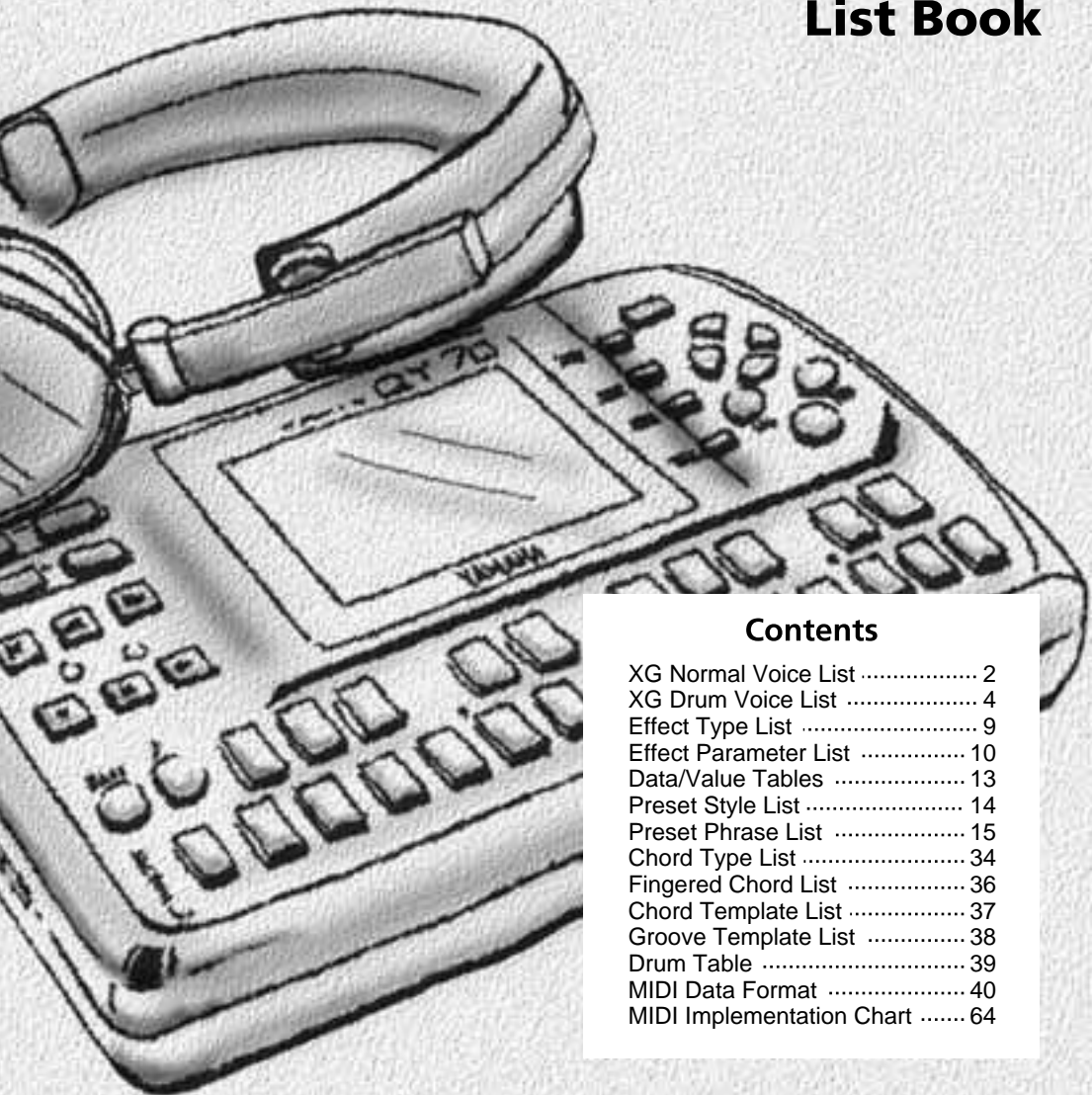


# YAMAHA

## MUSIC SEQUENCER

# QY70

## List Book



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# X G Normal Voice List

- |   |   |   |  |
|---|---|---|--|
| Bank 0 : (GM)<br>Bank 1 : Key Scale Panning<br>Bank 3 : Stereo<br>Bank 6 : Single<br>Bank 8 : Slow<br>Bank 12 : Fast Decay<br>Bank 14 : Double Attack<br>Bank 16 : Bright<br>Bank 17 : Bright<br>Bank 18 : Dark<br>Bank 19 : Dark | Bank 20 : Resonant<br>Bank 24 : Attack<br>Bank 25 : Release<br>Bank 27 : Reso Sweep<br>Bank 28 : Muted<br>Bank 32 : Detune 1<br>Bank 33 : Detune 2<br>Bank 34 : Detune 3<br>Bank 35 : Octave 1<br>Bank 36 : Octave 2<br>Bank 37 : 5th 1 | Bank 38 : 5th 2<br>Bank 39 : Bend<br>Bank 40 : Tutti<br>Bank 41 : Tutti<br>Bank 42 : Tutti<br>Bank 43 : Velo-Switch<br>Bank 45 : Velo-Xfade<br>Bank 64 : Other wave<br>Bank 65 : Other wave<br>Bank 66 : Other wave<br>Bank 67 : Other wave | Bank 68 : Other wave<br>Bank 69 : Other wave<br>Bank 70 : Other wave<br>Bank 71 : Other wave<br>Bank 72 : Other wave<br>Bank 95 : Other wave<br>Bank 97 : Other wave<br>Bank 98 : Other wave<br>Bank 99 : Other wave<br>Bank 100 : Other wave<br>Bank 101 : Other wave |
|---|---|---|--|

## Bank Select MSB=064, LSB=000 SFX Voice (The category display is Sfx.)

Category	Program #	Bank #	Voice Name	Elem-ent
Rd (Reed)	65	0	SaxoSax 1	1
	66	0	Alo Sax	1
		40	Sax Sact	2
		43	HyprAlto	2
	67	0	TenorSax	1
		40	BrthTrnSx	2
		41	SoftTenr	2
		64	TrnSax 2	1
		68	0	Bari.Sax
	69	0	Oboe	2
	70	0	Eng.Horn	1
	71	0	Bassoon	1
	72	0	Clarinert	1
	73	0	Piccolo	1
	PI (Pipe)	74	0	Flute
75		0	Recorder	1
76		0	PanFlute	1
77		0	Bottle	2
78		0	Shakhchi	2
79		0	Whistle	1
80		0	Ocarina	1
Ld (Synth Lead)		81	0	SquareLd
	6	6	SqarLd2	1
		8	LMSquare	2
		18	Hollow	1
	19	Shroud	2	
	64	Mellow	2	
	65	65	SoloSine	2
		66	SineLead	1
		67	Pulse Ld	1
	82	0	Saw Ld	2
		6	Saw Ld 2	1
		8	ThickSaw	2
		18	Dyna Saw	1
		19	Digi Saw	2
		20	Big Lead	2
		24	HeavySyn	2
		25	WaspSyn	2
		32	RezzySaw	1
		37	DoubtSaw	2
		35	Toy Lead	2
		36	Dim Saw	2
	40	40	PulseSaw	2
		41	Dr. Lead	2
		45	VeloLead	2
		64	Digger	1
		96	Seq Ana.	2
		94	0	CalliopLd
	83	65	PureLead	2
		0	Chiff Ld	2
		64	Rubby	2
65	HardSync	1		
85	0	CharanLd	2	
	64	DistLead	2	
	65	WireLead	2	
	66	SynPuck	1	
	86	0	Voice Ld	2
		24	SynthAah	2
64		VoxLead	2	
0		Fifth Ld	2	
87	0	Fifth Ld	2	
	35	Big Five	2	
	88	0	Bass&Ld	2
16		Big&Low	2	
64		Fat&Prky	2	
65		Soft Wri	2	
Pd (Synth Pad)	89	0	NewAgePd	2
	64	64	Fantasy	2
		0	Warm Pad	2
		16	ThickPad	2
	17	Soft Pad	2	
	18	SinePad	2	
	64	Horn Pad	2	
	65	RotarStr	2	
	91	0	PolySyPd	2
		64	PolyPd80	2
		65	ClickPad	2
		66	Ana. Pad	2
		67	SqarPad	2

Category	Program #	Bank #	Voice Name	Elem-ent	
Pd (Synth Pad)	92	0	ChoirPad	2	
	84	84	Heaven	2	
		66	Hotpia	2	
		67	CC Pad	2	
		93	0	BowedPad	2
			64	Glacier	2
			65	GlassPad	2
	94	0	MetalPad	2	
		64	Tine Pad	2	
		65	Pan Pad	2	
	95	0	Halo Pad	2	
	96	0	SweepPad	2	
		20	Shwimmer	2	
		27	Converge	2	
	64	64	PolifPad	2	
65		Cetstai	2		
Fx (Synth Effects)		97	0	Rain	2
	45	ClaviPad	2		
	46	HmoRain	2		
	65	AfrcnWnd	2		
	66	Carib	2		
	98	0	SoundTrk	2	
27		Prologue	2		
64		Ancestrl	2		
99		0	Crystal	2	
		12	SynDrCmp	2	
		10	Popcom	2	
		18	TinyBell	2	
		35	RevClock	2	
		40	GlockChi	2	
		41	ClearBel	2	
		42	ChorBell	2	
		64	SynMalet	1	
	65	StfCryst	2		
100	66	LoudGlok	2		
	67	ChrSbel	2		
	68	VibeBell	2		
	69	DigiBell	2		
	70	AirBells	2		
	71	BellHarp	2		
	72	Gamelamba	2		
	0	Atmosphr	2		
	18	WarmAtms	2		
	19	HollvRis	2		
	40	Nylon EP	2		
	64	NylnHarp	2		
65	Harp Vox	2			
66	AtmosPad	2			
67	Planet	2			
101	0	Bright	2		
	64	FantaBel	2		
	96	Smockey	2		
	102	0	Goblins	2	
		64	GoBSynth	2	
		65	Creager	2	
66		Ring Pad	2		
67		Ritual	2		
68		ToHeaven	2		
70	70	Night	2		
	71	Glisten	2		
	96	BelChoir	2		
	103	0	Echoes	2	
		8	Echoes 2	2	
		14	Echo Pan	2	
64		EchoBel	2		
65		Big Pan	2		
66		SynPiano	2		
68	67	Creation	2		
	68	StarDust	2		
	69	ResoSPan	2		
	104	0	Sci-Fi	2	
		64	Starz	2	

Category	Program #	Bank #	Voice Name	Elem-ent	
Et (Ethnic)	105	0	Sitar	1	
	32	32	BesSitar	2	
		35	Sitar 2	2	
		96	Tambra	2	
		97	Tamboura	2	
		106	0	Banjo	1
			28	MuteBnjo	1
	96	Rabab	2		
	97	Gopichnt	2		
	98	Oud	2		
	107	0	Shamisen	1	
	108	0	Koto	1	
		96	Taisho- K	2	
		97	Kanoon	2	
		109	0	Kalamba	1
110			0	Bagpipe	1
111		0	Fiddle	1	
112		0	Shanai	1	
64		64	Shanai 2	1	
		96	Pungi	1	
		97	Hichrki	2	
	Pc (Percussive)	113	0	TrkBell	2
96		Bonang	2		
97		Allair	2		
98		Gamelan	2		
99		S.Gamelan	2		
100		Rama Cym	2		
101		AsianB	2		
114		0	Agogo	2	
115		0	SteelDrum	2	
97		GlasPerc	2		
98		ThaiBell	2		
116		0	Woodblok	1	
		96	Castanet	1	
		117	0	TaikoDrum	1
			96	Gr.Cassa	1
118	0	MelodTom	2		
	64	Mei Tom2	1		
	65	Real Tom	2		
	66	Rock Tom	2		
119	0	Syn Drum	1		
	64	Ana Tom	1		
65	ElecPerc	2			
120	0	RevCymb	1		
Se (Sound Effects)	121	0	FretNoiz	2	
	122	0	BrthNoiz	2	
	123	0	Seashore	2	
	124	0	Tweet	2	
	125	0	Telephone	1	
	126	0	Helicptr	1	
	127	0	Applause	1	
	128	0	Gunshot	1	

Program #	MSB=064 LSB=000	Elem-ent	Program #	MSB=064 LSB=000	Elem-ent
1	CuttingNz	1	65	PhonCall	1
2	CtngHz2	2	66	DoorSgsk	1
3	DistCutNz	2	67	DoorSlam	1
4	Str Slap	1	68	ScratchC	1
5	B.Slide	2	69	Scratch 2	2
6	P.Scrape	1	70	WindChim	1
7			71	Telephon2	1
8			72		
9			73		
10			74		
11			75		
12			76		
13			77		
14			78		
15			79		
16			80		
17	FKClck	1	81	CarEgnt	1
18			82	CarTSpel	1
19			83	Car Pass	1
20			84	CarCrash	1
21			85	Siren	2
22			86	Train	1
23			87	JetPlane	2
24			88	Starship	2
25			89	Burst	2
26			90	Coaster	2
27			91	Submarin	2
28			92		
29			93		
30			94		
31			95		
32			96		
33	Shower	1	97	Laugh	1
34	Thunder	1	98	Scream	1
35	Wind	1	99	Punch	1
36	Stream	2	100	Heart	1
37	Bubble	2	101	Footstep	1
38	Feed	2	102		
39			103		
40			104		
41			105		
42			106		
43			107		
44			108		
45			109		
46			110		
47			111		
48			112		
49	Dog	1	113	MchinGun	1
50	Horse	1	114	LaserGun	2
51	Tweet 2	1	115	Xplosion	2
52			116	FireWork	2
53			117		
54			118		
55	Ghost	2	119		
56	Maou	2	120		
57			121		
58			122		
59			123		
60			124		
61			125		
62			126		
63			127		
64			128		

