-	
Recording data																			
SFF data	O	O	O	O	X	X	X	X	X	-	X	-	O	X	X	-	-	-	
VoiceEffect																			
LeftHold	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	-	
Harmony/Echo	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Harmony	-	-	
Poly/Mono (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	-	
Poly/Mono (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	-	
Poly/Mono (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	-	
Dsp (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	-	
Dsp (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	-	
Dsp (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
VoiceEffect																		
Variation (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Variation (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Variation (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
VoiceEffect > Harmony/Echo																		
Type	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
Volume	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
Speed	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
Assign	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
ChordNoteOnly	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
TouchLimit	O	O	O	O	X	X	X	X	O	Harmony	O	Keyboard Voice	X	O	O	Harmony	-	
Voice Open/Save > Voice Set																		
Voice (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Voice (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Voice (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
PIANO																		
Natural Voice Piano SR Depth			O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Natural Voice Piano SS Depth		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Piano Tuning Curve	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
KeyOff Sample		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
COMMON																		
Volume for Balance (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Volume for Balance (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Volume for Balance (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Touch Sense Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Touch Sense Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Touch Sense Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Touch Sense Offset (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Touch Sense Offset (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Touch Sense Offset (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Octave for Right1	O	O	O	O	X	X	X	X	O	Voice	X	-	X	O	O	Voice	-	
Octave for Right2	O	O	O	O	X	X	X	X	O	Voice	X	-	X	O	O	Voice	-	
Octave for Left	O	O	O	O	X	X	X	X	O	Voice	X	-	X	O	O	Style	-	
CONTROLLER																		
MW Low Pass Filter Control (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW Low Pass Filter Control (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW Low Pass Filter Control (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
MW Amplitude Control (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW Amplitude Control (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW Amplitude Control (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
MW LFO PMOD Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO PMOD Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO PMOD Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
MW LFO FMOD Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO FMOD Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO FMOD Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
MW LFO AMOD Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO AMOD Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
MW LFO AMOD Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
SOUND																		
EG Attack (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Attack (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Attack (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
EG Decay (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Decay (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Decay (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
EG Release (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Release (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
EG Release (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Vibrato Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Vibrato Speed (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Speed (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Speed (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Vibrato Delay (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Delay (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Vibrato Delay (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
EFFECT/EQ																		
DSP Type (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Type (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Type (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
DSP Variation Value (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Variation Value (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Variation Value (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
EQ Low Freq (Right1)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ Low Freq (Right2)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ Low Freq (Left)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Style	-	
EQ High Freq (Right1)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ High Freq (Right2)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ High Freq (Left)	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Style	-	
VibeRotor Sw (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
VibeRotor Sw (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
VibeRotor Sw (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
OrganFlute > Footage																		
Organ Flutes Footage (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Footage (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Footage (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Flutes Type (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Type (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Type (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Vib On/Off (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Vib On/Off (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
OrganFlute > Footage																		
Organ Vib On/Off (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Vib Depth (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Organ Vib Depth (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Organ Vib Depth (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Organ Vib Speed (Right1)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Organ Vib Speed (Right2)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Organ Vib Speed (Left)	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
OrganFlute > Volume/Attack																		
Organ Flutes Attack Footage (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack Footage (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack Footage (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Flutes Attack Mode (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack Mode (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack Mode (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Flutes Attack length (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack length (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Attack length (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Flutes Response (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Response (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Response (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Organ Flutes Volume (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Volume (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Organ Flutes Volume (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Mic																		
VocalHarmonyOnOff		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
TalkOnOff		O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Mic EffectOnOff		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VHType		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VHParameters		O	O	O	X	X	O	X	X	-	O	Mic.Setting	X	X	X	-	Mic.Setting	
Main > Mic Setting																		
Mic Setting > OverAll Setting																		
EQ Low Freq.		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
EQ Low Gain		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
EQ Mid Freq.		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
EQ Mid Gain		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
EQ High Freq.		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
EQ High Gain		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Noise Gate SW		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Noise Gate TH		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Compressor SW		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Compressor TH		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Compressor RAT		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Compressor OUT		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
VH Song Channel Mute		O	O	O	X	X	X	X	X	-	X	-	X	X	O	Mic	Mic.Setting	
VH Song Channel		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VH Keyboard		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VH Balance		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VH Mode		O	O	O	X	X	X	X	X	-	X	-	X	X	O	Mic	Mic.Setting	
VH Chord Detect		O	O	O	X	X	X	X	X	-	X	-	X	X	O	Mic	Mic.Setting	
MicMute		O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
MicVolume		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
VocalRange		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Mic Setting > Talk Setting																		
Talk Setting Volume		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting Pan		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting ReverbDepth		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting ChorusDepth		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting TotalVolumeAttenuator		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
Mic Setting > Talk Setting																		
Talk Setting DSPOnOff		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting DSPDepth		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Talk Setting DSPTyp		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Main > Mixing Console > Vol/Voice																		
Volume																		
Offset Volume Song	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Song	-	
Offset Volume Style	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
Volume Mic		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
Volume Left	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
Volume Right1	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Volume Right2	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Part Volume Song	O	O	O	O	X	X	X	X	X	-	O	Volume	X	X	X	-	-	
Part Volume Style	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
PanPot																		
Offset PanPot Song	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Offset PanPot Style	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
PanPot Mic		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
PanPot Left	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
PanPot Right1	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
PanPot Right2	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Part PanPot Song	O	O	O	O	X	X	X	X	X	-	O	Pan	X	X	X	-	-	
Part PanPot Style	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Voice																		
Voice (Right1)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Voice (Right2)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Voice	-	
Voice (Left)	O	O	O	O	X	X	X	X	O	-	O	Keyboard Voice	X	O	O	Style	-	
Voice (Style Part)	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Voice (Song Part)	O	O	O	O	X	X	X	X	X	-	O	Voice	X	X	X	-	-	
Auto Revoice																		
Auto Revoice On/Off	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Auto Revoice Setup	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Main > Mixing Console > Filter																		
Brightness																		
Brightness Song Part	O	O	O	O	X	X	X	X	X	-	O	Filter	X	X	X	-	-	
Brightness Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Brightness Right1	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Brightness Right2	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Brightness Left	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Harmonic Content																		
Harmonic Content Song Part	O	O	O	O	X	X	X	X	X	-	O	Filter	X	X	X	-	-	
Harmonic Content Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Harmonic Content Right1	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Harmonic Content Right2	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Harmonic Content Left	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Main > Mixing Console > Tune																		
Octave																		
Octave Right1	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Octave Right2	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Octave Left	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	
Tune																		
Tune Right1	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Tune Right2	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Tune Left	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
Portamento Time																		
Portamento Time Right1	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Portamento Time Right2	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Voice	-	
Portamento Time Left	O	O	O	O	X	X	X	X	O	Voice	O	Keyboard Voice	X	O	O	Style	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
Pitch Bend Range																		
Pitch Bend Range Right1	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Pitch Bend Range Right2	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Voice	-	
Pitch Bend Range Left	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
Transpose																		
Master Transpose	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Transpose	-	
Song Transpose	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Transpose	-	
Keyboard Transpose	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Transpose	-	
Main > Mixing Console > CMP																		
MasterCompressor Type				O	O	X	X	X	X	-	X	-	X	X	X	-	-	
MasterCompressor Threshold Offset				O	X	X	O	X	X	-	X	-	X	X	X	-	-	
MasterCompressor Ratio Offset				O	X	X	O	X	X	-	X	-	X	X	X	-	-	
MasterCompressor Output Offset				O	X	X	O	X	X	-	X	-	X	X	X	-	-	
MasterCompressor On/Off				O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Main > Mixing Console > EQ																		
MasterEQ Type	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	Master EQ	
MasterEQ Parameter	O	O	O	O	X	X	O	X	X	-	X	-	X	X	X	-	Master EQ	
EQ Low Gain																		
EQ Low Gain Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
EQ Low Gain Song Part	O	O	O	O	X	X	X	X	X	-	O	EQ	X	X	X	-	-	
EQ Low Gain Right1	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ Low Gain Right2	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ Low Gain Left	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Style	-	
EQ Low Gain Style (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
EQ Low Gain Song (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
EQ High Gain																		
EQ High Gain Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
EQ High Gain Song Part	O	O	O	O	X	X	X	X	X	-	O	EQ	X	X	X	-	-	
EQ High Gain Right1	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ High Gain Right2	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Voice	-	
EQ High Gain Left	O	O	O	O	X	X	X	X	O	EQ	O	Keyboard Voice	X	O	O	Style	-	
EQ High Gain Style (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
EQ High Gain Song (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Main > Mixing Console > Effect																		
Reverb Type																		
Reverb Type	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	Reverb Type	
Reverb Return Level	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	Reverb Return Level	
Reverb Depth																		
Reverb Depth Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Reverb Depth Song Part	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	X	-	-	
Reverb Depth Mic		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
Reverb Depth Right1	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Reverb Depth Right2	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Reverb Depth Left	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
Reverb Depth Style (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
Reverb Depth Song (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Chorus Type																		
Chorus Type	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	-	
Chorus Return Level	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	Chorus Return Level	
Chorus Depth																		
Chorus Depth Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
Chorus Depth Song Part	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	X	-	-	
Chorus Depth Mic		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic.Setting	
Chorus Depth Right1	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Chorus Depth Right2	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Chorus Depth Left	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
Chorus Depth Style (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Style	-	
Chorus Depth Song (Offset)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
DSP Type																		
DSP1 (Variation) Type	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	-	
DSP1 (Variation) Return Level	O	O	O	O	X	X	X	X	X	-	O	Effect	O	X	O	Style/Song	DSP1 Return Level	
DSP2Type	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP3Type	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP4Type		O	O		X	X	X	X	X	-	O	Effect/Mic	X	X	O	Voice/Style/Song/Mic	Mic.Setting	
DSP4Type	O				X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP4Type				O	X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP5Type				O	X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP6Type				O	X	X	X	X	X	-	O	Effect	X	X	O	Voice/Style/Song	-	
DSP7Type				O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Style/Song/Mic	Mic.Setting	
DSP8Type				O	X	X	X	X	X	-	O	-	X	X	O	Style	-	
DSP9Type				O	X	X	X	X	X	-	O	-	X	X	O	Style	-	
DSP Depth																		
DSP Depth Style Part	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
DSP Depth Song Part	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	X	-	-	
DSP Depth Right1	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Depth Right2	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
DSP Depth Left	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
DSP Depth Mic		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	-	
InsertionType																		
Ins.Type (Right1)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Ins.Type (Right2)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Voice	-	
Ins.Type (Left)	O	O	O	O	X	X	X	X	O	Effect	O	Keyboard Voice	X	O	O	Style	-	
Ins.Type (Song)	O	O	O	O	X	X	X	X	X	-	O	Effect	X	X	X	-	-	
Ins.Type (Mic)		O	O	O	X	X	X	X	X	-	O	Mic.Setting	X	X	O	Mic	Mic Setting	
Effect Parameter (Reverb/Chorus/DSP 1~4)	O				X	X	O	X	X	-	O	Effect	X	X	X	-	-	
Effect Parameter (Reverb/Chorus/DSP 1~3)		O	O		X	X	O	X	X	-	O	Effect	X	X	X	-	-	
Effect Parameter (DSP 4)		O	O		X	X	O	X	X	-	O	Mic.Setting	X	X	X	-	Mic Setting	
Effect Parameter (Reverb/Chorus/DSP 1~6)				O	X	X	O	X	X	-	O	Effect	X	X	X	-	-	
Effect Parameter (DSP 7)				O	X	X	O	X	X	-	O	Mic.Setting	X	X	X	-	-	
Effect Parameter (DSP 8~9)				O	X	X	O	X	X	-	O	Style	X	X	X	-	-	
Main > Channel > Channel OnOffPopup																		
ChannelOnOff (Song)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Song	-	
ChannelOnOff (Style)	O	O	O	O	X	X	X	X	X	-	X	-	O	X	O	Style	-	
MIDI																		
MIDI Template																		
Template No.	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Preset Template Name	O	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-
Menu > Function > MIDI																		
System																		
Local Control	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Clock	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Transmit Clock	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Receive Transpose	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Receive Start/Stop	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
SysEx Transmit	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
SysEx Receive	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Chord SysEx Transmit	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Chord SysEx Receive	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Transmit																		
Part Select	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Ch (for each part)	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Filter (for each part)	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Receive																		
CH Select	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Part Select	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Filter (for each channel)	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Bass (On Bass Note)																		
Bass (On Bass Note)	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
Chord Detect																		
Chord Detect	O	O	O	O	X	O	X	X	X	-	X	-	X	X	X	-	-	
Menu > Function > Master Tune/Scale Tune																		
Master Tune																		
MasterTune	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Scale Tune																		
Scale	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Scale	-	
Tune	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Scale	-	
BaseNote	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Scale	-	
Part Select (Right1/Right2, Left, Style)	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Scale	-	
Menu > Function > Controller																		
Pedal																		
PedalFunction	O	O	O	O	X	X	X	X	O	Pedal	O	Keyboard Voice	X	O	O	Pedal	-	
PedalSettings	O	O	O	O	X	X	X	X	O	Pedal	O	Keyboard Voice	X	O	O	Pedal	-	
PedalPolarity	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Depends On R1 Voice	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Keyboard/Panel																		
Initial Touch	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Initial TouchOffLevel	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Voice	-	
Initial Touch Part OnOff	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Voice	-	
TransposeAssign	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Menu > Function > Regist.Sequence/Freeze/VoiceSet																		
Regist Sequence																		
RegistSequenceData	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	-	-	Memorized as a single Registration Bank file.
RegistSequenceEnable	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Regist (+) Pedal	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Regist (-) Pedal	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
SequenceEnd	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	-	-	Memorized as a single Registration Bank file.
Freeze Group																		
FreezeGroupSetting	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
FreezeOnOff	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
VoiceSet																		
VoiceSet Group Right1 OnOff	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
VoiceSet Group Right2 OnOff	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
VoiceSet Group Left OnOff	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Menu > Function > Utility																		
Configuration1																		
FadeInTime	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
FadeOutTime	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
FadeOutHoldTime	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
MetronomeVolume	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
MetronomeSound	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
TimeSignature	O	O	O	O	X	X	X	X	X	-	O	-	O	X	X	-	-	
ParameterLock	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
TapCountPercussion	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
TapCountVelocity	O	O	O	O	X	X	X	X	X	-	O	Keyboard Voice	X	O	O	Style	-	
Configuration2																		
DisplayVoiceNumber	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Speaker	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
VoiceCategory Button Options	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Display Style Tempo	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
PopUp Display Time	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
ScreenOut																		
Monitor Type			O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	Cannot be reset with Factory Reset.
ScreenContent			O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	Cannot be reset with Factory Reset.
Media																		
SongAutoOpen	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
Format	O	O	O	O														
Property	O	O	O	O														
Owner																		
Language	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	Cannot be reset with Factory Reset.
OwnerName	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	Cannot be reset with Factory Reset.
MainPicture			O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	Cannot be reset with Factory Reset.
SystemReset																		
FactoryResetSetting	O	O			X	X	X	X	X	-	X	-	X	X	X	-	-	Language, Owner Name, and iAFC Calibration Data are not reset.

Parameter	CVP-501	CVP-503	CVP-505	CVP-509	System				Voice Set	Voice Set Group	Song		Style		Registration		Param Lock Group	Note
					Setup	MIDI Setup	User Effect	Music Finder			Song	Song Setup Group	Style Data	OTS	Regist	Freeze Group		
SystemReset																		
FactoryResetSetting			O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	Language, Owner Name, iAFC Calibration Data, Main Picture BackGround, Lyric Picture BackGround, and Video Out related parameters are not reset.
Registration																		
RegistMemory Contents	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
RegistNumber	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
RegistContentsName	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	-	-	
OTS																		
OTSTNumber	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Metronome																		
StartStop	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
Transpose																		
Transpose	O	O	O	O	X	X	X	X	X	-	X	-	X	X	O	Tune/Trans	-	
Direct Access																		
Direct Access	O	O	O	O	X	X	X	X	X	-	X	-	X	X	X	-	-	
PianoReset																		
PianoReset	O	O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	
iAFC																		
iAFC On/Off				O	O	X	X	X	X	-	X	-	X	X	X	-	-	
DYNAMIC DAMPER EFFECT DEPTH				O	O	X	X	X	X	-	X	-	X	X	X	-	-	
SPATIAL ENSEMBLE EFFECT DEPTH				O	O	X	X	X	X	-	X	-	X	X	X	-	-	
USB Audio																		
Audio Volume		O	O	O	O	X	X	X	X	-	X	-	X	X	O	AUDIO	-	
Audio Player Repeat Mode		O	O	O	O	X	X	X	X	-	X	-	X	X	X	-	-	

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Many MIDI messages listed in the MIDI Data Format are expressed in decimal numbers, binary numbers and hexadecimal numbers. Hexadecimal numbers may include the letter "H" as a suffix. Also, "n" can freely be defined as any whole number. To enter data/values, refer to the table below.

Decimal	Hexadecimal	Binary
0	00	0000 0000
1	01	0000 0001
2	02	0000 0010
3	03	0000 0011
4	04	0000 0100
5	05	0000 0101
6	06	0000 0110
7	07	0000 0111
8	08	0000 1000
9	09	0000 1001
10	0A	0000 1010
11	0B	0000 1011
12	0C	0000 1100
13	0D	0000 1101
14	0E	0000 1110
15	0F	0000 1111
16	10	0001 0000
17	11	0001 0001
18	12	0001 0010
19	13	0001 0011
20	14	0001 0100
21	15	0001 0101
22	16	0001 0110
23	17	0001 0111
24	18	0001 1000
25	19	0001 1001
26	1A	0001 1010
27	1B	0001 1011
28	1C	0001 1100
29	1D	0001 1101
30	1E	0001 1110
31	1F	0001 1111

Decimal	Hexadecimal	Binary
32	20	0010 0000
33	21	0010 0001
34	22	0010 0010
35	23	0010 0011
36	24	0010 0100
37	25	0010 0101
38	26	0010 0110
39	27	0010 0111
40	28	0010 1000
41	29	0010 1001
42	2A	0010 1010
43	2B	0010 1011
44	2C	0010 1100
45	2D	0010 1101
46	2E	0010 1110
47	2F	0010 1111
48	30	0011 0000
49	31	0011 0001
50	32	0011 0010
51	33	0011 0011
52	34	0011 0100
53	35	0011 0101
54	36	0011 0110
55	37	0011 0111
56	38	0011 1000
57	39	0011 1001
58	3A	0011 1010
59	3B	0011 1011
60	3C	0011 1100
61	3D	0011 1101
62	3E	0011 1110
63	3F	0011 1111

Decimal	Hexadecimal	Binary
64	40	0100 0000
65	41	0100 0001
66	42	0100 0010
67	43	0100 0011
68	44	0100 0100
69	45	0100 0101
70	46	0100 0110
71	47	0100 0111
72	48	0100 1000
73	49	0100 1001
74	4A	0100 1010
75	4B	0100 1011
76	4C	0100 1100
77	4D	0100 1101
78	4E	0100 1110
79	4F	0100 1111
80	50	0101 0000
81	51	0101 0001
82	52	0101 0010
83	53	0101 0011
84	54	0101 0100
85	55	0101 0101
86	56	0101 0110
87	57	0101 0111
88	58	0101 1000
89	59	0101 1001
90	5A	0101 1010
91	5B	0101 1011
92	5C	0101 1100
93	5D	0101 1101
94	5E	0101 1110
95	5F	0101 1111

Decimal	Hexadecimal	Binary
96	60	0110 0000
97	61	0110 0001
98	62	0110 0010
99	63	0110 0011
100	64	0110 0100
101	65	0110 0101
102	66	0110 0110
103	67	0110 0111
104	68	0110 1000
105	69	0110 1001
106	6A	0110 1010
107	6B	0110 1011
108	6C	0110 1100
109	6D	0110 1101
110	6E	0110 1110
111	6F	0110 1111
112	70	0111 0000
113	71	0111 0001
114	72	0111 0010
115	73	0111 0011
116	74	0111 0100
117	75	0111 0101
118	76	0111 0110
119	77	0111 0111
120	78	0111 1000
121	79	0111 1001
122	7A	0111 1010
123	7B	0111 1011
124	7C	0111 1100
125	7D	0111 1101
126	7E	0111 1110
127	7F	0111 1111

- Except the table above, for example 144-159 (decimal)/9nH/1001 0000-1001 1111 (binary) denotes the Note On Message for each channel (1-16). 176-191/BnH/1011 0000-1011 1111 denotes the Control Change Message for each channel (1-16). 192-207/CnH/ 1100 0000-1100 1111 denotes the Program Change Message for each channel (1-16). 240/F0H/1111 0000 denotes the start of a System Exclusive Message. 247/F7H/1111 0111 denotes the end of a System Exclusive Message.
- aaH (hexadecimal)/0aaaaaaa (binary) denotes the data address. The address contains High, Mid, and Low.
- bbH/0bbbbbbb denotes the byte count.
- ccH/0ccccccc denotes the check sum.
- ddH/0ddddddd denotes the data/value.