No sound

# XG Drum Voice List

**Bank Select MSB=Bank Number, LSB=000**

Bank Select MSB		127		127		127		127		127			
Bank Select LSB		0		0		0		0		0			
Ppms (1-126)		1		2		3		4		9			
Note#	Note	Key Off	Alternate Group	Standard Kit	E	Standard Kit 2	E	Dry Kit	E	Bright Kit	E	Room Kit	E
13	C#	-1	3	Surdo Mute	1					Surdo Mute B	1		
14	D	-1	3	Surdo Open	1					Surdo Open B	1		
15	D#	-1		Hi Q	1					Hi Q B	1		
16	E	-1		Whip Slap	1					Whip Slap B	1		
17	F	-1	4	Scratch H	1					Scratch H B	1		
18	F#	-1	4	Scratch L	1					Scratch L B	1		
19	G	-1		Finger Snap	1					Finger Snap B	1		
20	G#	-1		Click Noise	1					Click Noise B	1		
21	A	-1		Metronome Click	1					Metronome Click B	1		
22	A#	-1		Metronome Bell	1					Metronome Bell B	1		
23	B	-1		Seq Click L	1					Seq Click L B	1		
24	C	0		Seq Click H	1					Seq Click H B	1		
25	C#	0		Brush Tap	1					Brush Tap B	1		
26	D	0	O	Brush Swirl	1					Brush Swirl B	1		
27	D#	0		Brush Slap	1					Brush Slap B	1		
28	E	0	O	Brush Tap Swirl	1					Brush Tap Swirl B	1		
29	F	0	O	Snare Roll	1	Snare Roll 2	1			Snare Roll B	1		
30	F#	0		Castanet	1					Castanet B	1		
31	G	0		Snare Soft	1	Snare Soft 2	1	Snare Dry Soft	1	Snare Soft B	1		
32	G#	0		Sticks	1					Sticks B	1		
33	A	0		Kick Soft	1			Kick Dry Soft	1	Kick Soft B	1		
34	A#	0		Open Rim Shot	1	Open Rim Shot H Short	1	Open Rim Shot Dry	1	Open Rim Shot B	1		
35	B	0		Kick Tight	1	Kick Tight Short	1	Kick Dry Tight	1	Kick Tight B	1		
36	C	1		Kick	1	Kick Short	1	Kick Dry Mute	1	Kick B	1		
37	C#	1		Side Stick	1					Side Stick B	1		
38	D	1		Snare	1	Snare Short	1	Snare Dry	1	Snare B	1	Snare Snappy	1
39	D#	1		Hand Clap	1					Hand Clap B	1		
40	E	1		Snare Tight	1	Snare Tight H	1	Snare Dry Mute	1	Snare Tight B	1	Snare Tight Snappy	1
41	F	1		Floor Tom L	1			Floor Tom L Short	1	Floor Tom L B	1	Tom Room 1	1
42	F#	1	1	Hi-Hat Closed	1					Hi-Hat Closed L B	1		
43	G	1		Floor Tom H	1			Floor Tom H Short	1	Floor Tom H B	1	Tom Room 2	1
44	G#	1	1	Hi-Hat Pedal	1					Hi-Hat Pedal B	1		
45	A	1		Low Tom	1			Low Tom Short	1	Low Tom B	1	Tom Room 3	1
46	A#	1	1	Hi-Hat Open	1					Hi-Hat Open B	1		
47	B	1		Mid Tom L	1			Mid Tom L Short	1	Mid Tom L B	1	Tom Room 4	1
48	C	2		Mid Tom H	1			Mid Tom H Short	1	Mid Tom H B	1	Tom Room 5	1
49	C#	2		Crash Cymbal 1	1					Crash Cymbal 1 B	1		
50	D	2		High Tom	1			High Tom Short	1	High Tom B	1	Tom Room 6	1
51	D#	2		Ride Cymbal 1	1					Ride Cymbal 1 B	1		
52	E	2		Chinese Cymbal	1					Chinese Cymbal B	1		
53	F	2		Ride Cymbal Cup	1					Ride Cymbal Cup Short	1		
54	F#	2		Tambourine	1					Tambourine B	1		
55	G	2		Splash Cymbal	1					Splash Cymbal B	1		
56	G#	2		Cowbell	1					Cowbell B	1		
57	A	2		Crash Cymbal 2	1					Crash Cymbal 2 B	1		
58	A#	2		Vibraslap	1					Vibraslap B	1		
59	B	2		Ride Cymbal 2	1					Ride Cymbal 2 B	1		
60	C	3		Bongo H	1					Bongo H B	1		
61	C#	3		Bongo L	1					Bongo L B	1		
62	D	3		Conga H Mute	1					Conga H Mute B	1		
63	D#	3		Conga H Open	1					Conga H Open B	1		
64	E	3		Conga L	1					Conga L B	1		
65	F	3		Timbale H	1					Timbale H B	1		
66	F#	3		Timbale L	1					Timbale L B	1		
67	G	3		Agogo H	1					Agogo H B	1		
68	G#	3		Agogo L	1					Agogo L B	1		
69	A	3		Cabasa	1					Cabasa B	1		
70	A#	3		Maracas	1					Maracas B	1		
71	B	3	O	Samba Whistle H	1					Samba Whistle H B	1		
72	C	4	O	Samba Whistle L	1					Samba Whistle L B	1		
73	C#	4		Gulro Short	1					Gulro Short B	1		
74	D	4	O	Gulro Long	1					Gulro Long B	1		
75	D#	4		Claves	1					Claves B	1		
76	E	4		Wood Block H	1					Wood Block H B	1		
77	F	4		Wood Block L	1					Wood Block L B	1		
78	F#	4		Cuica Mute	1					Cuica Mute B	1		
79	G	4		Cuica Open	1					Cuica Open B	1		
80	G#	4	2	Triangle Mute	1					Triangle Mute B	1		
81	A	4	2	Triangle Open	1					Triangle Open B	1		
82	A#	4		Shaker	1					Shaker B	1		
83	B	4		Jingle Bells	1					Jingle Bells B	1		
84	C	5		Bell Tree	1					Bell Tree B	1		
85	C#	5											
86	D	5											
87	D#	5											
88	E	5											
89	F	5											
90	F#	5											
91	G	5											

Same as Standard Kit  
 No sound

\* The Alternate Group is a function that prevents voices in the same group from being played simultaneously. For example, Hi-Hat Closed and Hi-Hat Open voices will not simultaneously sound in group 1.

X G D r u m V o i c e L i s t

Bank Select MSB		127		127		127		127		127			
Bank Select LSB		0		0		0		0		0			
Pgm# (1-126)		1		10		17		18		25			
Note#	Note	Key Off	Alternate Group	Standard Kit	E	Dark Room Kit	E	Rock Kit	E	Rock Kit 2	E	Electro Kit	E
13	C#	-1	3	Surdo Mute	1								
14	D	-1	3	Surdo Open	1								
15	D#	-1		Hr Q	1								
16	E	-1		Whip Slap	1								
17	F	-1	4	Scratch H	1								
18	F#	-1	4	Scratch L	1								
19	G	-1		Finger Snap	1								
20	G#	-1		Click Noise	1								
21	A	-1		Metronome Click	1								
22	A#	-1		Metronome Bell	1								
23	B	-1		Seq Click L	1								
24	C	0		Seq Click H	1								
25	C#	0		Brush Tap	1								
26	D	0	O	Brush Swirl	1								
27	D#	0		Brush Slap	1								
28	E	0	O	Brush Tap Swirl	1								
29	F	0	O	Snare Roll	1							Reverse Cymbal	1
30	F#	0		Castanet	1							Hr Q 2	1
31	G	0		Snare Soft	1			Snare Noisy	1	Snare Noisy 5	1	Snare Snappy Electro	1
32	G#	0		Sticks	1								
33	A	0		Kick Soft	1			Kick Tight 2	1	Kick Tight 3	1	Kick 3	1
34	A#	0		Open Rim Shot	1								
35	B	0		Kick Tight	1	Kick Dark	1	Kick 2	1	Kick 4	1	Kick Gate	1
36	C	1		Kick	1	Kick Room Gate	1	Kick Gate	1	Kick Gate 2	1	Kick Gate Heavy	1
37	C#	1		Side Stick	1								
38	D	1		Snare	1	Snare Snappy 2	1	Snare Rock	1	Snare Rock 2	1	Snare Noisy 2	1
39	D#	1		Hand Clap	1								
40	E	1		Snare Tight	1	Snare Tight Snappy 2	1	Snare Rock Rim	1	Snare Rock Rim Q	1	Snare Noisy 3	1
41	F	1		Floor Tom L	1	Tom Room 1 Q	1	Tom Rock 1	1	Tom Rock 1 H	1	Tom Electro 1	1
42	F#	1	1	Hi-Hat Closed	1	Hi-Hat Closed Q	1					Hi-Hat Closed 2	1
43	G	1		Floor Tom H	1	Tom Room 2 Q	1	Tom Rock 2	1	Tom Rock 2 H	1	Tom Electro 2	1
44	G#	1	1	Hi-Hat Pedal	1	Hi-Hat Pedal Q	1					Hi-Hat Pedal 2	1
45	A	1		Low Tom	1	Tom Room 3 Q	1	Tom Rock 3	1	Tom Rock 3 L Short	1	Tom Electro 3	1
46	A#	1	1	Hi-Hat Open	1	Hi-Hat Open L	1					Hi-Hat Open 2	1
47	B	1		Mid Tom L	1	Tom Room 4 Dark	1	Tom Rock 4	1	Tom Rock 4 L Short	1	Tom Electro 4	1
48	C	2		Mid Tom H	1	Tom Room 5 L Dark	1	Tom Rock 5	1	Tom Rock 5 L Short	1	Tom Electro 5	1
49	C#	2		Crash Cymbal 1	1								
50	D	2		High Tom	1	Tom Room 6 L Dark	1	Tom Rock 6	1	Tom Rock 6 L Short	1	Tom Electro 6	1
51	D#	2		Ride Cymbal 1	1								
52	E	2		Chinese Cymbal	1								
53	F	2		Ride Cymbal Cup	1								
54	F#	2		Tambourine	1								
55	G	2		Splash Cymbal	1								
56	G#	2		Cowbell	1								
57	A	2		Crash Cymbal 2	1								
58	A#	2		Vibraslap	1								
59	B	2		Ride Cymbal 2	1								
60	C	3		Bongo H	1								
61	C#	3		Bongo L	1								
62	D	3		Conga H Mute	1								
63	D#	3		Conga H Open	1								
64	E	3		Conga L	1								
65	F	3		Timbale H	1								
66	F#	3		Timbale L	1								
67	G	3		Agogo H	1								
68	G#	3		Agogo L	1								
69	A	3		Cabasa	1								
70	A#	3		Maracas	1								
71	B	3	O	Samba Whistle H	1								
72	C	4	O	Samba Whistle L	1								
73	C#	4		Gulro Short	1								
74	D	4	O	Gulro Long	1								
75	D#	4		Claves	1								
76	E	4		Wood Block H	1								
77	F	4		Wood Block L	1								
78	F#	4		Cuica Mute	1							Scratch H 2	1
79	G	4		Cuica Open	1							Scratch L 2	1
80	G#	4	2	Triangle Mute	1								
81	A	4	2	Triangle Open	1								
82	A#	4		Shaker	1								
83	B	4		Jingle Bells	1								
84	C	5		Bell Tree	1								
85	C#	5											
86	D	5											
87	D#	5											
88	E	5											
89	F	5											
90	F#	5											
91	G	5											

Same as Standard Kit  
 No sound

\* The Alternate Group is a function that prevents voices in the same group from being played simultaneously. For example, Hi-Hat Closed and Hi-Hat Open voices will not simultaneously sound in group 1.

# X G D r u m V o i c e L i s t

## Bank Select MSB=Bank Number, LSB=000

Bank Select MSB		127		127		127		127			
Bank Select LSB		0		0		0		0			
Pgms# (1-128)		1		26		27		28			
Note#	Note	Key Off	Alternate Group	Standard Kit	E	Analog Kit	E	Analog Kit 2	E	Dance Kit	E
13	C# -1		3	Surdo Mute	1						
14	D -1		3	Surdo Open	1						
15	D# -1			Hi Q	1						
16	E -1			Whip Slap	1						
17	F -1		4	Scratch H	1						
18	F# -1		4	Scratch L	1						
19	G -1			Finger Snap	1						
20	G# -1			Click Noise	1						
21	A -1			Metronome Click	1						
22	A# -1			Metronome Bell	1						
23	B -1			Seq Click L	1						
24	C 0			Seq Click H	1						
25	C# 0			Brush Tap	1						
26	D 0	O		Brush Swirl	1						
27	D# 0			Brush Slap	1						
28	E 0	O		Brush Tap Swirl	1	Reverse Cymbal	1	Reverse Cymbal	1	Reverse Cymbal	1
29	F 0	O		Snare Roll	1						
30	F# 0			Castanet	1	Hi Q 2	1	Hi Q 2	1	Hi Q 2	1
31	G 0			Snare Soft	1	Snare Noisy 4	1	Snare Analog 3	1	Snare Analog 3	1
32	G# 0			Sticks	1						
33	A 0			Kick Soft	1	Kick Tight 2	1	Kick Techno Soft	1	Kick Techno Q	1
34	A# 0			Open Rim Shot	1			Open Rim Shot Dry	1	Rim Gate	1
35	B 0			Kick Tight	1	Kick Analog Short	1	Kick Techno Tight	1	Kick Techno L	1
36	C 1			Kick	1	Kick Analog	1	Kick Techno	1	Kick Techno 2	1
37	C# 1			Side Stick	1	Side Stick Analog	1	Side Stick Analog	1	Side Stick Analog	1
38	D 1			Snare	1	Snare Analog	1	Snare Techno	1	Snare Clap	1
39	D# 1			Hand Clap	1						
40	E 1			Snare Tight	1	Snare Analog 2	1	Snare Techno 2	1	Snare Dry 2	1
41	F 1			Floor Tom L	1	Tom Analog 1	1	Tom Analog 1	1	Tom Analog 1	1
42	F# 1	1		Hi-Hat Closed	1	Hi-Hat Closed Analog	1	Hi-Hat Closed Analog	1	Hi-Hat Closed 3	1
43	G 1			Floor Tom H	1	Tom Analog 2	1	Tom Analog 2	1	Tom Analog 2	1
44	G# 1	1		Hi-Hat Pedal	1	Hi-Hat Closed Analog 2	1	Hi-Hat Closed Analog 2	1	Hi-Hat Closed Analog 2	1
45	A 1			Low Tom	1	Tom Analog 3	1	Tom Analog 3	1	Tom Analog 3	1
46	A# 1	1		Hi-Hat Open	1	Hi-Hat Open Analog	1	Hi-Hat Open Analog	1	Hi-Hat Open 3	1
47	B 1			Mid Tom L	1	Tom Analog 4	1	Tom Analog 4	1	Tom Analog 4	1
48	C 2			Mid Tom H	1	Tom Analog 5	1	Tom Analog 5	1	Tom Analog 5	1
49	C# 2			Crash Cymbal 1	1	Crash Analog	1	Crash Analog	1	Crash Analog	1
50	D 2			High Tom	1	Tom Analog 6	1	Tom Analog 6	1	Tom Analog 6	1
51	D# 2			Ride Cymbal 1	1						
52	E 2			Chinese Cymbal	1						
53	F 2			Ride Cymbal Cup	1						
54	F# 2			Tambourine	1						
55	G 2			Splash Cymbal	1						
56	G# 2			Cowbell	1	Cowbell Analog	1	Cowbell Analog	1	Cowbell Analog	1
57	A 2			Crash Cymbal 2	1						
58	A# 2			Vibraslap	1						
59	B 2			Ride Cymbal 2	1						
60	C 3			Bongó H	1						
61	C# 3			Bongó L	1						
62	D 3			Conga H Mute	1	Conga Analog H	1	Conga Analog H	1	Conga Analog H	1
63	D# 3			Conga H Open	1	Conga Analog M	1	Conga Analog M	1	Conga Analog M	1
64	E 3			Conga L	1	Conga Analog L	1	Conga Analog L	1	Conga Analog L	1
65	F 3			Timbale H	1						
66	F# 3			Timbale L	1						
67	G 3			Agogo H	1						
68	G# 3			Agogo L	1						
69	A 3			Cabasa	1						
70	A# 3			Maracas	1	Maracas 2	1	Maracas 2	1	Maracas 2	1
71	B 3	O		Samba Whistle H	1						
72	C 4	O		Samba Whistle L	1						
73	C# 4			Güiro Short	1						
74	D 4	O		Güiro Long	1						
75	D# 4			Claves	1	Claves 2	1	Claves 2	1	Claves 2	1
76	E 4			Wood Block H	1						
77	F 4			Wood Block L	1						
78	F# 4			Cuica Mute	1	Scratch H 2	1	Scratch H 2	1	Scratch H 2	1
79	G 4			Cuica Open	1	Scratch L 3	1	Scratch L 3	1	Scratch L 3	1
80	G# 4	2		Triangle Mute	1						
81	A 4	2		Triangle Open	1						
82	A# 4			Shaker	1						
83	B 4			Jingle Bells	1						
84	C 5			Bell Tree	1						
85	C# 5										
86	D 5										
87	D# 5										
88	E 5										
89	F 5										
90	F# 5										
91	G 5										

Same as Standard Kit  
 No sound

\* The Alternate Group is a function that prevents voices in the same group from being played simultaneously. For example, Hi-Hat Closed and Hi-Hat Open voices will not simultaneously sound in group 1.

# X G D r u m V o i c e L i s t

Bank Select MSB			127	127	127	127	127						
Bank Select LSB			0	0	0	0	0						
Pgmr (1-126)			1	29	30	33	34						
Note#	Note	Key Off	Alternate Group	Standard Kit	E	Hip Hop Kit	E	Jungle Kit	E	Jazz Kit	E	Jazz Kit 2	E
13	C#	-1	3	Surdo Mute	1								
14	D	-1	3	Surdo Open	1								
15	D#	-1		Hi Q	1								
16	E	-1		Whip Slap	1								
17	F	-1	4	Scratch H	1								
18	F#	-1	4	Scratch L	1								
19	G	-1		Finger Snap	1								
20	G#	-1		Click Noise	1								
21	A	-1		Metronome Click	1								
22	A#	-1		Metronome Bell	1								
23	B	-1		Seq Click L	1								
24	C	0		Seq Click H	1								
25	C#	0		Brush Tap	1								
26	D	0	O	Brush Swirl	1								
27	D#	0		Brush Slap	1								
28	E	0	O	Brush Tap Swirl	1								
29	F	0	O	Snare Roll	1								
30	F#	0		Castanet	1								
31	G	0		Snare Soft	1	Open Rim Shot 2 Soft	1	Rim Gate 2	1				
32	G#	0		Sticks	1								
33	A	0		Kick Soft	1	Kick Dry Soft 2	1	Kick Cough	1				
34	A#	0		Open Rim Shot	1	Open Rim Shot 2	1	Rim Gate 3	1				
35	B	0		Kick Tight	1	Kick Dim	1	Kick Zap	1				
36	C	1		Kick	1	Kick Boon	1	Kick Dawn	1	Kick Jazz	1	Kick Jazz L	1
37	C#	1		Side Stick	1	Side Stick Dry	1	Side Stick Dry	1				
38	D	1		Snare	1	Snare Dry Mute	1	Snare Tin	1			Snare H	1
39	D#	1		Hand Clap	1								
40	E	1		Snare Tight	1	Snare White	1	Snare Can	1			Snare Tight L	1
41	F	1		Floor Tom L	1	Floor Tom L Short	1	Floor Tom L Short	1	Tom Jazz 1	1	Tom Jazz 7	1
42	F#	1	1	Hi-Hat Closed	1	Hi-Hat Closed 2 H	1	Hi-Hat Closed 2 Soft	1			Hi-Hat Closed L	1
43	G	1		Floor Tom H	1	Floor Tom H Short	1	Floor Tom H Short	1	Tom Jazz 2	1	Tom Jazz 8	1
44	G#	1	1	Hi-Hat Pedal	1	Hi-Hat Pedal 2 H	1	Hi-Hat Pedal 2 Soft	1			Hi-Hat Pedal L	1
45	A	1		Low Tom	1	Low Tom Short	1	Low Tom Short	1	Tom Jazz 3	1	Tom Jazz 9	1
46	A#	1	1	Hi-Hat Open	1	Hi-Hat Open 2 L	1	Hi-Hat Open 2 Soft	1			Hi-Hat Open L	1
47	B	1		Mid Tom L	1	Mid Tom L Short	1	Mid Tom L Short	1	Tom Jazz 4	1	Tom Jazz 10	1
48	C	2		Mid Tom H	1	Mid Tom H Short	1	Mid Tom H Short	1	Tom Jazz 5	1	Tom Jazz 11	1
49	C#	2		Crash Cymbal 1	1								
50	D	2		High Tom	1	High Tom Short	1	High Tom Short	1	Tom Jazz 6	1	Tom Jazz 12	1
51	D#	2		Ride Cymbal 1	1								
52	E	2		Chinese Cymbal	1								
53	F	2		Ride Cymbal Cup	1							Ride Cymbal Cup L	1
54	F#	2		Tambourine	1								
55	G	2		Splash Cymbal	1								
56	G#	2		Cowbell	1								
57	A	2		Crash Cymbal 2	1								
58	A#	2		Vibraslap	1								
59	B	2		Ride Cymbal 2	1								
60	C	3		Bongo H	1								
61	C#	3		Bongo L	1								
62	D	3		Conga H Mute	1								
63	D#	3		Conga H Open	1								
64	E	3		Conga L	1								
65	F	3		Timbale H	1								
66	F#	3		Timbale L	1								
67	G	3		Agogo H	1								
68	G#	3		Agogo L	1								
69	A	3		Cabasa	1								
70	A#	3		Maracas	1								
71	B	3	O	Samba Whistle H	1								
72	C	4	O	Samba Whistle L	1								
73	C#	4		Güiro Short	1								
74	D	4	O	Güiro Long	1								
75	D#	4		Claves	1								
76	E	4		Wood Block H	1								
77	F	4		Wood Block L	1								
78	F#	4		Cuica Mute	1								
79	G	4		Cuica Open	1								
80	G#	4	2	Triangle Mute	1								
81	A	4	2	Triangle Open	1								
82	A#	4		Shaker	1								
83	B	4		Jingle Bells	1								
84	C	5		Bell Tree	1								
85	C#	5											
86	D	5											
87	D#	5											
88	E	5											
89	F	5											
90	F#	5											
91	G	5											

Same as Standard Kit  
 No sound

\* The Alternate Group is a function that prevents voices in the same group from being played simultaneously. For example, Hi-Hat Closed and Hi-Hat Open voices will not simultaneously sound in group 1.

X G D r u m V o i c e L i s t

**Bank Select MSB=Bank Number, LSB=000**

Bank Select MSB		127		127		127		126		126						
Bank Select LSB		0		0		0		0		0						
Pgm# (1-126)		1		41		49		1		2						
Note#	Note	Key Off	Alternate Group	Standard Kit	E	Brush Kit	E	Symphony Kit	E	SFX Kit 1	E	SFX Kit 2	E			
13	C#	-1		3		Surdo Mute	1									
14	D	-1		3		Surdo Open	1									
15	D#	-1				Hi Q	1									
16	E	-1				Whip Slap	1									
17	F	-1		4		Scratch H	1									
18	F#	-1		4		Scratch L	1									
19	G	-1				Finger Snap	1									
20	G#	-1				Click Noise	1									
21	A	-1				Metronome Click	1									
22	A#	-1				Metronome Bell	1									
23	B	-1				Seq Click L	1									
24	C	0				Seq Click H	1									
25	C#	0				Brush Tap	1									
26	D	0	O			Brush Swirl	1									
27	D#	0				Brush Slap	1									
28	E	0	O			Brush Tap Swirl	1									
29	F	0	O			Snare Roll	1									
30	F#	0				Castanet	1									
31	G	0				Snare Soft	1	Brush Slap 2	1							
32	G#	0				Sticks	1									
33	A	0				Kick Soft	1		Kick Soft 2	1						
34	A#	0				Open Kim Shot	1									
35	B	0				Kick Tight	1		Gran Cassa	1						
36	C	1				Kick	1	Kick Small	1	Gran Cassa Mute	1	Cutting Noise	1	Phone Call	1	
37	C#	1				Side Stick	1				Cutting Noise 2	2	Door Squeak	1		
38	D	1				Snare	1	Brush Slap 3	1	Band Snare	1	Distorted Cutting Noise	2	Door Slam	1	
39	D#	1				Hand Clap	1				String Slap	1	Scratch Out	1		
40	E	1				Snare Tight	1	Brush Tap 2	1	Band Snare 2	2	Bas Slide	2	Scratch H 3	2	
41	F	1				Floor Tom L	1	Tom Brush 1	1	Tom Jazz 1	1	Pick Scrape	1	Wind Chime	1	
42	F#	1	1			Hi-Hat Closed	1							Telephone Ring 2	1	
43	G	1				Floor Tom H	1	Tom Brush 2	1	Tom Jazz 2	1					
44	G#	1	1			Hi-Hat Pedal	1									
45	A	1				Low Tom	1	Tom Brush 3	1	Tom Jazz 3	1					
46	A#	1	1			Hi-Hat Open	1									
47	B	1				Mid Tom L	1	Tom Brush 4	1	Tom Jazz 4	1					
48	C	2				Mid Tom H	1	Tom Brush 5	1	Tom Jazz 5	1					
49	C#	2				Crash Cymbal 1	1				Hand Cymbal	1				
50	D	2				High Tom	1	Tom Brush 6	1	Tom Jazz 6	1					
51	D#	2				Ride Cymbal 1	1				Hand Cymbal Short	1				
52	E	2				Chinese Cymbal	1					Hute Key Click	1	Car Engine Ignition	1	
53	F	2				Ride Cymbal Cup	1							Car Tires Squeal	1	
54	F#	2				Tambourine	1							Car Passing	1	
55	G	2				Splash Cymbal	1							Car Crash	1	
56	G#	2				Cowbell	1							Siran	2	
57	A	2				Crash Cymbal 2	1				Hand Cymbal 2	1		Train	1	
58	A#	2				Vibraslap	1							Jet Plane	2	
59	B	2				Ride Cymbal 2	1				Hand Cymbal 2 Short	1		Starship	2	
60	C	3				Bongo H	1							Burst	2	
61	C#	3				Bongo L	1							Roller Coaster	2	
62	D	3				Conga H Mute	1							Submarine	2	
63	D#	3				Conga H Open	1									
64	E	3				Conga L	1									
65	F	3				Timbale H	1									
66	F#	3				Timbale L	1									
67	G	3				Agogo H	1									
68	G#	3				Agogo L	1						Shower	2	Laugh	1
69	A	3				Cabasa	1						Thunder	1	Scream	1
70	A#	3				Maracas	1						Wind	1	Punch	1
71	B	3	O			Samba Whistle H	1						Stream	2	Heart Beat	1
72	C	4	O			Samba Whistle L	1						Bubble	2	Foot Steps	1
73	C#	4				Guro Short	1						Feed	2		
74	D	4	O			Guro Long	1									
75	D#	4				Claves	1									
76	E	4				Wood Block H	1									
77	F	4				Wood Block L	1									
78	F#	4				Cuica Mute	1									
79	G	4				Cuica Open	1									
80	G#	4	2			Triangle Mute	1									
81	A	4	2			Triangle Open	1									
82	A#	4				Shaker	1									
83	B	4				Jingle Bells	1									
84	C	5				Bell Tree	1						Dog	1	Machine Gun	1
85	C#	5											Horse	1	Laser Gun	2
86	D	5											Bird Tweet 2	1	Explosion	2
87	D#	5												Firework	2	
88	E	5														
89	F	5														
90	F#	5											Ghost	2		
91	G	5											Maou	2		

Same as Standard Kit  
No sound

\* The Alternate Group is a function that prevents voices in the same group from being played simultaneously. For example, Hi-Hat Closed and Hi-Hat Open voices will not simultaneously sound in group 1.



## Effect Type List

### REVERB

Exclusive		Effect Type	Description
MSB	LSB		
00	00	NO EFFECT	Effect turned off.
01	00	HALL1	Reverb simulating the resonance of a hall.
01	01	HALL2	Reverb simulating the resonance of a hall.
02	00	ROOM1	Reverb simulating the resonance of a room.
02	01	ROOM2	Reverb simulating the resonance of a room.
02	02	ROOM3	Reverb simulating the resonance of a room.
03	00	STAGE1	Reverb appropriate for a solo instrument.
03	01	STAGE2	Reverb appropriate for a solo instrument.
04	00	PLATE	Reverb simulating a metal plate reverb unit.
10	00	WHITE ROOM	A unique short reverb with a bit of initial delay.
11	00	TUNNEL	Simulation of a tunnel space expanding to left and right.
13	00	BASEMENT	A bit of initial delay followed by reverb with a unique resonance.

### CHORUS

Exclusive		Effect Type	Description
MSB	LSB		
00	00	NO EFFECT	Effect turned off.
41	00	CHORUS1	Conventional chorus program that adds natural spaciousness.
41	01	CHORUS2	Conventional chorus program that adds natural spaciousness.
41	02	CHORUS3	Conventional chorus program that adds natural spaciousness.
41	08	CHORUS4	Chorus with stereo input. The pan setting specified for the Part will also apply to the effect sound.
42	00	CELESTE1	A 3-phase LFO adds modulation and spaciousness to the sound.
42	01	CELESTE2	A 3-phase LFO adds modulation and spaciousness to the sound.
42	02	CELESTE3	A 3-phase LFO adds modulation and spaciousness to the sound.
42	08	CELESTE4	Celeste with stereo input. The pan setting specified for the Part will also apply to the effect sound.
43	00	FLANGER1	Adds a jet-airplane effect to the sound.
43	01	FLANGER2	Adds a jet-airplane effect to the sound.
43	08	FLANGER3	Adds a jet-airplane effect to the sound.

### VARIATION

Exclusive		Effect Type	Description
MSB	LSB		
00	00	NO EFFECT	Effect turned off.
01	00	HALL1	Reverb simulating the resonance of a hall.
01	01	HALL2	Reverb simulating the resonance of a hall.
02	00	ROOM1	Reverb simulating the resonance of a room.
02	01	ROOM2	Reverb simulating the resonance of a room.
02	02	ROOM3	Reverb simulating the resonance of a room.
03	00	STAGE1	Reverb appropriate for a solo instrument.
03	01	STAGE2	Reverb appropriate for a solo instrument.
04	00	PLATE	Reverb simulating a metal plate reverb unit.
05	00	DELAY L, C, R	A program that creates three delay sounds; L, R, and C (center).
06	00	DELAY L, R	A program that creates two delay sounds; L and R. Two feedback delays are provided.
07	00	ECHO	Two delays (L and R) and independent feedback delays for L and R.
08	00	CROSS DELAY	A program that crosses the feedback of two delays.
09	00	EARLY REF1	An effect that produces only the early reflection component of reverb.
09	01	EARLY REF2	An effect that produces only the early reflection component of reverb.
0A	00	GATE REVERB	A simulation of gated reverb.
0B	00	REVERSE GATE	A program that simulates gated reverb played backwards.
14	00	KARAOKE 1	A delay with feedback of the same types as used for karaoke reverb.
14	01	KARAOKE 2	A delay with feedback of the same types as used for karaoke reverb.
14	02	KARAOKE 3	A delay with feedback of the same types as used for karaoke reverb.
41	00	CHORUS1	Conventional chorus program that adds natural spaciousness.
41	01	CHORUS2	Conventional chorus program that adds natural spaciousness.
41	02	CHORUS3	Conventional chorus program that adds natural spaciousness.
41	08	CHORUS4	Chorus with stereo input.
42	00	CELESTE1	A 3-phase LFO adds modulation and spaciousness to the sound.
42	01	CELESTE2	A 3-phase LFO adds modulation and spaciousness to the sound.
42	02	CELESTE3	A 3-phase LFO adds modulation and spaciousness to the sound.
42	08	CELESTE4	Celeste with stereo input.
43	00	FLANGER1	Adds a jet-airplane effect to the sound.
43	01	FLANGER2	Adds a jet-airplane effect to the sound.
43	08	FLANGER3	Adds a jet-airplane effect to the sound.
44	00	SYMPHONIC	A multi-phase version of CELESTE.
45	00	ROTARY SPEAKER	A simulation of a rotary speaker. You can use AC1 (assignable controller) etc. to control the speed of rotation.
46	00	TREMOLO	An effect that cyclically modulates the volume.
47	00	AUTO PAN	A program that cyclically moves that sound image to left and right, front and back.
48	00	PHASER1	Cyclically changes the phase to add modulation to the sound.
48	08	PHASER2	Phaser with stereo input.
49	00	DISTORTION	Adds a sharp-edged distortion to the sound.
4A	00	OVER DRIVE	Adds mild distortion to the sound.
4B	00	AMP SIMULATOR	A simulation of a guitar amp.
4C	00	3BAND EQ(MONO)	A mono EQ with adjustable LOW, MID, and HIGH equalizing.
4D	00	2BAND EQ(STEREO)	A stereo EQ with adjustable LOW and HIGH. Ideal for drum Parts.
4E	00	AUTO WAH(LFO)	Cyclically modulates the center frequency of a wah filter. With an AC1 etc. this can function as a pedal wah.
4D	00	THRU	Bypass without applying an effect.

\* Both MSB, LSB are hexadecimal.   \* The effect for LSB=0 is the basic type.

# Effect Parameter List

## ● Reverb Type

### HALL1,2, ROOM1,2,3, STAGE1,2, PLATE

No. *	Parameter	Range	Value	→ Tbl	Control
1	Reverb Time	0.3 - 30.0s	0-69	table#4	
2	Diffusion	0 - 10	0-10		
3	Initial Delay	0 - 63	0-63	table#5	
4	HPF Cutoff	Thru - 8.0kHz	0-52	table#3	
5	LPF Cutoff	1.0k - Thru	34-60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D<63>W - D=W - D<W63	1-127		●
11	Rev Delay	0 - 63	0-63	table#5	
12	Density	0 - 3	0-3		
13	Er/ Rev Balance	E63> R - E=R - E<R63	1-127		
14					
15	Feedback Level	-63 - +63	1-127		
16					

### WHITE ROOM, TUNNEL, BASEMENT

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

## ● Chorus Type

### CHORUS1,2,3,4, CELESTE1,2,3,4

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 - 39.7Hz	0-127	table#1	
2	LFO PM Depth	0 - 127	0-127		
3	Feedback Level	-63 - +63	1-127		
4	Delay Offset	0 - 127	0-127	table#2	
5					
6	EQ Low Frequency	50Hz - 2.0kHz	8-40	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	D<63>W - D=W - D<W63	1-127		●
11					
12					
13					
14					
15	Input Mode	mono/stereo	0-1		
16					

### FLANGER1,2,3

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 - 39.7Hz	0-127	table#1	
2	LFO Depth	0 - 127	0-127		
3	Feedback Level	-63 - +63	1-127		
4	Delay Offset	0 - 63	0-63	table#2	
5					
6	EQ Low Frequency	50Hz - 2.0kHz	8-40	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	D<63>W - D=W - D<W63	1-127		●
11					
12					
13					
14					
15					
16	LFO Phase Difference	-180 - +180deg	4-124	resolution=30deg	

## ● Variation Type

### HALL1,2, ROOM1,2,3, STAGE1,2, PLATE

No. *	Parameter	Range	Value	→ Tbl	Control
1	Reverb Time	0.3 - 30.0s	0-69	table#4	
2	Diffusion	0 - 10	0-10		
3	Initial Delay	0 - 63	0-63	table#5	
4	HPF Cutoff	Thru - 8.0kHz	0-52	table#3	
5	LPF Cutoff	1.0k - Thru	34-60	table#3	
6					
7					
8					
9					
10	Dry/Wet	D<63>W - D=W - D<W63	1-127		●
11	Rev Delay	0 - 63	0-63	table#5	
12	Density	0 - 3	0-3		
13	Er/ Rev Balance	E63> R - E=R - E<R63	1-127		
14					
15	Feedback Level	-63 - +63	1-127		
16					

### DELAY L,C,R

No. *	Parameter	Range	Value	→ Tbl	Control
1	Lch Delay	0.1 - 715.0ms	1-7150		
2	Rch Delay	0.1 - 715.0ms	1-7150		
3	Cch Delay	0.1 - 715.0ms	1-7150		
4	Feedback Delay	0.1 - 715.0ms	1-7150		
5	Feedback Level	-63 - +63	1-127		
6	Cch Level	0 - 127	0-127		
7	High Damp	0.1 - 1.0	1-10		
8					
9					
10	Dry/Wet	D<63>W - D=W - D<W63	1-127		●
11					
12					
13	EQ Low Frequency	50Hz - 2.0kHz	8-40	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 L,R

No. *	Parameter	Range	Value	→ Tbl	Control
1	Lch Delay	0.1 - 715.0ms	1-7150		
2	Rch Delay	0.1 - 715.0ms	1-7150		
3	Feedback Delay 1	0.1 - 715.0ms	1-7150		
4	Feedback Delay 2	0.1 - 715.0ms	1-7150		
5	Feedback Level	-63 - +63	1-127		
6	High Damp	0.1 - 1.0	1-10		
7					
8					
9					
10	Dry/Wet	D<63>W - D=W - D<W63	1-127		●
11					
12					
13	EQ Low Frequency	50Hz - 2.0kHz	8-40	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	Range	Value	→ Tbl	Control
1	Lch Delay1	0.1 - 355.0ms	1-3550		
2	Lch Feedback Level	-63 - +63	1-127		
3	Rch Delay1	0.1 - 355.0ms	1-3550		
4	Rch Feedback Level	-63 - +63	1-127		
5	High Damp	0.1 - 1.0	1-10		
6	Lch Delay2	0.1 - 355.0ms	1-3550		
7	Rch Delay2	0.1 - 355.0ms	1-3550		
8	Delay2 Level	0 - 127	0-127		
9					
10	Dry/Wet	D<63>W - D=W - D<W63	1-127		●
11					
12					
13	EQ Low Frequency	50Hz - 2.0kHz	8-40	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		

\* ● mark : Indicates that AC1 (Assignable Controller 1) can be used to control the parameter when VARIATION = INS.