MIDI CHANNEL MESSAGE (1)

MIDI Events	[MIDI]																	[Song Creator]		
	Status byte	1st Data byte		2nd Data byte		Voice		MIDI Reception					MIDI Transmission				PLAY		REC	
	Status	Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)	
Key Off [GM1] [GM2]	8nH (n: Channel Number)	kk	Key no. (0-127)	vv	Velocity (0-127)	0	0 (Harmony Channel/ Melody Channel)	0	0	0	0	0	X	0	0	X	0	X	X	
Key On [GM1] [GM2]	9nH (n: Channel Number)	kk	Key no. (0-127)	vv	Key On: vv=1-127 Key Off: vv=0	0	0 (Harmony Channel/ Melody Channel)	0	0	0	0	0	●	0	0	●	0	X	0	
Control Change	BnH	0 (00H)	Bank Select MSB [GM2]	0 00H 8 08H 8 08H 8 08H 64 40H 104 68H 120 78H 121 79H 126 7EH 127 7FH	Normal Mega Voice SA Voice SA2 Voice SFX Voice Normal GM2 Rhythm GM2 Normal SFX Kit Drum Kit	0	X	0	0	0	0	0	●	●	●	X	0	0	0	
		1 (01H)	Modulation [GM1] [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0	0	0	●	0	0	●	0	0	0	
		5 (05H)	Portamento Time [GM2]	0-127 (00H...7FH)	Data	0 (Except Organ Flutes)	X	0	0	0	X	0	●	X	0	X	0	0	0	
		6 (06H)	Data Entry MSB [GM2]	0-127 (00H...7FH)	Data	0	0 (Harmony Channel/ Melody Channel)	0	0	0	0	0	●	0	0	X	0	X	0	
		7 (07H)	Main Volume [GM1] [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0	0	0	●	●	●	X	0	0	0	
		10 (0AH)	Panpot [GM1] [GM2]	0-127 (00H...7FH)	L64...C...R63	0	0 (A/D Part Receive Channel)	0	0	0	0	0	●	●	●	X	0	0	0	
		11 (0BH)	Expression [GM1] [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0	0	0	●	●	●	●	0	0	0	
		32 (20H)	Bank Select LSB [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0	0	0	●	●	●	X	0	0	0	
		38 (26H)	Data Entry LSB [GM2]	0-127 (00H...7FH)	Data	0	X	0	0	0	X	0	●	X	0	X	0	X	0	
		64 (40H)	Sustain (Damper) [GM1] [GM2]	0-127 (00H...7FH)	Data	0	0 (Harmony Channel/ Melody Channel)	0	0	0	X	0	●	X	0	●	0	0	0	
		65 (41H)	Portamento [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0 (Except Natural Piano, Organ Flutes)	X	0	0	0	X	0	●	X	0	●	0	0	0	
		66 (42H)	Sostenuto [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	X	0	0	0	X	0	●	X	0	●	0	0	0	
		67 (43H)	Soft Pedal [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	0	X	0	0	0	X	0	●	X	0	●	0	0	0	
		71 (47H)	Harmonic Content [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	●	●	●	X	0	0	0	
		72 (48H)	Release Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	●	0	0	X	0	0	0	
		73 (49H)	Attack Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	●	0	0	X	0	0	0	
		74 (4AH)	Brightness [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	●	●	●	X	0	0	0	
		75 (4BH)	Decay Time [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	X	X	0	X	0	0	X	
		76 (4CH)	Vibrato Rate [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	X	X	0	X	0	0	X	
		77 (4DH)	Vibrato Depth [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	X	X	0	X	0	0	X	
		78 (4EH)	Vibrato Delay [GM2]	0-127 (00H...7FH)	-64...0...+63	0	X	0	0	0	0	0	X	X	0	X	0	0	X	
		80 (50H)	General Purpose Controller (Articulation 1)	0-127 (00H...7FH)	0: OFF 127: ON	0 (SA/SA2 Voice only)	X	0	X	X	X	0	●	X	0	X	0	0	0	
		81 (51H)	General Purpose Controller (Articulation 2)	0-127 (00H...7FH)	0: OFF 127: ON	0 (SA2 Voice only)	X	0	X	X	X	0	●	X	0	X	0	0	0	
		84 (54H)	Portamento Control	0-127 (00H...7FH)	Key no. (0-127)	0	X	0	0	0	0	0	0	●	0	X	0	X	0	
		91 (5BH)	Effect1 Depth (Reverb Send Level) [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0	0	0	●	●	●	X	0	0	0	
		93 (5DH)	Effect3 Depth (Chorus Send Level) [GM2]	0-127 (00H...7FH)	Data	0	0 (A/D Part Receive Channel)	0	0	0	0	0	●	●	●	X	0	0	0	
		94 (5EH)	Effect4 Depth (Variation Send Level)	0-127 (00H...7FH)	Data	0	X	0	0	0	0	0	0	●	●	X	0	0	X	
		96 (60H)	RPN Increment	-	-	The data byte is ignored.	0	0 (Harmony Channel/ Melody Channel)	0	0	0	0	X	X	0	X	0	X	X	

● Transmitted via panel operations and keyboard/controller performances.

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

MIDI Events	Status byte	[MIDI]																[Song Creator]				
		1st Data byte		2nd Data byte		Voice		MIDI Reception				MIDI Transmission				PLAY	REW	REC				
		Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	Style	Song	Upper Lower			From panel (Right1/Right2/Left)			
		97 (61H)	RPN Decrement	-	-	The data byte is ignored.	O	O	(Harmony Channel/Melody Channel)	O	O	X	O	O	X	X	O	X	O	X	X	
		98 (62H)	NRPN LSB	0-127 (00H...7FH)	Data	O	O	(Harmony Channel/Melody Channel)	O	O	X	O	O	●	O	O	X	O	O	O	O	
		99 (63H)	NRPN MSB	0-127 (00H...7FH)	Data	O	O	(Harmony Channel/Melody Channel)	O	O	X	O	O	●	O	O	X	O	O	O	O	
		100 (64H)	RPN LSB [GM2]	0-127 (00H...7FH)	Data	O	O	(Harmony Channel/Melody Channel)	O	O	O	(All Keyboard parts)	O	O	●	O	O	X	O	O	O	
		101 (65H)	RPN MSB [GM2]	0-127 (00H...7FH)	Data	O	O	(Harmony Channel/Melody Channel)	O	O	O	(All Keyboard parts)	O	O	●	O	O	X	O	O	O	
Mode Message	BnH (n: Channel Number)	120 (78H)	All Sound Off [GM2]	0 (00H)	Data	O	X	O	O	O	O	(All Keyboard parts)	O	O	X	X	O	X	O	X	X	
		121 (79H)	Reset All Controllers [GM1] [GM2]	0 (00H)	Data	O	X	O	X	O	X	X	X	X	O	X	O	X	O	X	X	
		122 (7AH)	Local Control	0 127 (00H) (7FH)	OFF ON	-	-	O	O	O	O	O	O	O	X	X	X	X	X	X	X	X
		123 (7BH)	All Note Off [GM1] [GM2]	0 (00H)	Data	O	O	(Harmony Channel/Melody Channel)	O	O	O	O	(All Keyboard parts)	O	O	X	X	O	X	O	X	X
		124 (7CH)	Omn Off [GM2]	0 (00H)	Data	O	X	O	*1	X	X	X	X	X	X	X	O	X	O	X	O	X
		125 (7DH)	Omn On [GM2]	0 (00H)	Data	O	X	O	*2	X	X	X	X	X	X	O	X	O	X	O	X	X
		126 (7EH)	Mono [GM2]	0-16 (00H...10H)	Data	O	X	O	X	X	X	X	X	X	X	O	X	O	X	O	X	X
		127 (7FH)	Poly [GM2]	0 (00H)	Data	O	X	O	X	X	X	X	X	X	X	O	X	O	X	O	X	X
Program Change [GM1] [GM2]	CnH (n: Channel Number)	pp (00H...7FH)	Voice Number (0-127)	-	-	-	O	X	O	O	O	(Right1)	O	O	●	●	●	X	O	O	O	
Channel After Touch [GM1] [GM2]	DnH (n: Channel Number)	vv (00H...7FH)	Data	-	-	-	O	X	O	O	O	(All Keyboard parts)	X	O	X	O	X	O	X	O		
Polyphonic After Touch	AnH (n: Channel Number)	kk (00H...7FH)	Key no. (0-127)	vv (00H...7FH)	Data	O	X	O	X	X	X	X	X	O	X	O	X	O	X	X		
Pitch Bend Change [GM1] [GM2]	EnH (n: Channel Number)	cc (00H...7FH)	LSB	dd (00H...7FH)	MSB	O	O	(Harmony Channel/Melody Channel)	O	O	O	(All Keyboard parts)	O	O	●	O	O	●	O	O	O	
Realtime Message	F8H MIDI Clock	-	-	-	-	-	-	-	-	O (Received when the Clock is set to MIDI, USB1, or USB2.)				O (Transmitted when the Clock is set to Internal and the Transmit Clock is set to on.)				-	-	-		
	FAH Start	-	-	-	-	-	-	-	-	O (Received when the Clock is set to MIDI, USB1, or USB2.)				O (Transmitted when the Transmit Clock is set to on.)				-	-	-		
	FBH Continue	-	-	-	-	-	-	-	-	X				X				-	-	-		
	FCH Stop	-	-	-	-	-	-	-	-	O (Received when the Clock is set to MIDI, USB1, or USB2.)				O (Transmitted when the Transmit Clock is set to on.)				-	-	-		
	FEH Active Sense [GM2]	-	-	-	-	-	-	-	-	O				O				-	-	-		
	FFH System Reset	-	-	-	-	-	-	-	-	X				X				-	-	-		

● Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:
 (Harmony Channel/Melody Channel): The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.
 (A/D Part Receive Channel): The relevant parameters are received by the song part designated by the XG's AD Part Receive Ch.

*1: Same operation as when receiving All Note Off.
 *2: Same operation as when receiving All Note Off. OMNI ON is not enabled.

Mic./Vocal Harmony

CVP-501	X
CVP-503	O
CVP-505	O
CVP-509	O

SA (Super Articulation)

CVP-501	X
CVP-503	X
CVP-505	O
CVP-509	O

SA2 (Super Articulation 2)

CVP-501	X
CVP-503	X
CVP-505	X
CVP-509	O

[GM1] ... GM Required Parameter
 [GM2] ... GM Level 2 Required Parameter

MIDI CHANNEL MESSAGE (2)

NRPN				[MIDI]										[Song Creator]					
NRPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception					MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB			Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
01H	08H	mmH	--	Vibrato Rate	mm: 00H-40H-7FH (-64...0...+63)	○	○ (Harmony Channel/Melody Channel)	○	○	X	○	○	●	○	○	X	○	○	○
01H	09H	mmH	--	Vibrato Depth	mm: 00H-40H-7FH (-64...0...+63)	○	○ (Harmony Channel/Melody Channel)	○	○	X	○	○	●	○	○	X	○	○	○
01H	0AH	mmH	--	Vibrato Delay	mm: 00H-40H-7FH (-64...0...+63)	○	○ (Harmony Channel/Melody Channel)	○	○	X	○	○	●	○	○	X	○	○	○
01H	20H	mmH	--	Low Pass Filter Cutoff Frequency	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
01H	21H	mmH	--	Low Pass Filter Resonance	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
01H	30H	mmH	--	EQ Bass Gain	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
01H	31H	mmH	--	EQ Treble Gain	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
01H	34H	mmH	--	EQ Bass Frequency	mm: 04H-28H (32...2.0k[Hz])	○	X	○	X	X	X	X	○	X	○	X	○	X	
01H	35H	mmH	--	EQ Treble Frequency	mm: 1CH-3AH (500...16.0k[Hz])	○	X	○	X	X	X	X	○	X	○	X	○	X	
01H	63H	mmH	--	EG Attack Time	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
01H	64H	mmH	--	EG Decay Time	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	○	X	○	○	●	○	○	X	○	○	
01H	66H	mmH	--	EG Release	mm: 00H-40H-7FH (-64...0...+63)	○	X	○	X	X	○	X	X	○	X	○	○	X	
14H	rrH	mmH	--	Drum Low Pass Filter Cutoff Frequency	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
15H	rrH	mmH	--	Drum Low Pass Filter Resonance	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
16H	rrH	mmH	--	Drum EG Attack Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
17H	rrH	mmH	--	Drum EG Decay Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
18H	rrH	mmH	--	Drum Pitch Coarse	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
19H	rrH	mmH	--	Drum Pitch Fine	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
1AH	rrH	mmH	--	Drum Level	rr: drum instrument note number mm: 00H-7FH (0...127)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
1CH	rrH	mmH	--	Drum Pan	rr: drum instrument note number mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
1DH	rrH	mmH	--	Drum Reverb Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
1EH	rrH	mmH	--	Drum Chorus Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
1FH	rrH	mmH	--	Drum Variation Send Level	rr: drum instrument note number mm: 00H-7FH (0...127) (Variation Connection=SYSTEM) mm: 00H, 01H-7FH (OFF, ON) (Variation Connection=INSERTION)	○ (Drum only)	X	○	X	X	X	X	○	○	X	○	X	X	
30H	rrH	mmH	--	Drum EQ Bass Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	
31H	rrH	mmH	--	Drum EQ Treble Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	
34H	rrH	mmH	--	Drum EQ Bass Frequency	rr: drum instrument note number mm: 04H-28H (32...2.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	
35H	rrH	mmH	--	Drum EQ Treble Frequency	rr: drum instrument note number mm: 1CH-3AH (500...16.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	

● Transmitted via panel operations and keyboard/controller performances.