\* No.\* : This number corresponds to the PARAMETER numbers in <Table 1-4> (> page 57)

\* →Tbl\*\* : Refer to the "Data/Value Tables" on page 13.

# Effect Parameter List

## CROSS DELAY

No. *	Parameter	Range	Value	→ Tbl	Control
1	L→R Delay	0.1 – 355.0ms	1-3550		
2	R→L Delay	0.1 – 355.0ms	1-3550		
3	Feedback Level	-63 – +63	1-127		
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		●
11					
12					
13	EQ Low Frequency	50Hz – 2.0kHz	8-40	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		

## EARLY REF1,2

No. *	Parameter	Range	Value	→ Tbl	Control
1	Type	S-H, L-H, Rdm, Rvs, Ptt, Spr	0-5		
2	Room Size	0.1 – 7.0	0-44	table#6	
3	Diffusion	0 – 10	0-10		
4	Initial Delay	0 – 63	0-63	table#5	
5	Feedback Level	-63 – +63	1-127		
6	HPF Cutoff	Thru – 8.0kHz	0-52		
7	LPF Cutoff	1.0k – Thru	34-60		
8					
9					
10	Dry/Wet	D63=W – D=W – D<W63	1-127		●
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, REVERSE GATE

No. *	Parameter	Range	Value	→ Tbl	Control
1	Type	TypeA, TypeB	0-1		
2	Room Size	0.1 – 7.0	0-44	table#6	
3	Diffusion	0 – 10	0-10		
4	Initial Delay	0 – 63	0-63	table#5	
5	Feedback Level	-63 – +63	1-127		
6	HPF Cutoff	Thru – 8.0kHz	0-52		
7	LPF Cutoff	1.0k – Thru	34-60		
8					
9					
10	Dry/Wet	D63=W – D=W – D<W63	1-127		●
11	Liveness	0 – 10	0-10		
12	Density	0 – 3	0-3		
13	High Damp	0.1 – 1.0	1-10		
14					
15					
16					

## KARAOKE1,2,3

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

## CHORUS1,2,3,4, CELESTE1,2,3,4

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	
2	LFO PM Depth	0 – 127	0-127		
3	Feedback Level	-63 – +63	1-127		
4	Delay Offset	0 – 127	0-127	table#2	
5					
6	EQ Low Frequency	50Hz – 2.0kHz	8-40	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		●
11					
12					
13					
14					
15	Input Mode	mono/stereo	0-1		
16					

## FLANGER1,2,3

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	
2	LFO Depth	0 – 127	0-127		
3	Feedback Level	-63 – +63	1-127		
4	Delay Offset	0 – 63	0-63	table#2	
5					
6	EQ Low Frequency	50Hz – 2.0kHz	8-40	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		●
11					
12					
13					
14	LFO Phase Difference	-180 – +180deg	4-124	resolution=3deg	
15					
16					

## SYMPHONIC

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	
2	LFO Depth	0 – 127	0-127		
3	Delay Offset	0 – 127	0-127	table#2	
4					
5					
6	EQ Low Frequency	50Hz – 2.0kHz	8-40	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		●
11					
12					
13					
14					
15					
16					

## ROTARY SPEAKER

No. *	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	●
2	LFO Depth	0 – 127	0-127		
3					
4					
5					
6	EQ Low Frequency	50Hz – 2.0kHz	8-40	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		
11					
12					
13					
14					
15					
16					

\* ● mark : Indicates that AC1 (Assignable Controller 1) can be used to control the parameter when VARIATION = INS.

\* No.\* : This number corresponds to the PARAMETER numbers in <Table 1-4> (-> page 57)

\* →Tbl\*\* : Refer to the "Data/Value Tables" on page 13.

## ● Variation Type

### TREMOLO

No.*	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	●
2	AM Depth	0 – 127	0-127		
3	PM Depth	0 – 127	0-127		
4					
5					
6	EO Low Frequency	50Hz – 2.0kHz	8-40	table#3	
7	EO Low Gain	-12 – +12dB	52-76		
8	EO High Frequency	500Hz – 16.0kHz	28-58	table#3	
9	EO High Gain	-12 – +12dB	52-76		
10					
11					
12					
13					
14	LFO Phase Difference	-180 – +180deg	4-124	resolution=3deg	
15	Input Mode	mono/stereo	0-1		
16					

### AUTO PAN

No.*	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 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	EO Low Frequency	50Hz – 2.0kHz	8-40	table#3	
7	EO Low Gain	-12 – +12dB	52-76		
8	EO High Frequency	500Hz – 16.0kHz	28-58	table#3	
9	EO High Gain	-12 – +12dB	52-76		
10					
11					
12					
13					
14					
15					
16					

### PHASER1,2

No.*	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	
2	LFO Depth	0 – 127	0-127		
3	Phase Shift Offset	0 – 127	0-127		
4	Feedback Level	-63 – +63	1-127		
5					
6	EO Low Frequency	50Hz – 2.0kHz	8-40	table#3	
7	EO Low Gain	-12 – +12dB	52-76		
8	EO High Frequency	500Hz – 16.0kHz	28-58	table#3	
9	EO High Gain	-12 – +12dB	52-76		
10	Dry/Wet	D63>W – D=W – D<W63	1-127		●
11	Stage	6 – 10(phaser1) / 3 – 5(phaser2)	3-10		
12	Diffusion	Mono/Stereo	0-1		
13	LFO Phase Difference	-180 – +180deg.	4-124	Phaser2 only	
14					
15					
16					

### DISTORTION, OVERDRIVE

No.*	Parameter	Range	Value	→ Tbl	Control
1	Drive	0 – 127	0-127		●
2	EO Low Frequency	50Hz – 2.0kHz	8-40	table#3	
3	EO Low Gain	-12 – +12dB	52-76		
4	LPF Cutoff	1.0k – Thru	34-60	table#3	
5	Output Level	0 – 127	0-127		
6					
7	EO Mid Frequency	500Hz – 10.0kHz	28-54	table#3	
8	EO Mid Gain	-12 – +12dB	52-76		
9	EO Mid Width	1.0 – 12.0	10-120		
10	Dry/Wet	D63>W – D=W – D<W63	1-127		
11	Edge(Clip Curve)	0 – 127	0-127	mild – sharp	
12					
13					
14					
15					
16					

### GUITAR AMP SIMULATOR

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

### 3-BAND EQ

No.*	Parameter	Range	Value	→ Tbl	Control
1	EQ Low Gain	-12 – +12dB	52-76		
2	EQ Mid Frequency	500Hz – 10.0kHz	28-54	table#3	
3	EQ Mid Gain	-12 – +12dB	52-76		
4	EQ Mid Width	1.0 – 12.0	10-120		
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					
16					

### 2-BAND EQ

No.*	Parameter	Range	Value	→ Tbl	Control
1	EQ Low Frequency	50Hz – 2.0kHz	8-40	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

No.*	Parameter	Range	Value	→ Tbl	Control
1	LFO Frequency	0.00 – 39.7Hz	0-127	table#1	
2	LFO Depth	0 – 127	0-127		●
3	Cutoff Frequency Offset	0 – 127	0-127		
4	Resonance	1.0 – 12.0	10-120		
5					
6	EO Low Frequency	50Hz – 2.0kHz	8-40	table#3	
7	EO Low Gain	-12 – +12dB	52-76		
8	EO High Frequency	500Hz – 16.0kHz	28-58	table#3	
9	EO High Gain	-12 – +12dB	52-76		
10	Dry/Wet	D63>W – D=W – D<W63	1-127		
11					
12					
13					
14					
15					
16					

\* ● mark : Indicates that AC1 (Assignable Controller 1) can be used to control the parameter when VARIATION = INS.

\* No.\* : This number corresponds to the PARAMETER numbers in <Table 1-4> (-> page 57)

\* →Tbl\*\* : Refer to the "Data/Value Tables" on page 13.

# Data/Value Tables

**Table#1**

LFO Frequency (Hz)					
Data	Value	Data	Value	Data	Value
0	0.00	43	1.81	86	5.38
1	0.04	44	1.85	87	5.55
2	0.08	45	1.89	88	5.72
3	0.13	46	1.94	89	6.06
4	0.17	47	1.98	90	6.39
5	0.21	48	2.02	91	6.73
6	0.25	49	2.06	92	7.07
7	0.29	50	2.10	93	7.40
8	0.34	51	2.15	94	7.74
9	0.38	52	2.19	95	8.08
10	0.42	53	2.23	96	8.41
11	0.46	54	2.27	97	8.75
12	0.51	55	2.31	98	9.08
13	0.55	56	2.36	99	9.42
14	0.59	57	2.40	100	9.76
15	0.63	58	2.44	101	10.10
16	0.67	59	2.48	102	10.80
17	0.72	60	2.52	103	11.40
18	0.76	61	2.57	104	12.10
19	0.80	62	2.61	105	12.80
20	0.84	63	2.65	106	13.50
21	0.88	64	2.69	107	14.10
22	0.93	65	2.78	108	14.80
23	0.97	66	2.86	109	15.50
24	1.01	67	2.94	110	16.20
25	1.05	68	3.03	111	16.80
26	1.09	69	3.11	112	17.50
27	1.14	70	3.20	113	18.20
28	1.18	71	3.28	114	19.50
29	1.22	72	3.37	115	20.90
30	1.26	73	3.45	116	22.20
31	1.30	74	3.53	117	23.60
32	1.35	75	3.62	118	24.90
33	1.39	76	3.70	119	26.20
34	1.43	77	3.87	120	27.60
35	1.47	78	4.04	121	28.90
36	1.51	79	4.21	122	30.30
37	1.56	80	4.37	123	31.60
38	1.60	81	4.54	124	33.00
39	1.64	82	4.71	125	34.30
40	1.68	83	4.88	126	37.00
41	1.72	84	5.05	127	39.00
42	1.77	85	5.22		

**Table#2**

Modulation Delay Offset (ms)					
Data	Value	Data	Value	Data	Value
0	0.00	43	4.3	86	8.6
1	0.11	44	4.4	87	8.7
2	0.22	45	4.5	88	8.8
3	0.33	46	4.6	89	8.9
4	0.44	47	4.7	90	9.0
5	0.55	48	4.8	91	9.1
6	0.66	49	4.9	92	9.2
7	0.77	50	5.0	93	9.3
8	0.88	51	5.1	94	9.4
9	0.99	52	5.2	95	9.5
10	1.10	53	5.3	96	9.6
11	1.11	54	5.4	97	9.7
12	1.22	55	5.5	98	9.8
13	1.33	56	5.6	99	9.9
14	1.44	57	5.7	100	10.0
15	1.55	58	5.8	101	11.1
16	1.66	59	5.9	102	12.2
17	1.77	60	6.0	103	13.3
18	1.88	61	6.1	104	14.4
19	1.99	62	6.2	105	15.5
20	2.00	63	6.3	106	17.1
21	2.11	64	6.4	107	18.6
22	2.22	65	6.5	108	20.2
23	2.33	66	6.6	109	21.8
24	2.44	67	6.7	110	23.3
25	2.55	68	6.8	111	24.9
26	2.66	69	6.9	112	26.5
27	2.77	70	7.0	113	28.0
28	2.88	71	7.1	114	29.6
29	2.99	72	7.2	115	31.2
30	3.00	73	7.3	116	32.8
31	3.11	74	7.4	117	34.3
32	3.22	75	7.5	118	35.9
33	3.33	76	7.6	119	37.5
34	3.44	77	7.7	120	39.0
35	3.55	78	7.8	121	40.6
36	3.66	79	7.9	122	42.2
37	3.77	80	8.0	123	43.7
38	3.88	81	8.1	124	45.3
39	3.99	82	8.2	125	46.9
40	4.00	83	8.3	126	48.4
41	4.11	84	8.4	127	50.0
42	4.22	85	8.5		

**Table#3**

EQ Frequency (Hz)			
Data	Value	Data	Value
0	THRU(20)	43	2.8k
1	22	44	3.2k
2	25	45	3.6k
3	28	46	4.0k
4	32	47	4.5k
5	36	48	5.0k
6	40	49	5.6k
7	45	50	6.3k
8	50	51	7.0k
9	56	52	8.0k
10	63	53	9.0k
11	70	54	10.0k
12	80	55	11.0k
13	90	56	12.0k
14	100	57	14.0k
15	110	58	16.0k
16	125	59	18.0k
17	140	60	THRU(20.0k)
18	160		
19	180		
20	200		
21	225		
22	250		
23	280		
24	315		
25	355		
26	400		
27	450		
28	500		
29	560		
30	630		
31	700		
32	800		
33	900		
34	1000		
35	1.1k		
36	1.2k		
37	1.4k		
38	1.6k		
39	1.8k		
40	2.0k		
41	2.2k		
42	2.5k		

**Table#4**

Reverb Time (s)					
Data	Value	Data	Value	Data	Value
0	0.3	43	4.6		
1	0.4	44	4.7		
2	0.5	45	4.8		
3	0.6	46	4.9		
4	0.7	47	5.0		
5	0.8	48	5.5		
6	0.9	49	6.0		
7	1.0	50	6.5		
8	1.1	51	7.0		
9	1.2	52	7.5		
10	1.3	53	8.0		
11	1.4	54	8.5		
12	1.5	55	9.0		
13	1.6	56	9.5		
14	1.7	57	10.0		
15	1.8	58	11.0		
16	1.9	59	12.0		
17	2.0	60	13.0		
18	2.1	61	14.0		
19	2.2	62	15.0		
20	2.3	63	16.0		
21	2.4	64	17.0		
22	2.5	65	18.0		
23	2.6	66	19.0		
24	2.7	67	20.0		
25	2.8	68	25.0		
26	2.9	69	30.0		
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					

**Table#5**

Delay Time (ms)					
Data	Value	Data	Value	Data	Value
0	0.1	43	67.8	86	135.5
1	1.7	44	137.0	87	274.0
2	3.2	45	70.9	88	138.6
3	4.8	46	72.9	89	140.2
4	6.4	47	74.1	90	141.8
5	8.0	48	75.7	91	143.3
6	9.5	49	77.2	92	144.9
7	11.1	50	78.8	93	146.5
8	12.7	51	80.4	94	148.1
9	14.3	52	81.9	95	149.6
10	15.8	53	83.5	96	151.2
11	17.4	54	85.1	97	152.8
12	19.0	55	86.7	98	154.4
13	20.6	56	88.2	99	155.9
14	22.1	57	89.8	100	157.5
15	23.7	58	91.4	101	159.1
16	25.3	59	93.0	102	160.6
17	26.9	60	94.5	103	162.2
18	28.4	61	96.1	104	163.8
19	30.0	62	97.7	105	165.4
20	31.6	63	99.3	106	166.9
21	33.2	64	100.8	107	168.5
22	34.7	65	102.4	108	170.1
23	36.3	66	104.0	109	171.7
24	37.9	67	105.6	110	173.2
25	39.5	68	107.1	111	174.8
26	41.0	69	108.7	112	176.4
27	42.6	70	110.3	113	178.0
28	44.2	71	111.9	114	179.5
29	45.7	72	113.4	115	181.1
30	47.3	73	115.0	116	182.7
31	48.9	74	116.6	117	184.3
32	50.5	75	118.2	118	185.8
33	52.0	76	119.7	119	187.4
34	53.6	77	121.3	120	189.0
35	55.2	78	122.9	121	190.6
36	56.8	79	124.4	122	192.1
37	58.3	80	126.0	123	193.7
38	59.9	81	127.6	124	195.3
39	61.5	82	129.2	125	196.9
40	63.1	83	130.7	126	198.4
41	64.6	84	132.3	127	200.0
42	66.2	85	133.9		