NRPN MSB: 14H-1FH (for drums) message is accepted as long as the channel is set with a drum voice.
Data Entry LSB: Ignored.

NRPN (Vocal Harmony)				[MIDI]										[Song Creator]					
NRPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception					MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB			Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/ Left)
00H	00H	mmH	--	Harmony Mute	mm: 00H-3FH, 40H-7FH (Off, On)	X	○ (Harmony Channel)	X	X	X	X	X	X	○	X	○	X	X	
01H	1AH	mmH	--	Detune Modulation	mm: 00H-7FH (0...127)	X	○ (Harmony Channel)	X	X	X	X	X	○	X	○	X	○	X	
02H	10H	mmH	--	Harmony1 Volume	mm: 00H-7FH (0...127)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	11H	mmH	--	Harmony2 Volume	mm: 00H-7FH (0...127)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	12H	mmH	--	Harmony3 Volume	mm: 00H-7FH (0...127)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	20H	mmH	--	Harmony1 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	21H	mmH	--	Harmony2 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	22H	mmH	--	Harmony3 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	30H	mmH	--	Harmony1 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	31H	mmH	--	Harmony2 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		
02H	32H	mmH	--	Harmony3 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	○ (Harmony Channel)	X	X	X	X	X	●	X	○	X	X		

● Transmitted via panel operations and keyboard/controller performances.

Message is sent to the Song Channel part set in Mic Setting → Vocoder Control → Song Channel.

Data Entry LSB: Ignored.

RPN				[MIDI]										[Song Creator]				
RPN		Data Entry		Parameter	Data Range	Voice		MIDI Reception				MIDI Transmission				PLAY		REC
MSB	LSB	MSB	LSB			Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW
00H	00H	mmH	--	Pitch Bend Sensitivity [GM1] [GM2]	mm: 00H-18H (0...+24[semitones])	O	O	O	O	O	O	●	O	O	X	O	O	O
00H	01H	mmH	III	Fine Tune [GM1] [GM2]	mm II: 00H 00H -100[cent] ... mm II: 40H 00H 0[cent] ... mm II: 7FH 7FH 100[cent]	O	X	O	O	O	O	●	O	O	X	O	O	O
00H	02H	mmH	--	Coarse Tune [GM1] [GM2]	mm: 28H-40H-58H (-24...0...+24[semitones])	O	X	O	O	O	O	X	O	O	X	O	O	X
00H	05H	mmH	III	Modulation Sensitivity [GM2]	mm: Specified in semitone steps II: Specified in 100/128 cent.steps	O	X	O	X	O	X	X	X	O	X	X	X	X
7FH	7FH	--	--	Null [GM2]	-	O	O	O	O	O	O	X	O	O	X	O	X	X

● Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:
The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.

Mic./Vocal Harmony

CVP-501	X
CVP-503	O
CVP-505	O
CVP-509	O

[GM1] ... GM Required Parameter
[GM2] ... GM Level2 Required Parameter

XG PARAMETER CHANGE TABLE

* Not received when Receive System Exclusive Message Parameters is set to off.
* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

MIDI Parameter Change table (XG SYSTEM)

Address (H)				Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
									Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)	
00	00	00 01 02 03	4	00-0F 00-0F 00-0F	MASTER TUNE	-102.4...0...+102.3[cent] 1st bit3-0 -> bit15-12 2nd bit3-0 -> bit11-8 3rd bit3-0 -> bit7-4 4th bit3-0 -> bit3-0	*Panel setting value	O	O	O	O	O	O	O	O	●	O	O	O	O	X	X	X
		04	1	00-7F	MASTER VOLUME	0...127	7F	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	X
		05	1	00-7F	MASTER ATTENUATOR	0...127	00	X	X	O	O	O	X	O	O	O	X	O	O	O	X	X	X
		06	1	28-58	TRANPOSE	-24...0...+24[semitones]	40	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	X
		7D	1	N	DRUM SETUP RESET	N: Drum setup number	-	O	X	O	O	O	O	O	O	O	O	O	O	O	O	X	X
		7E	1	00	XG SYSTEM ON	00=XG system ON	-	O	X	O	O	O	O	O	O	O	O	O	O	O	O	X	O
		7F	1	00	ALL PARAMETER RESET	00=ON	-	O	X	O	O	O	O	O	O	O	O	O	O	O	O	X	X

TOTAL SIZE 07

● Transmitted via panel operations

MIDI Parameter Change table (SYSTEM INFORMATION)

Address (H)				Size (H)	Data (H)	Parameter	Description	Voice		MIDI Reception				MIDI Transmission				PLAY		REC			
								Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)		
01	00	00 0D 0E 0F	E	20-7F ... 20-7F	Model Name 1 ... Model Name 14 NOT USED NOT USED	32...127 (ASCII CHARACTER) ... 32...127 (ASCII CHARACTER)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 10

Transmitted in response to Dump Request. Not received.

MIDI Parameter Change table (EFFECT1)

Address (H)				Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
									Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)	
02	01	00	2	00-7F 00-7F	REVERB TYPE MSB REVERB TYPE LSB	Refer to Effect Parameter List	01 (=HALL1) 00	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		02	1	00-7F	REVERB PARAMETER 1		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		03	1	00-7F	REVERB PARAMETER 2		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		04	1	00-7F	REVERB PARAMETER 3		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		05	1	00-7F	REVERB PARAMETER 4		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		06	1	00-7F	REVERB PARAMETER 5		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		07	1	00-7F	REVERB PARAMETER 6		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		08	1	00-7F	REVERB PARAMETER 7		Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O
		09	1	00-7F	REVERB PARAMETER 8	Refer to Effect Parameter List	Depends on Reverb Type	O	O	O	O	O	O	O	O	●	O	O	O	O	O	O	O

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

											[MIDI]								[Song Creator]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice			MIDI Reception				MIDI Transmission				PLAY		REC				
						Regular/Drum/Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)				
		0A	1	00-7F	REVERB PARAMETER 9	Depends on Reverb Type	0	0							●		0	0	0				
		0B	1	00-7F	REVERB PARAMETER 10	Depends on Reverb Type	0	0							●		0	0	0				
		0C	1	00-7F	REVERB RETURN	--dB...0dB...+6dB (0...64...127)	40	0	0						●		0	0	0				
		0D	1	01-7F	REVERB PAN	L63...C...R63	40	0	0						0		0	0	X				
TOTAL SIZE											0E												

02	01	10	1	00-7F	REVERB PARAMETER 11	Refer to Effect Parameter List	Depends on Reverb Type	0	0							●	0	0	0
		11	1	00-7F	REVERB PARAMETER 12		Depends on Reverb Type	0	0							●	0	0	0
		12	1	00-7F	REVERB PARAMETER 13		Depends on Reverb Type	0	0							●	0	0	0
		13	1	00-7F	REVERB PARAMETER 14		Depends on Reverb Type	0	0							●	0	0	0
		14	1	00-7F	REVERB PARAMETER 15		Depends on Reverb Type	0	0							●	0	0	0
		15	1	00-7F	REVERB PARAMETER 16		Depends on Reverb Type	0	0							●	0	0	0

TOTAL SIZE 06
 ● Transmitted via panel operations

											[MIDI]								[Song Creator]		
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice			MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/Drum/Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
02	01	20	2	00-7F 00-7F	CHORUS TYPE MSB CHORUS TYPE LSB	Refer to Effect Parameter List	41 (=CHORUS1) 00	0	0							●	0	0	0		
		22	1	00-7F	CHORUS PARAMETER 1		Depends on Chorus Type	0	0							●	0	0	0		
		23	1	00-7F	CHORUS PARAMETER 2		Depends on Chorus Type	0	0							●	0	0	0		
		24	1	00-7F	CHORUS PARAMETER 3		Depends on Chorus Type	0	0							●	0	0	0		
		25	1	00-7F	CHORUS PARAMETER 4		Depends on Chorus Type	0	0							●	0	0	0		
		26	1	00-7F	CHORUS PARAMETER 5		Depends on Chorus Type	0	0							●	0	0	0		
		27	1	00-7F	CHORUS PARAMETER 6		Depends on Chorus Type	0	0							●	0	0	0		
		28	1	00-7F	CHORUS PARAMETER 7		Depends on Chorus Type	0	0							●	0	0	0		
		29	1	00-7F	CHORUS PARAMETER 8		Depends on Chorus Type	0	0							●	0	0	0		
		2A	1	00-7F	CHORUS PARAMETER 9		Depends on Chorus Type	0	0							●	0	0	0		
		2B	1	00-7F	CHORUS PARAMETER 10		Depends on Chorus Type	0	0							●	0	0	0		
		2C	1	00-7F	CHORUS RETURN	--dB...0dB...+6dB (0...64...127)	40	0	0							●	0	0	0		
		2D	1	01-7F	CHORUS PAN	L63...C...R63	40	0	0							0	0	0	X		
		2E	1	00-7F	SEND CHORUS TO REVERB	--dB...0dB...+6dB (0...64...127)	00	0	0							0	0	0	X		

TOTAL SIZE 0F

02	01	30	1	00-7F	CHORUS PARAMETER 11	Refer to Effect Parameter List	Depends on Chorus Type	0	0							●	0	0	0
		31	1	00-7F	CHORUS PARAMETER 12		Depends on Chorus Type	0	0							●	0	0	0
		32	1	00-7F	CHORUS PARAMETER 13		Depends on Chorus Type	0	0							●	0	0	0
		33	1	00-7F	CHORUS PARAMETER 14		Depends on Chorus Type	0	0							●	0	0	0
		34	1	00-7F	CHORUS PARAMETER 15		Depends on Chorus Type	0	0							●	0	0	0
		35	1	00-7F	CHORUS PARAMETER 16		Depends on Chorus Type	0	0							●	0	0	0

TOTAL SIZE 06

											[MIDI]								[Song Creator]		
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice			MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/Drum/Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
02	01	40	2	00-7F 00-7F	VARIATION TYPE MSB VARIATION TYPE LSB	Refer to Effect Parameter List	05 (=DELAY L, C, R) 00	0	0								●	0	0	0	
		42	2	00-7F 00-7F	VARIATION PARAMETER 1 MSB VARIATION PARAMETER 1 LSB		Depends on Variation Type	0	0								●	0	0	0	
		44	2	00-7F 00-7F	VARIATION PARAMETER 2 MSB VARIATION PARAMETER 2 LSB		Depends on Variation Type	0	0								●	0	0	0	
		46	2	00-7F 00-7F	VARIATION PARAMETER 3 MSB VARIATION PARAMETER 3 LSB		Depends on Variation Type	0	0								●	0	0	0	
		48	2	00-7F 00-7F	VARIATION PARAMETER 4 MSB VARIATION PARAMETER 4 LSB		Depends on Variation Type	0	0								●	0	0	0	
		4A	2	00-7F 00-7F	VARIATION PARAMETER 5 MSB VARIATION PARAMETER 5 LSB		Depends on Variation Type	0	0								●	0	0	0	
		4C	2	00-7F 00-7F	VARIATION PARAMETER 6 MSB VARIATION PARAMETER 6 LSB		Depends on Variation Type	0	0								●	0	0	0	
		4E	2	00-7F 00-7F	VARIATION PARAMETER 7 MSB VARIATION PARAMETER 7 LSB		Depends on Variation Type	0	0								●	0	0	0	
		50	2	00-7F 00-7F	VARIATION PARAMETER 8 MSB VARIATION PARAMETER 8 LSB		Depends on Variation Type	0	0								●	0	0	0	
		52	2	00-7F 00-7F	VARIATION PARAMETER 9 MSB VARIATION PARAMETER 9 LSB		Depends on Variation Type	0	0								●	0	0	0	
		54	2	00-7F 00-7F	VARIATION PARAMETER 10 MSB VARIATION PARAMETER 10 LSB		Depends on Variation Type	0	0								●	0	0	0	
		56	1	00-7F	VARIATION RETURN	--dB...0dB...+6dB (0...64...127)	40	0	0								●	0	0	0	
		57	1	01-7F	VARIATION PAN	L63...C...R63	40	0	0								0	0	0	X	
		58	1	00-7F	SEND VARIATION TO REVERB	--dB...0dB...+6dB (0...64...127)	00	0	0								0	0	0	X	
		59	1	00-7F	SEND VARIATION TO CHORUS	--dB...0dB...+6dB (0...64...127)	00	0	0								0	0	0	X	
		5A	1	00-01	VARIATION CONNECTION	INSERTION, SYSTEM	00	0	0								●	0	0	0	

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI]								[Song Creator]						
					Voice		MIDI Reception				MIDI Transmission		PLAY		REC				
					Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)	
	30	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 1 MSB INSERTION EFFECT PARAMETER 1 LSB	Refer to Effect Parameter List														
	32	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 2 MSB INSERTION EFFECT PARAMETER 2 LSB															
	34	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 3 MSB INSERTION EFFECT PARAMETER 3 LSB															
	36	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 4 MSB INSERTION EFFECT PARAMETER 4 LSB															
	38	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 5 MSB INSERTION EFFECT PARAMETER 5 LSB															
	3A	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 6 MSB INSERTION EFFECT PARAMETER 6 LSB															
	3C	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 7 MSB INSERTION EFFECT PARAMETER 7 LSB															
	3E	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 8 MSB INSERTION EFFECT PARAMETER 8 LSB															
	40	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 9 MSB INSERTION EFFECT PARAMETER 9 LSB															
	42	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 10 MSB INSERTION EFFECT PARAMETER 10 LSB															

TOTAL SIZE 14

● Transmitted via panel operations

The second byte of the address is considered as an Insertion effect number n: insertion effect number

CVP-501	n = 0-2
CVP-503	n = 0-2
CVP-505	n = 0-2
CVP-509	n = 0-5

For effect types that do not require MSB, the Parameters for Address 02-0B will be received and the Parameters for Address 30-42 will not be received.
For effect types that require MSB, the Parameters for Address 30-42 will be received and the Parameters for Address 02-0B will not be received.

When bulk dumps that include Effect Type data are transmitted, the parameters for addresses 02-0B will always be transmitted.

For effects that require MSB however, when a bulk dump is received, the parameters for addresses 02-0B will not be received.

MIDI Parameter Change table (SPECIAL EFFECT)

CVP-501	X
CVP-503	O
CVP-505	O
CVP-509	O

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI]								[Sound Creator]						
					Voice		MIDI Reception				MIDI Transmission		PLAY		REC				
					Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)	
04	00	00	2	00-7F 00-7F	INSERTION EFFECT TYPE MSB INSERTION EFFECT TYPE LSB	Vocoder (89), Chordal (90), Detune (91), Chromatic (92), Thru (0...88, 93...127)	*The SPECIAL EFFECT Parameter cannot be reset to its factory setting with XG SYSTEM ON	X	O										X
	02	1	00-7F	INSERTION EFFECT PARAMETER 1 Harmony Mode			X	O											X
	03	1	00-7F	INSERTION EFFECT PARAMETER 2 Harmony Gender Type	Off (0), Auto (1)		X	O											X
	04	1	00-7F	INSERTION EFFECT PARAMETER 3 Lead Gender Type	Off (0), Unison (1), Male (2), Female (3)		X	O											X
	05	1	00-7F	INSERTION EFFECT PARAMETER 4 Lead Gender Depth	-64...0...+63 (0...127)		X	O											X
	06	1	00-7F	INSERTION EFFECT PARAMETER 5 Lead Pitch Correction	Free (0), Correct (1)		X	O											X
	07	1	00-7F	INSERTION EFFECT PARAMETER 6 Auto Upper Gender Threshold	0...12 (0...12)		X	O											X
	08	1	00-7F	INSERTION EFFECT PARAMETER 7 Auto Lower Gender Threshold	0...12 (0...12)		X	O											X
	09	1	00-7F	INSERTION EFFECT PARAMETER 8 Upper Gender Depth	-64...0...+63 (0...127)		X	O											X
	0A	1	00-7F	INSERTION EFFECT PARAMETER 9 Lower Gender Depth	-64...0...+63 (0...127)		X	O											X
	0B	1	00-7F	INSERTION EFFECT PARAMETER 10	L63>H...L=H...L<H63 (1...64...127)		X	O											X
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	AD (64), OFF (0...63, 65...127)		X	O											O
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63		X	X		X			X			X	X	X	X
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63		X	X		X			X			X	X	X	X
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63		X	X		X			X			X	X	X	X
	10	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63		X	X		X			X			X	X	X	X
	11	1	00-7F	AC2 INSERTION CONTROL DEPTH	-64...0...+63		X	X		X			X			X	X	X	X

TOTAL SIZE 12

	14	1	00-7F	UNIQUE INSERTION EFFECT EXTERNAL CONTROL CH1 (HARMONY CHANNEL)	1...16 (0...15), OFF (127)		X	O											X
	15	1	00-7F	UNIQUE INSERTION EFFECT EXTERNAL CONTROL CH1 (MELODY CHANNEL)	1...16 (0...15), OFF (127)		X	O											X

TOTAL SIZE 2

	20	1	00-7F	INSERTION EFFECT PARAMETER 11 Vibrato Depth	0...100cent (0...127)		X	O											X
	21	1	00-7F	INSERTION EFFECT PARAMETER 12 Vibrato Rate	0Hz (0), 0.1...12.7Hz (1...127)		X	O											X
	22	1	00-7F	INSERTION EFFECT PARAMETER 13 Vibrato Delay	0...2.54sec (0...127)		X	O											X
	23	1	00-7F	INSERTION EFFECT PARAMETER 14			X	X		X			X			X	X	X	X
	24	1	00-7F	INSERTION EFFECT PARAMETER 15			X	X		X			X			X	X	X	X
	25	1	00-7F	INSERTION EFFECT PARAMETER 16			X	X		X			X			X	X	X	X

TOTAL SIZE 6

● Transmitted via panel operations

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]										[Song Creator]				
						Voice			MIDI Reception				MIDI Transmission			PLAY		REC		
						Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)	
	58	1	00-7F	PAT LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	59	1	00-5F	AC1 CONTROLLER NUMBER	0...95	10	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5A	1	28-58	AC1 PITCH CONTROL	-24...0...+24[semitones]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5B	1	00-7F	AC1 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5C	1	00-7F	AC1 AMPLITUDE CONTROL	-100...0...+100[%]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5D	1	00-7F	AC1 LFO PMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5E	1	00-7F	AC1 LFO FMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	5F	1	00-7F	AC1 LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	60	1	00-5F	AC2 CONTROLLER NUMBER	0...95	11	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	61	1	28-58	AC2 PITCH CONTROL	-24...0...+24[semitones]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	62	1	00-7F	AC2 LOW PASS FILTER CONTROL	-9600...0...+9450[cent]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	63	1	00-7F	AC2 AMPLITUDE CONTROL	-100...0...+100[%]	40	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	64	1	00-7F	AC2 LFO PMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	65	1	00-7F	AC2 LFO FMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	66	1	00-7F	AC2 LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	O	X	O	X	X
	67	1	00-01	PORTAMENTO SWITCH	OFF, ON	00	(Except Natural Piano, Organ Flutes)	X	O	O	X	X	O	X	X	O	X	O	O	X
	68	1	00-7F	PORTAMENTO TIME	0...127	00	O	X	O	O	X	X	O	X	X	O	X	O	O	X
	69	1	00-7F	PITCH EG INITIAL LEVEL	-64...0...+63	40	O	X	O	O	X	X	O	X	X	O	X	O	X	X
	6A	1	00-7F	PITCH EG ATTACK TIME	-64...0...+63	40	O	X	O	O	X	X	O	X	X	O	X	O	X	X
	6B	1	00-7F	PITCH EG RELEASE LEVEL	-64...0...+63	40	O	X	O	O	X	X	O	X	X	O	X	O	X	X
	6C	1	00-7F	PITCH EG RELEASE TIME	-64...0...+63	40	O	X	O	O	X	X	O	X	X	O	X	O	X	X
	6D	1	01-7F	VELOCITY LIMIT LOW	1...127	01	O	X	O	O	X	X	O	X	X	O	X	O	X	X
	6E	1	01-7F	VELOCITY LIMIT HIGH	1...127	7F	O	X	O	O	X	X	O	X	X	O	X	O	X	X

TOTAL SIZE 3F

	70	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	71	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	72	1	00-7F	EQ BASS GAIN	-12dB...+12dB	40	O	X	O	O	X	O	O	●	●	●	X	O	O	O
	73	1	00-7F	EQ TREBLE GAIN	-12dB...+12dB	40	O	X	O	O	X	O	O	●	●	●	X	O	O	O

TOTAL SIZE 04

	74	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	75	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	76	1	04-28	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	O	X	O	O	X	X	O	●	●	O	X	O	O	O
	77	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	O	X	O	O	X	X	O	●	●	O	X	O	O	O
	78	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	79	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7A	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7B	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7C	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7D	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7E	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7F	1		NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 0C

● Transmitted via panel operations

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]										[Song Creator]					
						Voice			MIDI Reception				MIDI Transmission			PLAY		REC			
						Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/ Right2/Left)		
0A	nn	40	1	00-7F	MW OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	O	X	X	O	●	X	O	X	O	O	O
		41	1	00-7F	BEND OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	X	X	X	X	X	X	O	X	O	O	X
		42	1	00-7F	CAT OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	O	X	X	O	X	X	O	X	O	O	X
		43	1	00-7F	PAT OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	X	X	X	X	X	X	O	X	O	O	X
		44	1	00-7F	AC1 OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	X	X	X	X	X	X	O	X	O	O	X
		45	1	00-7F	AC2 OFFSET LEVEL CONTROL	-100 – 100[%]	40	O	-	O	X	X	X	X	X	X	O	X	O	O	X

TOTAL SIZE 06

● Transmitted via panel operations

nn = PART NUMBER

If there is a Drum Voice assigned to the part, the following parameters are ineffective.