**Table#6**

Room Size (m)					
Data	Value	Data	Value	Data	Value
0	0.1	43	6.8		
1	0.3	44	7.0		
2	0.4				
3	0.5				
4	0.7				
5	0.9				
6	1.0				
7	1.2				
8	1.4				
9	1.5				
10	1.7				
11	1.8				
12	2.0				
13	2.1				
14	2.3				
15	2.4				
16	2.6				
17	2.8				
18	2.9				
19	3.1				
20	3.2				
21	3.4				
22	3.5				
23	3.7				
24	3.9				
25	4.0				
26	4.2				
27	4.3				
28	4.5				
29	4.6				
30	4.8				
31	5.0				
32	5.1				
33	5.3				
34	5.4				
35	5.6				
36	5.7				
37	5.9				
38	6.1				

## Preset Style List

No.	Category	Display	Full Name
000		--OFF--	OFF
001	Dance	GoaTran1	Goa Trance 1
002		GoaTran2	Goa Trance 2
003		Electro	Electro Techno
004		E-J	Electro Jungle
005		DrmnBas1	Drum & Bass 1
006		DrmnBas2	Drum & Bass 2
007		DrmnBas3	Drum & Bass 3
008		PopJngle	Pop Jungle
009		UK Tekno	U.K. Techno
010		MnTrance	Minimal Trance
011		PopTekno	Pop Techno
012		EuroTekn	Euro Techno
013		EuroBt1	Eurobeat 1
014		EuroBt2	Eurobeat 2
015		House	House
016		GroundBt	Groundbeat
017		Hip Hop	Hip Hop
018		Pop Hip	Pop Hip Hop
019		Smooth1	Smooth 1
020		Smooth2	Smooth 2
021		Rap	Rap
022		Jazz Hip	Jazz Hip Hop
023		NJ Swing	New Jack Swing
024		Disco	Disco
025		DscFunk1	Disco Funk 1
026		DscFunk2	Disco Funk 2
027		FP Funk	FP Funk
028	Rock	HardCore	Hard Core Punk
029		PsychRck	Psychedelic Rock
030		8btRock1	8-beat Rock 1
031		8btRock2	8-beat Rock 2
032		CollgeRk	College Rock
033		Mid8Rck1	Mid-tempo 8-beat Rock 1
034		Mid8Rck2	Mid-tempo 8-beat Rock 2
035		ProgreRk	Pop Progressive Rock
036		RckShuffl	Rock Shuffle
037		New Wave	New Wave Rock
038		16btRock	16-beat Rock
039		Britpop	Britpop
040		PunkRock	Punk Rock
041		Pub Rock	Pub Rock
042		HardRock	Hard Rock
043		16btHard	16-beat Hard Rock
044		AmercHR1	American Hard Rock 1
045		AmercHR2	American Hard Rock 2
046		GrungeRk	Grunge Rock
047		SpeedMtl	Speed Metal
048		HvyMetal	Heavy Metal
049		MtlBoogy	Metal Boogie
050		Thrash	Thrash Metal
051		DeathMtl	Death Metal
052		HR Balld	Hard Rock Ballad
053		6/8HrdRk	6/8 Hard Rock
054		Pop	PnoBalld
055	ArpBalld		Arpeggio Ballad
056	16btBald		16-beat Ballad
057	PopBalld		Pop Ballad
058	LatinBld		Latin Ballad
059	6/8Balld		6/8 Ballad
060	PopWaltz		Pop Waltz
061	Lite Pop		Lite Pop
062	AOR Pop		A.O.R. Pop
063	LatinPop		Latin Pop
064	Game Pop		Game Pop

No.	Category	Display	Full Name
065	Pop	PopShuffl	Pop Shuffle
066		DetroPop	Detroit Pop Shuffle
067		24bt Pop	24beat Pop
068		Fusion	Fusion
069		LiteFusn	Light Fusion
070		FunkFusn	Funk Fusion
071		JazzFunk	Jazz Funk
072		AcidJazz	Acid Jazz
073	Rhythm & Blues	JB Funk	JB Funk
074		Soul	Soul
075		R&B	R&B
076		8Detroit	8-beat Detroit Pop
077		6/8 R&B	6/8 R&B
078		BluesShf	Blues Shuffle
079		SlwBlues	Slow Blues
080		Gospel	Gospel
081	Rock & Roll	RocknRol	Rock'n' Roll
082		Rockably	Rockabilly
083		Oldies	Oldies
084		Liverpol	Liverpool Pop
085		SurfRock	Surf Rock
086	Country & Western	FolkRock	Folk Rock
087		CW Folk	Country Folk Rock
088		ContryRk	Country Rock
089		16Contry	16beat Country Rock
090		CW Balad	Country Ballad
091		CW Walz1	Country Waltz 1
092		Bluegras	Bluegrass
093	Jazz	ComboJz1	Combo Jazz 1
094		ComboJz2	Combo Jazz 2
095		Big Band	Big Band Jazz
096		JazBalld	Jazz Ballad
097		JazWaltz	Jazz Waltz
098		CoolJazz	Cool Jazz
099		AfroJazz	AfroJazz
100	Latin	Salsa	Salsa
101		Samba	Samba
102		Bossa	Bossa Nova
103		Merenge	Merengue
104		Mambo	Mambo
105		Rhumba	Rhumba
106	Son	Son	
107	Reggae	Reggae 1	Reggae 1
108		Reggae 2	Reggae 2
109		DH Regge	Dance Hall Reggae
110		LoversRk	Lovers Rock
111		Ska	Ska
112	World	Soca	Soca
113		Hi-Life	Hi-Life
114		Sowetto	Sowetto
115		Cajun	Cajun
116		Klezmer	Klezmer
117		Enka	Enka
118		Polka	Polka
119		Dixieland	Dixieland
120		Cha Cha	Cha Cha
121		Beguinn	Beguinn
122		Tango	Tango
123		Foxtrot	Foxtrot
124	CW Walz2	Slow Waltz	
125	VienaWlz	Vienna Waltz	
126	March	March	
127	6/8March	6/8 March	
128	SpaceOpr	Space Opera	

# Preset Phrase List

## Phrase Category=Da: Drum-a (Pop&Rock) Beat=16 beat

Phrase Category	Description
Da	Drum-a (Pop&Rock)
Db	Drum-b (Specific)
Fa	Drum Fill-a (Pop&Rock)
Fb	Drum Fill-b (Specific)
PC	Percussion
Ba	Bass-a (Pop&Rock)
Bb	Bass-b (Specific)
Ga	Guitar Chord-a (Pop&Rock)
Gb	Guitar Chord-b (Specific)
GR	Guitar Riff
KC	Keyboard Chord
KR	Keyboard Riff
PD	Pad
BR	Brass
SE	Sound Effects

Note: Phrases that have "I" or "E" as the last character of the Phrase Name cannot be converted to chord types.

No.	Name	No.	Name	No.	Name	No.	Name
001	Goa1 -1a	065	MnTrn-1E	129	JzHip-1b	193	Amrc2-1b
002	Goa1 -1b	066	MnTrn-2b	130	JzHip-1l	194	Amrc2-1l
003	Goa1 -1E	067	MnTrn-2E	131	JzHip-1E	195	Amrc2-1E
004	Goa1 -2a	068	PpTek-1a	132	JzHip-2a	196	Amrc2-2a
005	Goa1 -2E	069	PpTek-1c	133	JzHip-2b	197	Amrc2-2b
006	Goa2 -1a	070	PpTek-1E	134	JzHip-2c	198	Amrc2-2l
007	Goa2 -1c	071	PpTek-2a	135	JzHip-2d	199	Amrc2-2E
008	Goa2 -1l	072	PpTek-2b	136	JzHip-2l	200	16Bld-1a
009	Goa2 -1E	073	EuTek-1a	137	JzHip-2E	201	16Bld-1b
010	Goa2 -2a	074	EuTek-1l	138	NJSwn-1a	202	16Bld-1l
011	Goa2 -2l	075	EuTek-1E	139	NJSwn-1b	203	16Bld-1E
012	Goa2 -2E	076	EuTek-2a	140	NJSwn-1l	204	16Bld-2a
013	Elect-1a	077	EuTek-2c	141	NJSwn-1E	205	16Bld-2b
014	Elect-1b	078	EuTek-2E	142	NJSwn-2l	206	16Bld-2l
015	Elect-1l	079	Euro1-1a	143	NJSwn-2E	207	PopBd-1a
016	Elect-1E	080	Euro1-1E	144	Disco-1a	208	PopBd-1c
017	Elect-2a	081	Euro1-2a	145	Disco-1l	209	PopBd-1l
018	Elect-2l	082	Euro1-2l	146	Disco-1E	210	PopBd-1E
019	Elect-2E	083	Euro1-2E	147	Disco-2l	211	PopBd-2a
020	EJ -1a	084	Euro2-1a	148	Disco-2E	212	PopBd-2b
021	EJ -1E	085	Euro2-1b	149	DFnk1-1a	213	PopBd-2l
022	EJ -2a	086	Euro2-1l	150	DFnk1-1b	214	PopBd-2E
023	EJ -2b	087	Euro2-1E	151	DFnk1-1l	215	24Pop-1a
024	EJ -2E	088	Euro2-2l	152	DFnk1-1E	216	24Pop-1b
025	DrBa1-1a	089	Euro2-2E	153	DFnk1-2a	217	24Pop-1l
026	DrBa1-1b	090	House-a	154	DFnk1-2b	218	24Pop-1E
027	DrBa1-1l	091	House-b	155	DFnk1-2l	219	24Pop-2a
028	DrBa1-1E	092	House-l	156	DFnk1-2E	220	24Pop-2b
029	DrBa1-2a	093	House-E	157	DFnk2-1a	221	24Pop-2l
030	DrBa1-2b	094	GrnBt-1a	158	DFnk2-1b	222	24Pop-2E
031	DrBa1-2E	095	GrnBt-1b	159	DFnk2-1l	223	Fuson-a
032	DrBa2-1a	096	GrnBt-1E	160	DFnk2-1E	224	Fuson-b
033	DrBa2-1b	097	GrnBt-2a	161	DFnk2-2a	225	Fuson-l
034	DrBa2-1l	098	GrnBt-2b	162	DFnk2-2b	226	Fuson-E
035	DrBa2-1E	099	GrnBt-2l	163	FPFnk-a	227	LtFsn-1a
036	DrBa2-2a	100	GrnBt-2E	164	FPFnk-b	228	LtFsn-1l
037	DrBa2-2b	101	HipHp-1a	165	FPFnk-l	229	LtFsn-1E
038	DrBa2-2E	102	HipHp-1b	166	FPFnk-E	230	LtFsn-2a
039	DrBa3-1a	103	HipHp-1l	167	HdCor-1b	231	LtFsn-2b
040	DrBa3-1b	104	HipHp-1E	168	HdCor-1l	232	LtFsn-2l
041	DrBa3-1l	105	HipHp-2a	169	HdCor-1E	233	LtFsn-2E
042	DrBa3-1E	106	HipHp-2b	170	HdCor-2a	234	FnFsn-1a
043	DrBa3-2a	107	HipHp-2l	171	HdCor-2b	235	FnFsn-1b
044	DrBa3-2b	108	HipHp-2E	172	HdCor-2c	236	FnFsn-1l
045	DrBa3-2l	109	PpHip-1a	173	HdCor-2d	237	FnFsn-1E
046	DrBa3-2E	110	PpHip-1b	174	ColRk-1a	238	FnFsn-2a
047	PpJng-1a	111	PpHip-1l	175	ColRk-1b	239	FnFsn-2b
048	PpJng-1b	112	PpHip-1E	176	ColRk-1l	240	FnFsn-2l
049	PpJng-1l	113	PpHip-2a	177	ColRk-1E	241	FnFsn-2E
050	PpJng-1E	114	PpHip-2b	178	ColRk-2E	242	JzFnk-1a
051	PpJng-2a	115	PpHip-2l	179	16Rck-1a	243	JzFnk-1b
052	PpJng-2l	116	PpHip-2E	180	16Rck-1b	244	JzFnk-1l
053	PpJng-2E	117	Smth1-1a	181	16Rck-1l	245	JzFnk-1E
054	UKTek-1a	118	Smth1-1b	182	16Rck-1E	246	JzFnk-2E
055	UKTek-1b	119	Smth1-1l	183	16Rck-2a	247	AcJz-a
056	UKTek-1l	120	Smth1-1E	184	16Hrd-1a	248	AcJz-b
057	UKTek-1E	121	Smth1-2b	185	16Hrd-1b	249	AcJz-l
058	UKTek-2a	122	Smth2-1a	186	16Hrd-1l	250	AcJz-E
059	UKTek-2b	123	Smth2-1b	187	16Hrd-1E		
060	UKTek-2l	124	Smth2-1l	188	16Hrd-2a		
061	UKTek-2E	125	Smth2-1E	189	16Hrd-2b		
062	MnTrn-1a	126	Smth2-2b	190	16Hrd-2l		
063	MnTrn-1c	127	Smth2-2E	191	16Hrd-2E		
064	MnTrn-1l	128	JzHip-1a	192	Amrc2-1a		

**Phrase Category=Da: Drum-a (Pop&Rock)  
Beat=8 beat**

**Beat=3/4 beat**

No.	Name	No.	Name	No.	Name
001	Rap -1a	065	HdRck-1a	129	PnoBd-1E
002	Rap -1b	066	HdRck-1b	130	PnoBd-2a
003	Rap -1l	067	HdRck-1l	131	PnoBd-2b
004	Rap -1E	068	HdRck-1E	132	PnoBd-2l
005	Rap -2b	069	HdRck-2a	133	PnoBd-2E
006	Rap -2l	070	HdRck-2c	134	ArpBd-a
007	Rap -2E	071	HdRck-2E	135	ArpBd-b
008	PsyRk-1a	072	Amrc1-a	136	ArpBd-l
009	PsyRk-1b	073	Amrc1-b	137	ArpBd-E
010	PsyRk-1l	074	Amrc1-l	138	LtnBd-a
011	PsyRk-1E	075	Amrc1-E	139	LtnBd-b
012	PsyRk-2a	076	Grnge-1a	140	LtnBd-c
013	PsyRk-2b	077	Grnge-1b	141	LtnBd-l
014	PsyRk-2l	078	Grnge-1l	142	LtnBd-E
015	PsyRk-2E	079	Grnge-1E	143	6/8Bd-1a
016	8Rck1-a	080	Grnge-2b	144	6/8Bd-1b
017	8Rck1-b	081	Grnge-2l	145	6/8Bd-1l
018	8Rck1-l	082	Grnge-2E	146	6/8Bd-1E
019	8Rck1-E	083	Speed-1a	147	6/8Bd-2l
020	8Rck2-a	084	Speed-1b	148	6/8Bd-2E
021	8Rck2-b	085	Speed-1l	149	LiteP-a
022	8Rck2-l	086	Speed-1E	150	LiteP-b
023	8Rck2-E	087	Speed-2a	151	LiteP-l
024	MdRk1-a	088	Speed-2b	152	LiteP-E
025	MdRk1-l	089	Speed-2l	153	AOR -a
026	MdRk1-E	090	Speed-2E	154	AOR -b
027	MdRk2-1a	091	HMetl-a	155	AOR -l
028	MdRk2-1b	092	HMetl-b	156	AOR -E
029	MdRk2-1l	093	HMetl-l	157	LtnPp-1a
030	MdRk2-1E	094	HMetl-E	158	LtnPp-1b
031	MdRk2-2a	095	MtBgy-1a	159	LtnPp-1l
032	MdRk2-2b	096	MtBgy-1l	160	LtnPp-1E
033	MdRk2-2l	097	MtBgy-1E	161	LtnPp-2a
034	MdRk2-2E	098	MtBgy-2a	162	LtnPp-2b
035	PrgRk-1a	099	MtBgy-2b	163	LtnPp-2l
036	PrgRk-1b	100	MtBgy-2l	164	LtnPp-2E
037	PrgRk-1l	101	MtBgy-2E	165	Game -a
038	PrgRk-1E	102	Thrsh-1a	166	Game -b
039	PrgRk-2a	103	Thrsh-1b	167	Game -l
040	PrgRk-2b	104	Thrsh-1l	168	Game -E
041	PrgRk-2l	105	Thrsh-1E	169	PpShf-a
042	PrgRk-2E	106	Thrsh-2a	170	PpShf-b
043	RkShf-1a	107	Thrsh-2b	171	PpShf-l
044	RkShf-1b	108	Thrsh-2l	172	PpShf-E
045	RkShf-1E	109	Thrsh-2E	173	DtrPp-a
046	RkShf-2a	110	Death-1a	174	DtrPp-b
047	RkShf-2b	111	Death-1b	175	DtrPp-l
048	RkShf-2l	112	Death-1l	176	DtrPp-E
049	RkShf-2E	113	Death-1E		
050	NewWv-a	114	Death-2a		
051	NewWv-b	115	Death-2b		
052	NewWv-l	116	Death-2l		
053	NewWv-E	117	Death-2E		
054	Brtp-1a	118	HdBld-a		
055	Brtp-1E	119	HdBld-b		
056	Brtp-2l	120	HdBld-l		
057	Punk -a	121	HdBld-E		
058	Punk -b	122	6/8HR-a		
059	Punk -l	123	6/8HR-b		
060	Punk -E	124	6/8HR-l		
061	PubRk-a	125	6/8HR-E		
062	PubRk-b	126	PnoBd-1a		
063	PubRk-l	127	PnoBd-1b		
064	PubRk-E	128	PnoBd-1l		

No.	Name
001	PpWiz-a
002	PpWiz-b
003	PpWiz-l
004	PpWiz-E



Phrase Category=Db: Drum-b (Specific)

Beat=16 beat

Beat=8 beat

Beat=3/4 beat

No.	Name	No.	Name
001	JBFnk-a	065	Rege1-1E
002	JBFnk-b	066	Rege1-2I
003	JBFnk-l	067	Rege1-2E
004	JBFnk-E	068	DHReg-1a
005	Soul -1a	069	DHReg-1b
006	Soul -1b	070	DHReg-1I
007	Soul -1I	071	DHReg-1E
008	Soul -1E	072	DHReg-2a
009	Soul -2a	073	DHReg-2b
010	Soul -2c	074	DHReg-2E
011	Soul -2E	075	Lovrs-1a
012	CFolk-1b	076	Lovrs-1I
013	CFolk-1E	077	Lovrs-1E
014	CFolk-2a	078	Lovrs-2a
015	CFolk-2E	079	Lovrs-2b
016	16Cnt-a	080	Lovrs-2I
017	16Cnt-b	081	Lovrs-2E
018	16Cnt-l	082	Soca -1a
019	16Cnt-E	083	Soca -1b
020	AfrJz-1a	084	Soca -1I
021	AfrJz-1b	085	Soca -1E
022	AfrJz-1I	086	Soca -2a
023	AfrJz-1E	087	Soca -2I
024	AfrJz-2I	088	Soca -2E
025	AfrJz-2E	089	HLife-1a
026	Salsa-a	090	HLife-1b
027	Salsa-b	091	HLife-1I
028	Salsa-l	092	HLife-1E
029	Salsa-E	093	HLife-2a
030	Samba-1a	094	HLife-2b
031	Samba-1b	095	HLife-2I
032	Samba-1I	096	HLife-2E
033	Samba-1E	097	Sowet-1a
034	Samba-2a	098	Sowet-1b
035	Samba-2b	099	Sowet-1I
036	Samba-2I	100	Sowet-1E
037	Samba-2E	101	Sowet-2a
038	Merng-1a	102	Sowet-2b
039	Merng-1b	103	Sowet-2I
040	Merng-1I	104	Sowet-2E
041	Merng-1E	105	Cajun-a
042	Merng-2a	106	Cajun-b
043	Merng-2b	107	Cajun-l
044	Merng-2I	108	Cajun-E
045	Merng-2E		
046	Mambo-1a		
047	Mambo-1b		
048	Mambo-1I		
049	Mambo-1E		
050	Mambo-2a		
051	Mambo-2b		
052	Mambo-2I		
053	Mambo-2E		
054	Son -1a		
055	Son -1b		
056	Son -1E		
057	Son -2a		
058	Son -2b		
059	Son -2c		
060	Son -2d		
061	Son -2E		
062	Rege1-1a		
063	Rege1-1b		
064	Rege1-1I		

No.	Name	No.	Name	No.	Name	No.	Name
001	R&B -a	065	CBald-b	129	Klzmr-2E		
002	R&B -b	066	CBald-l	130	Enka -a		
003	R&B -I	067	CBald-E	131	Enka -b		
004	R&B -E	068	Blgrs-a	132	Enka -I		
005	8Dtro-1a	069	Blgrs-E	133	Enka -E		
006	8Dtro-1b	070	Comb1-1a	134	Polka-1a		
007	8Dtro-1I	071	Comb1-1b	135	Polka-1I		
008	8Dtro-1E	072	Comb1-1I	136	Polka-1E		
009	8Dtro-2a	073	Comb1-1E	137	Polka-2a		
010	8Dtro-2b	074	Comb1-2a	138	Polka-2b		
011	8Dtro-2I	075	Comb1-2b	139	Polka-2I		
012	8Dtro-2E	076	Comb1-2I	140	Polka-2E		
013	6/8RB-1a	077	Comb1-2E	141	Dixie-1a		
014	6/8RB-1b	078	Comb2-a	142	Dixie-1b		
015	6/8RB-1I	079	Comb2-b	143	Dixie-1I		
016	6/8RB-1E	080	Comb2-l	144	Dixie-1E		
017	6/8RB-2a	081	Comb2-E	145	Dixie-2a		
018	6/8RB-2b	082	BgBnd-a	146	Dixie-2b		
019	6/8RB-2E	083	BgBnd-b	147	ChaCh-1a		
020	BluSh-a	084	BgBnd-l	148	ChaCh-1I		
021	BluSh-b	085	BgBnd-E	149	ChaCh-1E		
022	BluSh-l	086	JzBlid-1a	150	ChaCh-2a		
023	BluSh-E	087	JzBlid-1b	151	ChaCh-2b		
024	SIBlu-a	088	JzBlid-1I	152	ChaCh-2I		
025	SIBlu-b	089	JzBlid-1E	153	ChaCh-2E		
026	SIBlu-l	090	JzBlid-2I	154	Begin-1a		
027	SIBlu-E	091	JzBlid-2E	155	Begin-1b		
028	Gospl-a	092	ColJz-1a	156	Begin-1I		
029	Gospl-b	093	ColJz-1b	157	Begin-1E		
030	Gospl-l	094	ColJz-1I	158	Begin-2a		
031	Gospl-E	095	ColJz-1E	159	Begin-2b		
032	RkRol-a	096	ColJz-2b	160	Begin-2I		
033	RkRol-b	097	ColJz-2I	161	Begin-2E		
034	RkRol-l	098	ColJz-2E	162	Tango-1a		
035	RkRol-E	099	Bossa-1a	163	Tango-1b		
036	Rkbyl-1a	100	Bossa-1b	164	Tango-1E		
037	Rkbyl-1b	101	Bossa-1I	165	Tango-2b		
038	Rkbyl-1E	102	Bossa-1E	166	Tango-2I		
039	Rkbyl-2a	103	Bossa-2a	167	Tango-2E		
040	Rkbyl-2b	104	Bossa-2b	168	Foxtr-1a		
041	Rkbyl-2I	105	Bossa-2I	169	Foxtr-1b		
042	Rkbyl-2E	106	Bossa-2E	170	Foxtr-1I		
043	Oldis-a	107	Rumba-1a	171	Foxtr-1E		
044	Oldis-E	108	Rumba-1b	172	Foxtr-2a		
045	Liver-a	109	Rumba-1I	173	Foxtr-2b		
046	Liver-b	110	Rumba-1E	174	Foxtr-2I		
047	Liver-l	111	Rumba-2a	175	March-1a		
048	Liver-E	112	Rumba-2b	176	March-1b		
049	Surf -a	113	Rumba-2I	177	March-1I		
050	Surf -b	114	Rege2-1a	178	March-1E		
051	Surf -I	115	Rege2-1I	179	March-2a		
052	Surf -E	116	Rege2-1E	180	March-2b		
053	FokRk-1a	117	Rege2-2a	181	68Mrc-1a		
054	FokRk-1b	118	Rege2-2c	182	68Mrc-1b		
055	FokRk-1I	119	Rege2-2E	183	68Mrc-1I		
056	FokRk-1E	120	Ska -a	184	68Mrc-1E		
057	FokRk-2a	121	Ska -b	185	68Mrc-2a		
058	FokRk-2b	122	Ska -I	186	68Mrc-2b		
059	FokRk-2I	123	Ska -E	187	68Mrc-2I		
060	FokRk-2E	124	Klzmr-1a	188	68Mrc-2E		
061	CntRk-a	125	Klzmr-1b	189	SpOpr-1a		
062	CntRk-b	126	Klzmr-1I	190	SpOpr-1b		
063	CntRk-l	127	Klzmr-1E	191	SpOpr-1I		
064	CBald-a	128	Klzmr-2b	192	SpOpr-2a		

No.	Name
001	CWalz-a
002	CWalz-b
003	CWalz-l
004	CWalz-E
005	JaWlz-a
006	JaWlz-b
007	JaWlz-l
008	JaWlz-E
009	SIWlz-a
010	SIWlz-b
011	SIWlz-l
012	SIWlz-E
013	VnWlz-1a
014	VnWlz-1b
015	VnWlz-1I
016	VnWlz-1E
017	VnWlz-2a
018	VnWlz-2b

**Phrase Category=Fa: Drum Fill-a (Pop&Rock)**

**Beat=16 beat**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name	No.	Name
001	Goa1 -1c	065	DFnk1-1c
002	Goa1 -1d	066	DFnk1-1d
003	Goa1 -2c	067	DFnk1-2c
004	Goa1 -2d	068	DFnk1-2d
005	Goa2 -1d	069	DFnk2-1c
006	Goa2 -2c	070	DFnk2-1d
007	Goa2 -2d	071	FPFnk-c
008	Elect-1c	072	FPFnk-d
009	Elect-1d	073	HdCor-1c
010	Elect-2c	074	HdCor-1d
011	Elect-2d	075	ColRk-1c
012	EJ -1c	076	ColRk-1d
013	EJ -1d	077	ColRk-2c
014	EJ -2d	078	ColRk-2d
015	DrBa1-1c	079	16Rck-1c
016	DrBa1-1d	080	16Rck-1d
017	DrBa2-1c	081	16Hrd-1c
018	DrBa2-1d	082	16Hrd-1d
019	DrBa2-2c	083	16Hrd-2c
020	DrBa2-2d	084	16Hrd-2d
021	DrBa3-1c	085	Amrc2-1c
022	DrBa3-1d	086	Amrc2-1d
023	DrBa3-2d	087	Amrc2-2c
024	PpJng-1c	088	Amrc2-2d
025	PpJng-1d	089	16Bld-1d
026	UKTek-1c	090	16Bld-2c
027	UKTek-1d	091	16Bld-2d
028	UKTek-2c	092	PopBd-2c
029	UKTek-2d	093	PopBd-2d
030	MnTrn-1d	094	24Pop-1c
031	MnTrn-2d	095	24Pop-1d
032	PpTek-1d	096	24Pop-2c
033	PpTek-2c	097	24Pop-2d
034	PpTek-2d	098	Fuson-c
035	EuTek-1c	099	Fuson-d
036	EuTek-1d	100	LtFsn-1c
037	Euro1-1c	101	LtFsn-1d
038	Euro1-1d	102	LtFsn-2c
039	Euro1-2c	103	LtFsn-2d
040	Euro2-2c	104	FnFsn-1c
041	Euro2-2d	105	FnFsn-1d
042	House-c	106	FnFsn-2c
043	House-d	107	FnFsn-2d
044	GrnBt-1c	108	JzFnk-1c
045	GrnBt-1d	109	JzFnk-1d
046	GrnBt-2c	110	AcJz-c
047	GrnBt-2d	111	AcJz-d
048	HipHp-1c		
049	HipHp-1d		
050	HipHp-2c		
051	HipHp-2d		
052	PpHip-1c		
053	PpHip-1d		
054	PpHip-2c		
055	PpHip-2d		
056	Smth1-1c		
057	Smth1-1d		
058	Smth2-1c		
059	JzHip-1c		
060	JzHip-1d		
061	NJSwn-1c		
062	NJSwn-2c		
063	Disco-1c		
064	Disco-1d		

No.	Name	No.	Name
001	Rap -1c	065	PnoBd-1c
002	Rap -1d	066	PnoBd-1d
003	Rap -2c	067	PnoBd-2c
004	Rap -2d	068	PnoBd-2d
005	PsyRk-1c	069	ArpBd-c
006	PsyRk-1d	070	ArpBd-d
007	PsyRk-2c	071	LtnBd-d
008	PsyRk-2d	072	6/8Bd-1c
009	8Rck1-c	073	6/8Bd-1d
010	8Rck1-d	074	LiteP-c
011	8Rck2-c	075	LiteP-d
012	8Rck2-d	076	AOR -c
013	MdRk1-c	077	AOR -d
014	MdRk1-d	078	LtnPp-1c
015	MdRk2-1c	079	LtnPp-1d
016	MdRk2-1d	080	LtnPp-2c
017	MdRk2-2c	081	LtnPp-2d
018	MdRk2-2d	082	Game -c
019	PrgRk-1c	083	Game -d
020	PrgRk-1d	084	PpShf-c
021	PrgRk-2c	085	PpShf-d
022	PrgRk-2d	086	DtrPp-c
023	RkShf-1c	087	DtrPp-d
024	RkShf-2c		
025	RkShf-1d		
026	RkShf-2d		
027	NewWv-c		
028	NewWv-d		
029	Brtpp-1c		
030	Brtpp-1d		
031	Punk -c		
032	Punk -d		
033	PubRk-c		
034	PubRk-d		
035	HdRck-1c		
036	HdRck-1d		
037	Amrc1-c		
038	Amrc1-d		
039	Grnge-1c		
040	Grnge-1d		
041	Grnge-2c		
042	Grnge-2d		
043	Speed-1c		
044	Speed-1d		
045	Speed-2c		
046	Speed-2d		
047	HMet-c		
048	HMet-d		
049	MtBgy-1c		
050	MtBgy-1d		
051	MtBgy-2c		
052	MtBgy-2d		
053	Thrsh-1c		
054	Thrsh-1d		
055	Thrsh-2c		
056	Thrsh-2d		
057	Death-1c		
058	Death-1d		
059	Death-2c		
060	Death-2d		
061	HdBld-c		
062	HdBld-d		
063	6/8HR-c		
064	6/8HR-d		

No.	Name
001	PpWlz-c
002	PpWlz-d

**Phrase Category=Fb: Drum Fill-b (Specific)**

**Beat=16 beat**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name
001	JBFnk-c
002	JBFnk-d
003	Soul -1c
004	Soul -1d
005	CFolk-1c
006	CFolk-1d
007	16Cnt-c
008	16Cnt-d
009	AfrJz-1c
010	AfrJz-1d
011	AfrJz-2c
012	AfrJz-2d
013	Salsa-c
014	Salsa-d
015	Samba-1c
016	Samba-1d
017	Samba-2c
018	Samba-2d
019	Merng-1c
020	Merng-1d
021	Merng-2c
022	Merng-2d
023	Mambo-1c
024	Mambo-1d
025	Mambo-2c
026	Mambo-2d
027	Son -1c
028	Son -1d
029	Rege1-1c
030	Rege1-1d
031	Rege1-2c
032	Rege1-2d
033	DHReg-1c
034	DHReg-1d
035	DHReg-2d
036	Lovrs-1c
037	Lovrs-1d
038	Lovrs-2c
039	Lovrs-2d
040	Soca -1c
041	Soca -1d
042	Soca -2c
043	Soca -2d
044	HLife-1c
045	HLife-1d
046	HLife-2c
047	HLife-2d
048	Sowet-1c
049	Sowet-1d
050	Sowet-2c
051	Sowet-2d
052	Cajun-c
053	Cajun-d