- BANK SELECT LSB
- PORTAMENTO
- MONO/POLY
- SCALE TUNING
- POLY AFTER TOUCH
- PITCH EG

MIDI Parameter Change table (A/D PART)

CVP-501	X
CVP-503	O
CVP-505	O
CVP-509	O

Address (H)	Size (H)	Data (H)	Parameter	Description		[MIDI]								[Song Creator]				
						Voice		MIDI Reception				MIDI Transmission		PLAY		REC		
						Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW
10	On	00	1	00-01	INPUT GAIN	MIC, LINE		X	X			X				X	X	X
		01	1	00-7F	BANK SELECT MSB	0...127		X	X			X				X	X	X
		02	1	00-7F	BANK SELECT LSB	0...127		X	X			X				X	X	X
		03	1	00-7F	PROGRAM NUMBER	1...128		X	X			X				X	X	X
		04	1	00-0F, 7F	Rcv CHANNEL	1...16, OFF		X	O			O				O	X	X
		05	1		NOT USED			-	-			-				-	-	-
		06	1		NOT USED			-	-			-				-	-	-
		07	1		NOT USED			-	-			-				-	-	-
		08	1		NOT USED			-	-			-				-	-	-
		09	1		NOT USED			-	-			-				-	-	-
		0A	1		NOT USED			-	-			-				-	-	-
		0B	1	00-7F	VOLUME	0...127		X	O			O			O	X	X	X
		0C	1		NOT USED			-	-			-				-	-	-
		0D	1		NOT USED			-	-			-				-	-	-
		0E	1	01-7F	PAN	L63...C...R63		X	O			O			O	X	X	X
		0F	1		NOT USED			-	-			-				-	-	-
		10	1		NOT USED			-	-			-				-	-	-
		11	1	00-7F	DRY LEVEL	0...127		X	O			O			O	X	X	X
		12	1	00-7F	CHORUS SEND	0...127		X	O			O			O	X	X	X
		13	1	00-7F	REVERB SEND	0...127		X	O			O			O	X	X	X
		14	1	00-7F	VARIATION SEND	0...127		X	O			O			O	X	X	X

TOTAL SIZE 15
n: A/D Part Number (0)

MIDI Parameter Change table (DRUM SETUP)

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]								[Song Creator]				
						Voice		MIDI Reception				MIDI Transmission		PLAY		REC		
						Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW
3n	rr	00	1	00-7F	PITCH COARSE	-64...0...+63	40	O	X			O			O	X	X	X
		01	1	00-7F	PITCH FINE	-64...0...+63[cent]	40	O	X			O			O	X	X	X
		02	1	00-7F	LEVEL	0...127	Depends on the note	O	X			O			O	X	X	X
		03	1	00-7F	ALTERNATE GROUP	OFF, 1...127	Depends on the note	O	X			O			O	X	X	X
		04	1	00-7F	PAN	RND, L63...C...R63	Depends on the note	O	X			O			O	X	X	X
		05	1	00-7F	REVERB SEND	0...127	Depends on the note	O	X			O			O	X	X	X
		06	1	00-7F	CHORUS SEND	0...127	Depends on the note	O	X			O			O	X	X	X
		07	1	00-7F	VARIATION SEND	0...127	7F	O	X			O			O	X	X	X
		08	1	00-01	KEY ASSIGN	SINGLE, MULTI	00	O	X			O			O	X	X	X
		09	1	00-01	Rcv NOTE OFF	OFF, ON	Depends on the note	O	X			O			O	X	X	X
		0A	1	00-01	Rcv NOTE ON	OFF, ON	01	O	X			O			O	X	X	X
		0B	1	00-7F	LOW PASS FILTER CUTOFF FREQUENCY	-64...0...+63	40	O	X			O			O	X	X	X
		0C	1	00-7F	LOW PASS FILTER RESONANCE	-64...0...+63	40	O	X			O			O	X	X	X
		0D	1	00-7F	EG ATTACK RATE	-64...0...+63	40	O	X			O			O	X	X	X
		0E	1	00-7F	EG DECAY1 RATE	-64...0...+63	40	O	X			O			O	X	X	X
		0F	1	00-7F	EG DECAY2 RATE	-64...0...+63	40	O	X			O			O	X	X	X

TOTAL SIZE 10

		20	1	00-7F	EQ BASS GAIN	-12...+12[dB]	40	X	X			X			O	X	X	X
		21	1	00-7F	EQ TREBLE GAIN	-12...+12[dB]	40	X	X			X			O	X	X	X
		22	1		NOT USED			-	-			-			-	-	-	-
		23	1		NOT USED			-	-			-			-	-	-	-
		24	1	04-28	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	X	X			X			O	X	X	X
		25	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	X	X			X			O	X	X	X
		26	1		NOT USED			-	-			-			-	-	-	-
		27	1		NOT USED			-	-			-			-	-	-	-
		28	1		NOT USED			-	-			-			-	-	-	-
		29	1		NOT USED			-	-			-			-	-	-	-
		2A	1		NOT USED			-	-			-			-	-	-	-
		2B	1		NOT USED			-	-			-			-	-	-	-
		2C	1		NOT USED			-	-			-			-	-	-	-
		2D	1		NOT USED			-	-			-			-	-	-	-

TOTAL SIZE 0E

n: Drum Setup Number (0-1)
rr: note number (0D-5B)

In the following cases, the instrument will initialize all Drum Setups.

XG SYSTEM ON received
GM SYSTEM ON received
GM LEVEL2 SYSTEM ON received
GS RESET received
DRUM SETUP RESET received (only when in XG mode)

[Note]

When a part to which a Drum Setup is assigned receives a program change, the assigned Drum Setup will be initialized.

If the same Drum Setup is assigned to two or more parts, changes in Drum Setup parameters (including program changes) will apply to all parts to which it is assigned.

System Exclusive Messages (1)

[GM1] ... GM Required Parameter
 [GM2] ... GM Level2 Required Parameter

* Not received when Receive System Exclusive Message Parameters is set to off.
 * Not transmitted when Transmit System Exclusive Message Parameters is set to off.

System Exclusive Messages (Universal Real Time Messages)

MIDI Event	Data Format	[MIDI]												[Song Creator]		
		Voice		MIDI Reception					MIDI Transmission				PLAY		REC	
		Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel operations	
Master Volume [GM2]	F0 7F XN 04 01 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000001 01 = Sub-ID #2 = Master Volume 0sssssss SS = Volume LSB 0ttttttt TT = Volume MSB 11110111 F7 = End of Exclusive	O	X	(Available for extra parts of a song)					O				O	O	X	
Master Fine Tuning [GM2]	F0 7F XN 04 03 SS TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000011 03 = Sub-ID #2 = Master Fine Tuning 0sssssss SS = Fine Tuning LSB 0ttttttt TT = Fine Tuning MSB 11110111 F7 = End of Exclusive	O	X	(Available for extra parts of a song)					O				O	X	X	
Master Coarse Tuning [GM2]	F0 7F XN 04 04 00 TT F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000000 00 = Sub-ID #2 = Master Coarse Tuning 0ttttttt TT = Coarse Tuning MSB 11110111 F7 = End of Exclusive	O	X	(Available for extra parts of a song)					O				O	X	X	
Reverb Parameter [GM2]	F0 7F XN 04 05 01 01 01 01 01 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000101 05 = Sub-ID #2 = Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000001 01 = Slot path LSB = 1 (Reverb) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter. : 11110111 F7 = End of Exclusive Parameter (pp) Value (vv) Display ----- pp=0 Reverb Type 0..8 0: RoomS 1: RoomM 2: RoomL 3: HallM 4: HallL (default) 8: GM Plate pp=1 Reverb Time 0..127 0..11.0s	O	O	O					O				O	O	X	
Chorus Parameter [GM2]	F0 7F XN 04 05 01 01 01 01 02 PP VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000101 05 = Sub-ID #2 = Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000010 02 = Slot path LSB = 2 (Chorus) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter : 11110111 F7 = End of Exclusive Parameter (pp) Value (vv) Display ----- pp=0 Chorus Type 0..5 0: GM Chorus1 1: GM Chorus2 2: GM Chorus3 (default) 3: GM Chorus4 4: FB Chorus 5: GM Flanger pp=1 Mod Rate 0..127 pp=2 Mod Depth 0..127 pp=3 Feedback 0..127 pp=4 Send to Reverb 0..127	O	O	O					O				O	O	X	
Channel Pressure (Aftertouch) [GM2]	F0 7F XN 09 01 0M PP RR ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00000101 09 = Sub-ID #1 = Controller Destination Setting 00000001 01 = Sub-ID #2 = Controller Type: 01 (Channel Pressure) 0000mmmm 0M = MIDI Channel (00-0F) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Data : 11110111 F7 = End of Exclusive Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values. Control Parameter (pp) Data (RR) Description Default Value ----- pp=00 Pitch Control 28H-58H -24...0...+24 semitones 40H pp=01 Filter Cutoff Control 00H-FH -9600...0...+9450 cents 40H pp=02 Amplitude Control 00H-FH -100...0...+100% 40H pp=03 LFO Pitch Depth 00H-FH 0...127 00H pp=04 LFO Filter Depth 00H-FH 0...127 00H pp=05 LFO Amplitude Depth 00H-FH 0...127 00H	O	X	O	X	X	X	X	X	X	O	X	O	X	X	

MIDI Data Format / MIDI-Datenformat / Format des données MIDI / Formato de datos MIDI

MIDI Event	Data Format	[MIDI]											[Song Creator]		
		Voice		MIDI Reception					MIDI Transmission				PLAY		REC
		Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel operations
Controller (Control Change) [GM2] F0 7F XN 09 03 0M CC PP RR ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = Controller Destination Setting 00000111 03 = Sub-ID #2 = Controller Type: 03 (Control Change) 0000mmmm 0M = MIDI Channel (00-0F) 0ccccccc CC = Controller Number (01H-1FH, 40H-5FH) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Range 11110111 F7 = End of Exclusive Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values. Control Parameter (pp) Data (RR) Description Default value ----- pp=00 Pitch Control 28H-58H -24...0...+24 semitones 40H pp=01 Filter Cutoff Control 00H-7FH -9600...0...+9450 cents 40H pp=02 Amplitude Control 00H-7FH -100...0...+100% 40H pp=03 LFO Pitch Depth 00H-7FH 0...127 00H pp=04 LFO Filter Depth 00H-7FH 0...127 00H pp=05 LFO Amplitude Depth 00H-7FH 0...127 00H	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
Key-Based Instrument Control [GM2] F0 7F XN 0A 01 0M KK CC VV ... F7 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001010 0A = Sub-ID #1 = Key-Based Instrument Control 00000001 01 = Sub-ID #2 = Controller 0000mmmm 0M = MIDI Channel (00-0F) 0kkkkkkk KK = Key Number 0ccccccc CC = Controller Number 0vvvvvvv VV = Value 11110111 F7 = End of Exclusive Make sure to set both the controlled number and the value. Control Number (CC) Value (VV) Description Default value ----- CC=07H Volume 00H-7FH -100...0...+100% 40H CC=0AH Pan 00H-7FH L63...C...R63 (Preset value) (absolute) CC=5BH Reverb Send Level 00H-7FH 0...Max (Preset value) (absolute) CC=5DH Chorus Send Level 00H-7FH 0...Max (Preset value) (absolute)	O (Drum only)	X	O	X	X	X	X	X	X	O	X	O	X	X	