No.	Name	No.	Name
001	R&B -c	065	Enka -d
002	R&B -d	066	Polka-1c
003	8Dtro-1c	067	Polka-1d
004	8Dtro-1d	068	Polka-2d
005	8Dtro-2c	069	Dixie-1c
006	8Dtro-2d	070	Dixie-1d
007	6/8RB-1c	071	ChaCh-1c
008	6/8RB-1d	072	ChaCh-1d
009	BluSh-c	073	ChaCh-2d
010	BluSh-d	074	Begin-1c
011	SiBlu-c	075	Begin-1d
012	SiBlu-d	076	Begin-2c
013	Gospl-c	077	Begin-2d
014	Gospl-d	078	Tango-1c
015	RkRol-c	079	Tango-1d
016	RkRol-d	080	Tango-2d
017	Rkbly-1c	081	Foxt-1c
018	Rkbly-1d	082	Foxt-1d
019	Rkbly-2c	083	March-1c
020	Oldis-c	084	March-1d
021	Liver-c	085	68Mrc-1c
022	Liver-d	086	68Mrc-1d
023	Surf -c	087	68Mrc-2c
024	Surf -d	088	68Mrc-2d
025	FokRk-1c	089	SpOpr-1c
026	FokRk-1d	090	SpOpr-1d
027	FokRk-2c		
028	FokRk-2d		
029	CntRk-c		
030	CntRk-d		
031	CBald-c		
032	CBald-d		
033	Blgrs-c		
034	Blgrs-d		
035	Comb1-1c		
036	Comb1-2c		
037	Comb1-2d		
038	Comb2-c		
039	Comb2-d		
040	BgBnd-c		
041	BgBnd-d		
042	JzBlid-1c		
043	JzBlid-1d		
044	JzBlid-2c		
045	ColJz-1c		
046	ColJz-1d		
047	ColJz-2c		
048	ColJz-2d		
049	Bossa-1c		
050	Bossa-1d		
051	Bossa-2c		
052	Bossa-2d		
053	Rumba-1c		
054	Rumba-1d		
055	Rumba-2c		
056	Rumba-2d		
057	Rege2-1c		
058	Rege2-1d		
059	Ska -c		
060	Ska -d		
061	Kizmr-1c		
062	Kizmr-1d		
063	Kizmr-2d		
064	Enka -c		

No.	Name
001	CWalz-c
002	CWalz-d
003	JaWlz-c
004	JaWlz-d
005	SIWlz-c
006	SIWlz-d
007	VnWlz-1c
008	VnWlz-1d

Phrase Category=PC: Percussion

Beat=16 beat

No.	Name	No.	Name	No.	Name
001	Goa1 -b	065	NJSwn-a	129	Salsa-E
002	Goa1 -d	066	NJSwn-c	130	Samba-a
003	Goa2 -a	067	NJSwn-l	131	Samba-b
004	Goa2 -c	068	NJSwn-E	132	Samba-c
005	Goa2 -d	069	HdCor-a	133	Samba-l
006	Goa2 -l	070	HdCor-b	134	Samba-E
007	Goa2 -E	071	HdCor-c	135	Merng-a
008	Elect-a	072	HdCor-d	136	Merng-c
009	Elect-b	073	HdCor-l	137	Merng-d
010	Elect-c	074	HdCor-E	138	Merng-l
011	Elect-d	075	ColRk-a	139	Merng-E
012	Elect-E	076	ColRk-b	140	Mambo-a
013	EJ -a	077	ColRk-c	141	Mambo-c
014	EJ -b	078	ColRk-d	142	Mambo-d
015	EJ -c	079	ColRk-l	143	Mambo-l
016	EJ -d	080	ColRk-E	144	Mambo-E
017	EJ -l	081	PopBd-a	145	Son -a
018	EJ -E	082	PopBd-c	146	Son -b
019	DrBa1-a	083	PopBd-l	147	Son -c
020	DrBa1-c	084	PopBd-E	148	Son -d
021	DrBa1-E	085	24Pop-a	149	Son -l
022	DrBa2-a	086	24Pop-b	150	Son -E
023	DrBa2-b	087	24Pop-l	151	Rege1-a
024	DrBa2-c	088	24Pop-E	152	Rege1-b
025	DrBa2-d	089	Fuson-b	153	Rege1-c
026	DrBa2-l	090	Fuson-d	154	Rege1-d
027	DrBa2-E	091	LtFsn-a	155	Rege1-l
028	DrBa3-b	092	LtFsn-b	156	Rege1-E
029	DrBa3-c	093	LtFsn-c	157	DHReg-a
030	DrBa3-d	094	LtFsn-d	158	DHReg-c
031	DrBa3-l	095	LtFsn-E	159	DHReg-l
032	DrBa3-E	096	FnFsn-a	160	DHReg-E
033	PpJng-E	097	FnFsn-b	161	Lovrs-a
034	UKTek-c	098	FnFsn-c	162	Lovrs-b
035	UKTek-l	099	FnFsn-l	163	Lovrs-d
036	PpTek-c	100	JzFnk-b	164	Lovrs-l
037	PpTek-E	101	JzFnk-c	165	Lovrs-E
038	EuTek-b	102	JzFnk-d	166	Soca -a
039	EuTek-c	103	JzFnk-l	167	Soca -b
040	EuTek-d	104	JzFnk-E	168	Soca -c
041	EuTek-l	105	AcJz-a	169	Soca -d
042	EuTek-E	106	AcJz-b	170	Soca -E
043	Euro1-b	107	AcJz-d	171	HLife-a
044	Euro1-d	108	AcJz-l	172	HLife-b
045	Euro1-l	109	AcJz-E	173	HLife-c
046	Euro1-E	110	Soul -a	174	HLife-d
047	Euro2-a	111	Soul -b	175	HLife-l
048	Euro2-l	112	Soul -c	176	HLife-E
049	House-a	113	Soul -E	177	Sowet-a
050	House-E	114	CFolk-a	178	Sowet-b
051	GrnBt-a	115	CFolk-E	179	Sowet-c
052	GrnBt-c	116	16Cnt-a	180	Sowet-d
053	GrnBt-E	117	16Cnt-E	181	Sowet-l
054	Smth1-b	118	AfrJz-a	182	Sowet-E
055	Smth2-a	119	AfrJz-b	183	Cajun-a
056	Smth2-b	120	AfrJz-c	184	Cajun-b
057	Smth2-l	121	AfrJz-d	185	Cajun-c
058	Smth2-E	122	AfrJz-l	186	Cajun-d
059	JzHip-a	123	AfrJz-E	187	Cajun-l
060	JzHip-b	124	Salsa-a	188	Cajun-E
061	JzHip-c	125	Salsa-b		
062	JzHip-d	126	Salsa-c		
063	JzHip-l	127	Salsa-d		
064	JzHip-E	128	Salsa-l		

Beat=8 beat

No.	Name	No.	Name
001	Rap -a	065	Blgrs-d
002	Rap -E	066	Blgrs-l
003	PsyRk-a	067	Blgrs-E
004	PsyRk-E	068	ColJz-b
005	8Rck2-a	069	ColJz-E
006	8Rck2-b	070	Bossa-a
007	8Rck2-c	071	Bossa-b
008	8Rck2-d	072	Bossa-c
009	8Rck2-E	073	Bossa-d
010	MdRk1-b	074	Bossa-E
011	MdRk1-E	075	Rumba-a
012	RkShf-a	076	Rumba-b
013	RkShf-b	077	Rumba-c
014	RkShf-l	078	Rumba-d
015	RkShf-E	079	Rege2-a
016	HdRck-a	080	Rege2-c
017	HdRck-c	081	Rege2-l
018	HdRck-E	082	Rege2-E
019	MtBgy-b	083	Klzmr-b
020	LtnBd-a	084	Klzmr-d
021	LtnBd-b	085	Klzmr-E
022	LtnBd-c	086	Enka -b
023	LtnBd-d	087	Enka -d
024	LtnBd-l	088	Enka -l
025	LtnBd-E	089	Polka-d
026	AOR -a	090	ChaCh-a
027	AOR -b	091	ChaCh-b
028	AOR -c	092	ChaCh-c
029	AOR -d	093	ChaCh-d
030	AOR -l	094	ChaCh-l
031	AOR -E	095	ChaCh-E
032	LtnPp-a	096	Begin-a
033	LtnPp-b	097	Begin-b
034	LtnPp-d	098	Begin-c
035	LtnPp-l	099	Begin-l
036	LtnPp-E	100	Begin-E
037	DtrPp-a	101	Tango-a
038	DtrPp-b	102	Tango-b
039	DtrPp-l	103	Tango-c
040	DtrPp-E	104	Tango-d
041	SIBlu-l	105	Tango-l
042	SIBlu-E	106	Tango-E
043	Gospl-a	107	Foxtr-a
044	Gospl-b	108	Foxtr-b
045	Gospl-c	109	Foxtr-c
046	Gospl-d	110	Foxtr-E
047	Gospl-l	111	SpOpr-a
048	Gospl-E	112	SpOpr-b
049	Rkbly-a	113	SpOpr-d
050	Rkbly-c	114	SpOpr-l
051	Rkbly-E	115	SpOpr-E
052	Oldis-a		
053	Oldis-c		
054	Oldis-E		
055	FokRk-b		
056	FokRk-d		
057	FokRk-l		
058	FokRk-E		
059	CntRk-a		
060	CntRk-d		
061	CntRk-l		
062	Blgrs-a		
063	Blgrs-b		
064	Blgrs-c		

Beat=3/4 beat

No.	Name
001	CWalz-a
002	CWalz-b
003	CWalz-c
004	CWalz-d
005	CWalz-l

Phrase Category=Ba: Bass-a (Pop&Rock)

Beat=16 beat

No.	Name	No.	Name	No.	Name
001	Goa1 -a	065	PpHip-a	129	16Rck-E
002	Goa1 -b	066	PpHip-b	130	16Hrd-a
003	Goa1 -c	067	PpHip-c	131	16Hrd-b
004	Goa1 -d	068	PpHip-d	132	16Hrd-c
005	Goa1 -l	069	PpHip-E	133	16Hrd-d
006	Goa1 -E	070	Smth1-a	134	16Hrd-l
007	Goa2 -a	071	Smth1-c	135	16Hrd-E
008	Goa2 -c	072	Smth1-d	136	Amrc2-a
009	Goa2 -d	073	Smth1-l	137	Amrc2-b
010	Goa2 -l	074	Smth1-E	138	Amrc2-c
011	Goa2 -E	075	Smth2-a	139	Amrc2-d
012	Elect-a	076	Smth2-b	140	Amrc2-l
013	Elect-b	077	Smth2-c	141	Amrc2-E
014	Elect-l	078	Smth2-d	142	16Bld-a
015	Elect-E	079	Smth2-l	143	16Bld-b
016	EJ -a	080	Smth2-E	144	16Bld-c
017	EJ -b	081	JzHip-a	145	16Bld-d
018	EJ -c	082	JzHip-b	146	16Bld-l
019	EJ -d	083	JzHip-c	147	16Bld-E
020	EJ -l	084	JzHip-d	148	PopBd-a
021	EJ -E	085	JzHip-l	149	PopBd-b
022	DrBa1-a	086	JzHip-E	150	PopBd-c
023	DrBa1-c	087	NJSwn-a	151	PopBd-l
024	DrBa1-l	088	NJSwn-c	152	PopBd-E
025	DrBa1-E	089	NJSwn-l	153	24Pop-a
026	DrBa2-a	090	NJSwn-E	154	24Pop-b
027	DrBa2-d	091	Disco-a	155	24Pop-c
028	DrBa2-l	092	Disco-c	156	24Pop-d
029	DrBa2-E	093	Disco-d	157	24Pop-l
030	DrBa3-a	094	Disco-l	158	24Pop-E
031	DrBa3-b	095	Disco-E	159	Fuson-a
032	DrBa3-c	096	DFnk1-a	160	Fuson-c
033	DrBa3-l	097	DFnk1-b	161	Fuson-d
034	DrBa3-E	098	DFnk1-c	162	Fuson-l
035	PpJng-a	099	DFnk1-d	163	Fuson-E
036	PpJng-b	100	DFnk1-l	164	LfFsn-a
037	PpJng-l	101	DFnk1-E	165	LfFsn-c
038	PpJng-E	102	DFnk2-a	166	LfFsn-d
039	UKTek-a	103	DFnk2-b	167	LfFsn-l
040	UKTek-b	104	DFnk2-d	168	LfFsn-E
041	UKTek-d	105	DFnk2-l	169	FnFsn-a
042	UKTek-E	106	DFnk2-E	170	FnFsn-b
043	PpTek-a	107	FPFnk-a	171	FnFsn-c
044	PpTek-d	108	FPFnk-b	172	FnFsn-d
045	PpTek-l	109	FPFnk-c	173	FnFsn-l
046	PpTek-E	110	FPFnk-d	174	FnFsn-E
047	EuTek-a	111	FPFnk-l	175	JzFnk-a
048	Euro1-a	112	FPFnk-E	176	JzFnk-b
049	Euro2-a	113	HdCor-a	177	JzFnk-c
050	Euro2-b	114	HdCor-b	178	JzFnk-d
051	Euro2-l	115	HdCor-c	179	JzFnk-l
052	Euro2-E	116	HdCor-d	180	JzFnk-E
053	House-a	117	HdCor-l	181	AcJz-a
054	House-c	118	HdCor-E	182	AcJz-b
055	House-d	119	ColRk-a	183	AcJz-c
056	House-l	120	ColRk-c	184	AcJz-d
057	House-E	121	ColRk-d	185	AcJz-l
058	GmBt-a	122	ColRk-l	186	AcJz-E
059	GmBt-d	123	ColRk-E		
060	GmBt-E	124	16Rck-a		
061	HipHp-a	125	16Rck-b		
062	HipHp-c	126	16Rck-c		
063	HipHp-l	127	16Rck-d		
064	HipHp-E	128	16Rck-l		

Beat=8 beat

No.	Name	No.	Name	No.	Name
001	Rap -a	065	PubRk-a	129	6/8HR-l
002	Rap -c	066	PubRk-b	130	6/8HR-E
003	Rap -d	067	PubRk-c	131	PnoBd-a
004	Rap -l	068	PubRk-d	132	PnoBd-b
005	Rap -E	069	PubRk-l	133	PnoBd-c
006	PsyRk-a	070	PubRk-E	134	PnoBd-d
007	PsyRk-b	071	HdRck-a	135	PnoBd-l
008	PsyRk-c	072	HdRck-b	136	PnoBd-E
009	PsyRk-d	073	HdRck-c	137	ArpBd-a
010	PsyRk-l	074	HdRck-d	138	ArpBd-b
011	PsyRk-E	075	HdRck-l	139	ArpBd-c
012	8Rck1-a	076	HdRck-E	140	ArpBd-d
013	8Rck1-b	077	Amrc1-a	141	ArpBd-l
014	8Rck1-c	078	Amrc1-b	142	ArpBd-E
015	8Rck1-d	079	Amrc1-c	143	LtnBd-a
016	8Rck1-l	080	Amrc1-d	144	LtnBd-b
017	8Rck1-E	081	Amrc1-l	145	LtnBd-c
018	8Rck2-a	082	Amrc1-E	146	LtnBd-d
019	8Rck2-b	083	Grgc-a	147	LtnBd-l
020	8Rck2-c	084	Grgc-b	148	LtnBd-E
021	8Rck2-d	085	Grgc-c	149	6/8Bd-a
022	8Rck2-l	086	Grgc-d	150	6/8Bd-b
023	8Rck2-E	087	Grgc-l	151	6/8Bd-c
024	MdRk1-a	088	Grgc-E	152	6/8Bd-d
025	MdRk1-c	089	Speed-a	153	6/8Bd-l
026	MdRk1-d	090	Speed-b	154	6/8Bd-E
027	MdRk1-l	091	Speed-c	155	LiteP-a
028	MdRk1-E	092	Speed-d	156	LiteP-b
029	MdRk2-a	093	Speed-l	157	LiteP-c
030	MdRk2-b	094	Speed-E	158	LiteP-d
031	MdRk2-c	095	HMetl-a	159	LiteP-l
032	MdRk2-d	096	HMetl-b	160	LiteP-E
033	MdRk2-l	097	HMetl-c	161	AOR -a
034	MdRk2-E	098	HMetl-d	162	AOR -b
035	PrgRk-a	099	HMetl-l	163	AOR -c
036	PrgRk-b	100	HMetl-E	164	AOR -d
037	PrgRk-c	101	MtBgy-a	165	AOR -l
038	PrgRk-d	102	MtBgy-b	166	AOR -E
039	PrgRk-l	103	MtBgy-c	167	LtnPp-a
040	PrgRk-E	104	MtBgy-d	168	LtnPp-b
041	RkShf-a	105	MtBgy-l	169	LtnPp-c
042	RkShf-b	106	MtBgy-E	170	LtnPp-d
043	RkShf-c	107	Thrsh-a	171	LtnPp-l
044	RkShf-d	108	Thrsh-b	172	LtnPp-E
045	RkShf-l	109	Thrsh-c	173	Game -a
046	RkShf-E	110	Thrsh-d	174	Game -b
047	NewWv-a	111	Thrsh-l	175	Game -c
048	NewWv-b	112	Thrsh-E	176	Game -d
049	NewWv-c	113	Death-a	177	Game -l
050	NewWv-d	114	Death-b	178	Game -E
051	NewWv-l	115	Death-c	179	PpShf-a
052	NewWv-E	116	Death-d	180	PpShf-b
053	Brtpp-a	117	Death-l	181	PpShf-c
054	Brtpp-b	118	Death-E	182	PpShf-d
055	Brtpp-c	119	HdBld-a	183	PpShf-l
056	Brtpp-d	120	HdBld-b	184	PpShf-E
057	Brtpp-l	121	HdBld-c	185	DtrPp-a
058	Brtpp-E	122	HdBld-d	186	DtrPp-b
059	Punk -a	123	HdBld-l	187	DtrPp-c
060	Punk -b	124	HdBld-E	188	DtrPp-d
061	Punk -c	125	6/8HR-a	189	DtrPp-l
062	Punk -d	126	6/8HR-b	190	DtrPp-E
063	Punk -l	127	6/8HR-c		
064	Punk -E	128	6/8HR-d		