System Exclusive Messages (Universal Non-Real Time Messages)

MIDI Event	Data Format	[MIDI]											[Song Creator]		
		Voice		MIDI Reception					MIDI Transmission				PLAY		REC
		Regular/Drum/ Natural/Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower	PLAY	REW	From panel operations
GM1 System On [GM1] [GM2] F0 7E XN 09 01 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = General MIDI Message 00000001 01 = Sub-ID #2 = General MIDI On 11110111 F7 = End of Exclusive	O	-			O (Available for extra parts of a song)					O		O	X	O	
GM2 System On [GM2] F0 7E XN 09 03 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = General MIDI Message 00000011 03 = Sub-ID #2 = General MIDI2 On 11110111 F7 = End of Exclusive	O	-			O (Available for extra parts of a song)					O		O	X	X	
General MIDI System Off [GM1] [GM2] F0 7E XN 09 02 F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N = 0-F, whichever is received. X = ignored 00001001 09 = Sub-ID #1 = General MIDI Message 00000010 02 = Sub-ID #2 = General MIDI Off 11110111 F7 = End of Exclusive	O	-			O (Available for extra parts of a song)					O		O	X	X	
Scale/Octave Tuning [GM2] F0 7E XN 08 08 JJ GG MM SS ... F7 11110000 F0 = Exclusive status 01111110 7E = Universal Non-Real Time 0xxxxnnn XN = When N is received N=0-F, whichever is received. X=ignored 00001000 08 = Sub-ID #1 = MIDI Tuning Standard 00001000 08 = Sub-ID #2 = scale/octave tuning 1 byte form 0jjjjjjj JJ = Channel/option byte 1 bits 0 to 1 = channel 15 to 16 bits 2 to 6 = reserved 0ggggggg GG = Channel byte 2 - bits 0 to 6 = channel 8 to 14 0mmmmmmm MM = Channel byte 2 - bits 0 to 6 = channel 1 to 7 0sssssss SS = 12 byte tuning offset of 12 semitones from C to B 00H means -64 cent 40H means 0 cent 7FH means +63 cent 11110111 F7 = End of Exclusive	O	X			O (Available for song parts)					O		O	X	X	

System Exclusive Messages (2)

* Not received when Receive System Exclusive Message Parameters is set to off.
 * Not transmitted when Transmit System Exclusive Message Parameters is set to off.

System Exclusive Messages (Style)

[MIDI]

MIDI Event	Data Format	Voice		MIDI Reception				MIDI Transmission				
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right/ Right/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower
Section Control	<p>F0 43 7E 00 ss dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000000 00 = 0sssssss ss = Switch No.</p> <p>00H INTRO A 01H INTRO B 02H INTRO C 03H INTRO D 08H MAIN A 09H MAIN B 0AH MAIN C 0BH MAIN D 10H FILL IN AA 11H FILL IN BB 12H FILL IN CC 13H FILL IN DD 18H BREAK FILL 20H ENDING A 21H ENDING B 22H ENDING C 23H ENDING D</p> <p>0ddddd dd = Switch On/Off 00H (Off) 7FH (On) 11110111 F7 = End of Exclusive</p>	-	-			O					●	
Tempo Control	<p>F0 43 7E 01 t4 t3 t2 t1 F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000001 01 = 0ttttttt t4 = tempo4 0ttttttt t3 = tempo3 0ttttttt t2 = tempo2 0ttttttt t1 = tempo1 11110111</p>	-	-			O					●	
Chord Control	<p>F0 43 7E tt d1 d2 d3 d4 F7</p> <p>Type1 (tt=02)</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000010 02 = type 1 0ddddd d1 = chord root (cr) 0ddddd d2 = chord type (ct) 0ddddd d3 = bass note (bn) 0ddddd d4 = bass type (bt) 11110111 F7 = End of Exclusive</p> <p>cr: Chord Root Offnnnn ff: b or #, nnnn: note (root)</p> <p>0000nnnn 0n bbb 0fff0000 x0 reserved 0001nnnn 1n bb 0fff0001 x1 C 0010nnnn 2n b 0fff0010 x2 D 0011mmn 3n natural 0fff0011 x3 E 0100nnn 4n # 0fff0100 x4 F 0101nnnn 5n ## 0fff0101 x5 G 0110nnnn 6n ### 0fff0110 x6 A 0fff0111 x7 B</p> <p>ct: Chord Type 0 - 34, 127</p> <p>0000000 0 0 Maj 00010010 12 18 dim7 00000001 01 1 Maj6 00010011 13 19 7th 00000010 02 2 Maj7 00010100 14 20 7sus4 00000011 03 3 Maj7 (#11) 00010101 15 21 7b5 00000100 04 4 Maj7 (9) 00010110 16 22 7 (9) 00000101 05 5 Maj7 (9) 00010111 17 23 7 (#11) 00000110 06 6 Maj6 (9) 00011000 18 24 7 (13) 00000111 07 7 aug 00011001 19 25 7 (b9) 00010000 08 8 min 00011010 1A 26 7 b13) 00010001 09 9 min6 00011011 1B 27 7 (#9) 00010100 0A 10 min7 00011100 1C 28 Maj7aug 00010101 0B 11 min7b5 00011101 1D 29 7aug 00011000 0C 12 min (9) 00011110 1E 30 1+8 00011101 0D 13 min7 (9) 00011111 1F 31 1+5 00011110 0E 14 min7 (11) 00100000 20 32 sus4 00011111 0F 15 minMaj7 00100001 21 33 1+2+5 00010000 10 16 minMaj7 (9) 00100010 22 34 cc 00010001 11 17 dim</p> <p>bn: On Bass Note Same as Chord root 127: No bass chord</p> <p>bt: Bass Chord Same as Chord type 127: No bass chord</p> <p>* Not received when Chord System Exclusive Message Parameters is set to off. * Not received when Transmit Chord System Exclusive Message Parameters is set to off.</p>	-	-			O					●	
	<p>Type2 (tt=03)</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01111110 7E = Style 00000011 03 = type 2 0ddddd dd = note1 0ddddd dd = note2 0ddddd dd = note3 : 0ddddd dd = note10 11110111 F7 = End of Exclusive</p>	-	-			O					X	

●: Transmitted via panel operations

System Exclusive Messages (XG)

MIDI Event	Data Format	[MIDI]										
		Voice		MIDI Reception					MIDI Transmission			
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower
XG Parameter Changes	F0 43 1n 4C hh mm ll dd ... F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nmmn 1n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data : : 11110111 F7 = End of Exclusive	-	-	-	-	-	-	-	-	-	-	-
XG Bulk Dump	F0 43 0n 4C aa bb hh mm ll dd...dd cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 000nmmn 0n = Device Number n=always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0aaaaaaa aa = Byte Count MSB 0bbbbbbb bb = Byte Count LSB 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 0ddddd dd = Data : : 0ddddd dd = Data 0ccccc cc = Checksum 11110111 F7 = End of Exclusive	-	-	-	-	-	-	-	-	-	-	
XG Parameter Request	F0 43 3n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 001nmmn 3n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive	-	-	-	-	-	-	-	-	-	-	
XG Dump Request	F0 43 2n 4C hh mm ll F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0010nmmn 2n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmmm mm = Address Mid 01111111 ll = Address Low 11110111 F7 = End of Exclusive	-	-	-	-	-	-	-	-	-	-	

System Exclusive Messages (Clavinova compliance)

11110000 F0 = Exclusive status
 01000011 43 = YAMAHA ID
 01110011 73 = Clavinova ID
 :
 :
 11110111 F7 = End of Exclusive

MIDI Event	Data Format	[MIDI]										
		Voice		MIDI Reception					MIDI Transmission			
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower
Internal Clock	F0 43 73 01 02 F7 00000001 01 = Model ID (Clavinova common ID) 0000010 02 = Internal Clock Substatus	-	-	-	-	-	-	-	-	-	X	
External Clock	F0 43 73 01 03 F7 00000001 01 = Model ID (Clavinova common ID) 0000011 03 = External Clock Substatus	-	-	-	-	-	-	-	-	-	X	
Organ Flutes data Bulk Dump	F0 43 73 01 06 0B 00 00 01 06 0n [Bulk Data] sum 01H Model ID (Clavinova common ID) 06H Bulk ID 0BH Bulk No. (Organ Flutes data Bulk Dump) 00H, 00H, 01H, 06H Data Length : 16bytes 1st Channel No. 0nH 2nd Footage [1'] 00 - 08H 3rd [1 1/3'] 00 - 08H 4th [1 3/5'] 00 - 08H 5th [2'] 00 - 08H 6th [2 2/3'] 00 - 08H 7th [4'] 00 - 08H 8th [5 1/3'] 00 - 08H 9th [8'] 00 - 08H 10th [16] 00 - 08H 11th [Attack 2'] 00 - 08H 12th [Attack 2 2/3'] 00 - 08H 13th [Attack 4'] 00 - 08H 14th Settings [Attack Length] 00 - 08H 15th [Response] 00 - 08H 16th [Attack Mode] 00 - 01H 00H: Each, 01H: First 17th [Wave Variation] 00 - 01H 00H: Sine, 01H: Vintage 18th [Volume] 01 - 08H 19th [aux] 00H 20th [aux] 00H 21th [aux] 00H 22th [aux] 00H sum Check Sum = 0-sum (BULK DATA)	O (Organ Flute)	X	O	O	X	X	O	●	X	O	X

●: Transmitted via panel operations

System Exclusive Messages (Natural Voice)

[MIDI]

MIDI Event	Data Format	Voice		MIDI Reception				MIDI Transmission												
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower								
String Resonance Depth	<p>F0 43 73 01 50 11 0n 02 dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00..0F) 00000101 02 = SubID (String Resonance Depth) 00000000 dd = Depth (00..48) 11110111 F7 = End of Exclusive</p> <table border="1"> <tr><td>CVP-501</td><td>X</td></tr> <tr><td>CVP-503</td><td>X</td></tr> <tr><td>CVP-505</td><td>X</td></tr> <tr><td>CVP-509</td><td>O</td></tr> </table>	CVP-501	X	CVP-503	X	CVP-505	X	CVP-509	O	O Available for some Natural Voices.	X	O	O	X	X	O	●	X	O	X
CVP-501	X																			
CVP-503	X																			
CVP-505	X																			
CVP-509	O																			
Sustain Sample Depth	<p>F0 43 73 01 50 11 0n 03 dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00..0F) 00000111 03 = SubID (Sustain Sample Depth) 00000000 dd = Depth (00..48) 11110111 F7 = End of Exclusive</p> <table border="1"> <tr><td>CVP-501</td><td>X</td></tr> <tr><td>CVP-503</td><td>O</td></tr> <tr><td>CVP-505</td><td>O</td></tr> <tr><td>CVP-509</td><td>O</td></tr> </table>	CVP-501	X	CVP-503	O	CVP-505	O	CVP-509	O	O Available for some Natural Voices.	X	O	O	X	X	O	●	X	O	X
CVP-501	X																			
CVP-503	O																			
CVP-505	O																			
CVP-509	O																			
Key Off Sampling Depth	<p>F0 43 73 01 50 11 0n 04 dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00..0F) 00000100 04 = SubID (Key Off Sampling Depth) 00000000 dd = Depth (00..50) 11110111 F7 = End of Exclusive</p> <table border="1"> <tr><td>CVP-501</td><td>X</td></tr> <tr><td>CVP-503</td><td>O</td></tr> <tr><td>CVP-505</td><td>O</td></tr> <tr><td>CVP-509</td><td>O</td></tr> </table>	CVP-501	X	CVP-503	O	CVP-505	O	CVP-509	O	O Available for some Natural Voices.	X	O	O	X	X	O	●	X	O	X
CVP-501	X																			
CVP-503	O																			
CVP-505	O																			
CVP-509	O																			
Soft Pedal Depth	<p>F0 43 73 01 50 11 0n 05 dd F7</p> <p>11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 01010000 50 = SubID 00010001 11 = SubID 0000nnnn 0n = Channel (00..0F) 00000101 05 = SubID (Soft Pedal Depth) 00000000 dd = Depth (00..7F) 11110111 F7 = End of Exclusive</p> <table border="1"> <tr><td>CVP-501</td><td>O</td></tr> <tr><td>CVP-503</td><td>O</td></tr> <tr><td>CVP-505</td><td>O</td></tr> <tr><td>CVP-509</td><td>O</td></tr> </table>	CVP-501	O	CVP-503	O	CVP-505	O	CVP-509	O	O Available for some Natural Voices.	X	O	O	X	X	O	●	X	O	X
CVP-501	O																			
CVP-503	O																			
CVP-505	O																			
CVP-509	O																			

●: Transmitted via panel operations

System Exclusive Messages Special Operators (Vocal Harmony Additional Parameters)

Vocal Harmony

CVP-501	X
CVP-503	O
CVP-505	O
CVP-509	O

MIDI Event	Data Format	Voice		MIDI Reception				MIDI Transmission				
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower
Vocal Harmony Pitch to Note ON/OFF	F0 43 73 01 11 On 50 00 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn On = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000000 00 = Pitch to Note Parameter No. 0d4d4d4d dd = data (00H: Off, 01H: On) 11110111 F7 = End of Exclusive	X	O			O					●	
Vocal Harmony Pitch to Note Part	F0 43 73 01 11 On 50 01 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn On = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000001 01 = Pitch to Note Part Parameter No. 0d4d4d4d dd = data 00H: Right1 01H: Right2 02H: Left 03H: (not used) 04H: Upper 11110111 F7=End of Exclusive	X	O			O					●	
Vocal Harmony Vocoder Part (Harmony Part(Pannel))	F0 43 73 01 11 On 50 10 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn On = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00010000 10 = Vocoder Part Parameter No. 0d4d4d4d dd = data 00H: Off 01H: Upper 02H: Lower 11110111 F7 = End of Exclusive	X	O			O					●	

● Transmitted via panel operations

System Exclusive Messages (Others)

MIDI Event	Data Format	Voice		MIDI Reception				MIDI Transmission												
		Regular/Drum/ Natural/Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	Style	Song	Upper Lower								
MIDI Master Tuning	F0 43 1n 27 30 00 00 0m 0l cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n n= always 0 (when transmit), n=0-F (when receive) 00100111 27 = Model ID of TG100 00110000 30 = Address High 00000000 00 = Address Mid 00000000 00 = Address Low 0000mmmm 0m = Master Tune MSB 00001111 0l = Master Tune LSB 0ccccccc cc = don't care 11110111 F7 = End of Exclusive	O	O			O					X									
MIDI Key LED Mode	F0 43 73 01 11 On 47 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn On = Channel No. 01000111 47 = MIDI Key LED Mode On Off Substatus 0d4d4d4d dd = data 00H: Light Off & Sound 01H: Light On & No Sound 02H: Light On & Sound 03H: Light Off & No Sound 11110111 F7 = End of Exclusive When set to Key LED + No Sound (01H) and Key LED (02H), the LED is turned on/ off by a note on message of the channel specified via the Channel No. 9n, note, Vel=0: off 9n, note, Vel=1: flush 9n, note, Vel=2-: on Up to two channels can be specified simultaneously. A channel become available with Normal (00H).	-	-	O	X	X	X	X	X	X	X	X								
	<table border="1"> <tr> <td>CVP-501</td> <td>O</td> </tr> <tr> <td>CVP-503</td> <td>O</td> </tr> <tr> <td>CVP-505</td> <td>O</td> </tr> <tr> <td>CVP-509</td> <td>O</td> </tr> </table>	CVP-501	O	CVP-503	O	CVP-505	O	CVP-509	O											
CVP-501	O																			
CVP-503	O																			
CVP-505	O																			
CVP-509	O																			

Song System Exclusive Message List / Liste der System-Exclusive-Meldungen der Songs / Liste des messages exclusifs au système demorceaux / Lista de mensajes exclusivos del sistema de canciones

Data Format	Parameter	Description	Note
Guide			
F0 43 73 01 1F 00 cc dd F7	Guide Mode	ccH = Part Select No 00H (TRACK1=ON, TRACK2=ON) 01H (TRACK1=OFF, TRACK2=ON) 02H (TRACK1=ON, TRACK2=OFF) 03H (TRACK1=OFF, TRACK2=OFF) ddH = Mode 00H=Guide OFF 01H=Follow Lights 02H=Any Key 03H=Karao-Key 04H=Vocal CueTIME (Vocal Cue Time is not available on the CVP-501.)	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.
Score			
F0 43 73 01 50 12 00 00 dd F7	Left Part indication On/Off	00H: OFF, 7FH: ON	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display
F0 43 73 01 50 12 00 01 dd F7	Right Part indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 02 dd F7	Lyrics indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 03 dd F7	Chord indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 04 dd F7	N.Name indication On/Off	00H: OFF, 7FH: ON	
F0 43 73 01 50 12 00 05 dd F7	Size designation	00H: SMALL, 01H: MIDDLE, 02H: LARGE, 03H: X-LARGE 01H: MIDDLE and 03H: X-LARGE are available on the CVP-509 only.	
F0 43 73 01 50 12 00 06 dd F7	Left Ch	00H~0FH=CH, 7EH=OFF, 7FH=AUTO	
F0 43 73 01 50 12 00 07 dd F7	Right Ch	00H~0FH=CH, 7EH=OFF, 7FH=AUTO	
F0 43 73 01 50 12 00 08 dd F7	Quantize triplet On/Off	00H: Triplet OFF, 7FH: Triplet ON	
F0 43 73 01 50 12 00 09 dd F7	Quantize	00H: quarter, 01H: eighth, 02H: sixteenth, 03H: thirty-second	
F0 43 73 01 50 12 00 0A dd F7	NoteName	00H: ABC, 01H: FixedDo, 02H: MovableDo	
F0 43 73 01 50 12 00 0B dd F7	Color Note	00H: OFF, 7FH: ON	
Style			
F0 43 73 01 51 00 00 03 10 00 dd F7	STYLE SPLIT POINT	dd=STYLE SPLIT POINT (Note Number)	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display
F0 43 73 01 51 05 00 03 04 00 00 dd dd F7	STYLE	dd dd = Style No.	Entered when recording.
F0 43 7E 00 ss dd F7	Section Control	Refer to the MIDI Data Format.	Entered when recording.

Song Meta Event List / Liste der Meta-Events der Songs / Liste des métaévénements des morceaux / Lista de meta-eventos de canciones

Data Format	Parameter	Description	Note
FF 05 len [Data]	Lyrics	len=Data length, [Data]=Lyrics Data	
FF 51 03 t1 t2 t3	Set Tempo	t1 t2 t3 = Tempo value B7 1B 00~01 D4 C0 (Tempo 5~500)	Entered when recording.
FF 58 04 nn dd cc bb	Beat	nn = Numerator dd = Denominator (2n) cc = MIDI clock per metronome click bb = Number of thirty-second notes in MIDI quarter note	Entered when recording.
FF 59 02 sf mi	Key Signature	sf = -7 - 7 mi = 0: Major key, 1: Minor key	Entered from the [Score] > SETUP display
YAMAHA META EVENT			
FF 7F 06 43 73 0A 00 07 dd	Score Start Bar	ddH: Start form this measure dd = -100 - 1, 1 - 100	Same as ScBar entered from the [SONG CREATOR] > SYS/EX. display
FF 7F len 43 73 0D 01 [Data]	Keyboard Voice	Voice settings for RIGHT1, 2, and LEFT	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.
YAMAHA XF META EVENT			
FF 7F 07 43 7B 01 cr ct bn bt	Chord Name	Refer to "Chord Control" in the MIDI Data Format (System Exclusive Messages)	Entered when recording.
FF 7F 05 43 7B 03 20 08	Phrase Mark	Used as a marker for each phrase when executing Phrase Mark repeat playback.	Used when performing the Phrase Mark repeat playback.
FF 7F 04 43 7B 04 dd	Phrase Max	Max Phrase Number	
FF 7F 05 43 7B 0C rr ll	Guide Track Flag	Sets the TRACK 1 and TRACK 2 parameters on the [FUNCTION] > [SONG SETTING] display. rr = TRACK 1 (0: OFF, 1: 1CH~16: 16CH) ll = TRACK2 (0: OFF, 1: 1CH~16: 16CH)	Entered when recording.
FF 7F len 43 7B 21 00 pp [Data]	Lyrics Bitmap	Specifies the background picture of the Lyrics display. pp = Display type (00H: Center, 01H: Tile) [Data] = File Path	Entered to the song from the [SONG CREATOR] > CHANNEL > SETUP display.

Lyrics Bitmap is not available for the CVP-503/501.

**MIDI Implementation Chart / MIDI-Implementierungstabelle /
Tableau d'implémentation MIDI / Gráfico de implementación MIDI**

YAMAHA [Clavinova]
Model CVP-509/505/503/501 MIDI Implementation Chart

Date : 05-Feb-2009
Version : 1.0

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	
Mode Default Messages Altered	3 X *****	3 X X	
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity Note ON Note OFF	O 9nH, v=1-127 X 9nH, v=0	O 9nH, v=1-127 X	
After Touch Key's Ch's	X X	O O	
Pitch Bend	O	O 0 - 24 semi	
Control Change 0,32 1,5,7,10,11 6,38 64,65,66,67 71,72,73,74 80,81 84 91,93,94 96,97 98,99 100,101	O O O O O O O O X O O	O O O O O O O O O O O	Bank Select Data Entry Sound Controller Portamento Cntrl Effect Depth RPN Inc,Dec NRPN LSB,MSB RPN LSB,MSB
Prog Change : True #	O 0 - 127 *****	O 0 - 127	
System Exclusive	O	O	
Common : Song Pos. : Song Sel. : Tune	X X X	X X X	
System : Clock Real Time : Commands	O O	O O	
Aux : All Sound Off : Reset All Cntrls : Local ON/OFF Mes- : All Notes OFF sages: Active Sense : Reset	X X X X O X	O (120,126,127) O (121) O (122) O (123-125) O X	
Notes:			

Mode 1 : OMNI ON , POLY
Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON , MONO
Mode 4 : OMNI OFF, MONO

O : Yes
X : No