**Phrase Category=Ba: Bass-a (Pop&Rock)  
Beat=3/4 beat**

No.	Name
001	PpWlz-a
002	PpWlz-b
003	PpWlz-c
004	PpWlz-d
005	PpWlz-l
006	PpWlz-E

**Phrase Category=Bb: Bass-b (Specific)  
Beat=16 beat**

No.	Name	No.	Name
001	JBFnk-a	065	DHReg-E
002	JBFnk-b	066	Lovrs-a
003	JBFnk-c	067	Lovrs-b
004	JBFnk-d	068	Lovrs-c
005	JBFnk-l	069	Lovrs-d
006	JBFnk-E	070	Lovrs-l
007	Soul -a	071	Lovrs-E
008	Soul -b	072	Soca -a
009	Soul -c	073	Soca -b
010	Soul -d	074	Soca -c
011	Soul -l	075	Soca -d
012	Soul -E	076	Soca -l
013	CFolk-b	077	Soca -E
014	CFolk-d	078	HLife-a
015	CFolk-E	079	HLife-b
016	16Cnt-a	080	HLife-c
017	16Cnt-b	081	HLife-d
018	16Cnt-c	082	HLife-l
019	16Cnt-d	083	HLife-E
020	16Cnt-l	084	Sowet-a
021	16Cnt-E	085	Sowet-b
022	AfrJz-a	086	Sowet-c
023	AfrJz-c	087	Sowet-d
024	AfrJz-d	088	Sowet-l
025	AfrJz-l	089	Sowet-E
026	AfrJz-E	090	Cajun-a
027	Salsa-a	091	Cajun-b
028	Salsa-b	092	Cajun-c
029	Salsa-c	093	Cajun-d
030	Salsa-d	094	Cajun-l
031	Salsa-l	095	Cajun-E
032	Salsa-E		
033	Samba-a		
034	Samba-b		
035	Samba-c		
036	Samba-d		
037	Samba-E		
038	Merng-a		
039	Merng-c		
040	Merng-d		
041	Merng-l		
042	Merng-E		
043	Mambo-a		
044	Mambo-c		
045	Mambo-d		
046	Mambo-l		
047	Mambo-E		
048	Son -a		
049	Son -b		
050	Son -c		
051	Son -d		
052	Son -l		
053	Son -E		
054	Rege1-a		
055	Rege1-b		
056	Rege1-c		
057	Rege1-d		
058	Rege1-l		
059	Rege1-E		
060	DHReg-a		
061	DHReg-b		
062	DHReg-c		
063	DHReg-d		
064	DHReg-l		

P r e s e t P h r a s e L i s t

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**Beat=8 beat**

No.	Name	No.	Name	No.	Name
001	R&B -a	065	FokRk-I	129	Rege2-E
002	R&B -b	066	FokRk-E	130	Ska -a
003	R&B -c	067	CntRk-a	131	Ska -c
004	R&B -d	068	CntRk-b	132	Ska -d
005	R&B -I	069	CntRk-c	133	Ska -I
006	R&B -E	070	CntRk-d	134	Ska -E
007	8Dtro-a	071	CntRk-I	135	Klzmr-a
008	8Dtro-b	072	CntRk-E	136	Klzmr-b
009	8Dtro-c	073	CBald-a	137	Klzmr-d
010	8Dtro-d	074	CBald-b	138	Klzmr-E
011	8Dtro-I	075	CBald-c	139	Enka -a
012	8Dtro-E	076	CBald-d	140	Enka -b
013	6/8RB-a	077	CBald-I	141	Enka -c
014	6/8RB-I	078	CBald-E	142	Enka -d
015	6/8RB-E	079	Bigrs-a	143	Enka -I
016	BluSh-a	080	Bigrs-b	144	Enka -E
017	BluSh-b	081	Bigrs-c	145	Polka-a
018	BluSh-c	082	Bigrs-d	146	Polka-b
019	BluSh-d	083	Bigrs-I	147	Polka-c
020	BluSh-I	084	Bigrs-E	148	Polka-d
021	BluSh-E	085	Comb1-a	149	Polka-I
022	SIBlu-a	086	Comb1-b	150	Polka-E
023	SIBlu-b	087	Comb1-c	151	Dixie-a
024	SIBlu-c	088	Comb1-d	152	Dixie-b
025	SIBlu-d	089	Comb1-I	153	Dixie-c
026	SIBlu-I	090	Comb1-E	154	Dixie-I
027	SIBlu-E	091	Comb2-a	155	Dixie-E
028	Gospl-a	092	Comb2-b	156	ChaCh-a
029	Gospl-b	093	Comb2-c	157	ChaCh-b
030	Gospl-c	094	Comb2-d	158	ChaCh-c
031	Gospl-d	095	Comb2-I	159	ChaCh-d
032	Gospl-I	096	Comb2-E	160	ChaCh-I
033	Gospl-E	097	BgBnd-a	161	ChaCh-E
034	RkRol-a	098	BgBnd-b	162	Begin-a
035	RkRol-b	099	BgBnd-c	163	Begin-b
036	RkRol-c	100	BgBnd-d	164	Begin-c
037	RkRol-d	101	BgBnd-I	165	Begin-d
038	RkRol-I	102	BgBnd-E	166	Begin-I
039	RkRol-E	103	JzBld-a	167	Begin-E
040	Rkbly-a	104	JzBld-b	168	Tango-a
041	Rkbly-b	105	JzBld-c	169	Tango-c
042	Rkbly-c	106	JzBld-d	170	Tango-d
043	Rkbly-d	107	JzBld-I	171	Tango-I
044	Rkbly-I	108	JzBld-E	172	Tango-E
045	Rkbly-E	109	CoJz-a	173	Foxtr-a
046	Oldis-a	110	CoJz-b	174	Foxtr-b
047	Oldis-c	111	CoJz-c	175	Foxtr-c
048	Oldis-I	112	CoJz-d	176	Foxtr-d
049	Oldis-E	113	CoJz-I	177	Foxtr-I
050	Liver-a	114	CoJz-E	178	Foxtr-E
051	Liver-b	115	Bossa-a	179	March-a
052	Liver-c	116	Bossa-b	180	March-b
053	Liver-d	117	Bossa-c	181	March-d
054	Liver-I	118	Bossa-d	182	March-E
055	Liver-E	119	Bossa-I	183	68Mrc-a
056	Surf -a	120	Bossa-E	184	68Mrc-b
057	Surf -b	121	Rumba-a	185	68Mrc-c
058	Surf -c	122	Rumba-c	186	68Mrc-E
059	Surf -d	123	Rumba-d	187	SpOpr-a
060	Surf -I	124	Rumba-I	188	SpOpr-b
061	Surf -E	125	Rumba-E	189	SpOpr-c
062	FokRk-a	126	Rege2-a	190	SpOpr-I
063	FokRk-c	127	Rege2-c	191	SpOpr-E
064	FokRk-d	128	Rege2-I		

**Beat=3/4 beat**

No.	Name
001	CWalz-a
002	CWalz-b
003	CWalz-c
004	CWalz-d
005	CWalz-I
006	CWalz-E
007	JaWlz-a
008	JaWlz-b
009	JaWlz-c
010	JaWlz-d
011	JaWlz-I
012	JaWlz-E
013	SIWlz-a
014	SIWlz-b
015	SIWlz-c
016	SIWlz-d
017	SIWlz-I
018	SIWlz-E
019	VnWlz-a
020	VnWlz-c
021	VnWlz-d
022	VnWlz-I
023	VnWlz-E

**Phrase Category=Ga: Guitar Chord-a (Pop&Rock)**

**Beat=16 beat**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name	No.	Name
001	Smth1-a	065	24Pop-a
002	Smth1-c	066	24Pop-b
003	Smth1-l	067	24Pop-c
004	Smth1-E	068	24Pop-d
005	Smth2-a	069	24Pop-l
006	Smth2-b	070	24Pop-E
007	Smth2-c	071	Fuson-a
008	Smth2-d	072	Fuson-b
009	Smth2-E	073	Fuson-c
010	JzHip-b	074	Fuson-d
011	JzHip-c	075	LtFsn-a
012	JzHip-d	076	LtFsn-c
013	JzHip-E	077	LtFsn-l
014	Disco-b	078	LtFsn-E
015	DFnk1-a	079	FnFsn-1E
016	DFnk1-b	080	AcJz-a
017	DFnk1-c	081	AcJz-b
018	DFnk1-d	082	AcJz-c
019	DFnk1-l		
020	DFnk1-E		
021	DFnk2-b		
022	FPFnk-a		
023	FPFnk-b		
024	FPFnk-c		
025	FPFnk-d		
026	FPFnk-l		
027	FPFnk-E		
028	HdCor-a		
029	HdCor-c		
030	HdCor-d		
031	HdCor-l		
032	HdCor-E		
033	ColRk-1a		
034	ColRk-1d		
035	ColRk-1l		
036	ColRk-1E		
037	ColRk-2b		
038	ColRk-2d		
039	ColRk-2l		
040	ColRk-2E		
041	16Rck-1a		
042	16Rck-1b		
043	16Rck-1d		
044	16Rck-1l		
045	16Rck-1E		
046	16Rck-2a		
047	16Rck-2c		
048	16Rck-2d		
049	16Hrd-1a		
050	16Hrd-1c		
051	16Hrd-1l		
052	16Hrd-1E		
053	16Hrd-2c		
054	16Hrd-2d		
055	16Hrd-2E		
056	Amrc2-1a		
057	Amrc2-1c		
058	Amrc2-1d		
059	Amrc2-2a		
060	Amrc2-2b		
061	Amrc2-2c		
062	Amrc2-2d		
063	Amrc2-2l		
064	Amrc2-2E		

No.	Name	No.	Name
001	PsyRk-a	065	Punk -2E
002	8Rck1-1a	066	PubRk-l
003	8Rck1-1b	067	HdRck-1a
004	8Rck1-1c	068	HdRck-1b
005	8Rck1-1d	069	HdRck-1c
006	8Rck1-1l	070	HdRck-1d
007	8Rck1-1E	071	HdRck-1l
008	8Rck1-2a	072	HdRck-2a
009	8Rck1-2b	073	HdRck-2b
010	8Rck1-2c	074	HdRck-2c
011	8Rck1-2d	075	HdRck-2d
012	8Rck1-2l	076	HdRck-2l
013	8Rck1-2E	077	Amrc1-1b
014	8Rck2-1a	078	Amrc1-1d
015	8Rck2-1d	079	Amrc1-2b
016	8Rck2-1l	080	Amrc1-2d
017	8Rck2-1E	081	Gmge-1a
018	8Rck2-2b	082	Gmge-1b
019	8Rck2-2c	083	Gmge-1d
020	8Rck2-2d	084	Gmge-1l
021	8Rck2-2E	085	Gmge-1E
022	8Rck2-3b	086	Gmge-2a
023	8Rck2-3d	087	Gmge-2b
024	8Rck2-3E	088	Gmge-2d
025	MdRk1-b	089	Gmge-2l
026	MdRk1-c	090	Gmge-2E
027	MdRk1-d	091	Gmge-3b
028	MdRk2-1a	092	Gmge-3c
029	MdRk2-1b	093	Gmge-3l
030	MdRk2-1c	094	Speed-1a
031	MdRk2-1d	095	Speed-1b
032	MdRk2-1l	096	Speed-1c
033	MdRk2-1E	097	Speed-1d
034	MdRk2-2a	098	Speed-2a
035	MdRk2-2c	099	Speed-2b
036	MdRk2-2d	100	Speed-2c
037	MdRk2-2E	101	Speed-2d
038	PrgRk-1c	102	HMetl-1c
039	PrgRk-2c	103	HMetl-1d
040	PrgRk-3b	104	HMetl-2c
041	PrgRk-3d	105	HMetl-2d
042	PrgRk-3E	106	HMetl-3a
043	PrgRk-4b	107	HMetl-3c
044	PrgRk-4d	108	HMetl-3l
045	PrgRk-4E	109	HMetl-3E
046	RkShf-a	110	MtBgy-a
047	RkShf-c	111	MtBgy-c
048	RkShf-d	112	MtBgy-d
049	RkShf-l	113	Thrsh-1a
050	RkShf-E	114	Thrsh-1b
051	NewWv-1b	115	Thrsh-1c
052	NewWv-2b	116	Thrsh-1d
053	Brtpp-1a	117	Thrsh-1l
054	Brtpp-1b	118	Thrsh-1E
055	Brtpp-1c	119	Thrsh-2b
056	Brtpp-2l	120	Death-1a
057	Brtpp-2E	121	Death-1b
058	Punk -1b	122	Death-1l
059	Punk -1l	123	Death-1E
060	Punk -1E	124	Death-2b
061	Punk -2b	125	Death-2d
062	Punk -2c	126	Death-2l
063	Punk -2d	127	Death-2E
064	Punk -2l	128	HdBld-1c

No.	Name
001	PpWlz-a
002	PpWlz-b
003	PpWlz-E



**Phrase Category=Gb: Guitar Chord-b (Specific)**

**Beat=16 beat**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name
001	JBFnk-1b
002	JBFnk-1c
003	JBFnk-1d
004	JBFnk-1E
005	Soul -a
006	Soul -c
007	Soul -l
008	Soul -E
009	CFolk-1d
010	CFolk-a
011	CFolk-c
012	CFolk-l
013	CFolk-E
014	16Cnt-1a
015	16Cnt-1b
016	16Cnt-1c
017	16Cnt-1d
018	16Cnt-1l
019	16Cnt-1E
020	16Cnt-2a
021	16Cnt-2b
022	16Cnt-2c
023	16Cnt-2d
024	16Cnt-2l
025	16Cnt-2E
026	Son -1a
027	Son -1b
028	Rege1-1a
029	Rege1-1b
030	Rege1-1d
031	Rege1-1l
032	Rege1-2a
033	Rege1-2b
034	Rege1-2d
035	Rege1-2l
036	Rege1-2E
037	Lovrs-b
038	HLife-1b
039	HLife-1d
040	HLife-1E
041	HLife-2a
042	HLife-2b
043	HLife-2c
044	HLife-2d
045	HLife-2E
046	Sowet-1b
047	Sowet-2a
048	Sowet-2b
049	Sowet-2c
050	Sowet-2d
051	Cajun-1a
052	Cajun-1c
053	Cajun-1d
054	Cajun-2l

No.	Name	No.	Name
001	R&B -d	065	Blgrs-1l
002	R&B -l	066	Blgrs-1E
003	R&B -E	067	Blgrs-2a
004	BluSh-a	068	Blgrs-2b
005	BluSh-b	069	Blgrs-2c
006	BluSh-c	070	Blgrs-2d
007	BluSh-d	071	Blgrs-2l
008	BluSh-l	072	Blgrs-2E
009	BluSh-E	073	Comb1-a
010	SlBlu-a	074	Comb1-b
011	SlBlu-b	075	Comb1-c
012	SlBlu-c	076	Comb1-d
013	SlBlu-d	077	Comb1-l
014	SlBlu-l	078	Comb1-E
015	RkRol-b	079	BgBnd-a
016	RkRol-c	080	BgBnd-b
017	RkRol-d	081	BgBnd-c
018	Rkbly-1b	082	BgBnd-d
019	Rkbly-1d	083	BgBnd-l
020	Rkbly-2a	084	JzBld-c
021	Rkbly-2c	085	Bossa-a
022	Rkbly-2l	086	Bossa-b
023	Rkbly-2E	087	Bossa-c
024	Rkbly-3b	088	Bossa-d
025	Rkbly-3d	089	Bossa-l
026	Rkbly-3l	090	Bossa-E
027	Rkbly-3E	091	Rege2-a
028	Oldis-a	092	Rege2-b
029	Oldis-c	093	Rege2-c
030	Oldis-l	094	Rege2-l
031	Oldis-E	095	Rege2-E
032	Liver-1a	096	Klzmr-a
033	Liver-1b	097	Enka -b
034	Liver-1c	098	Polka-a
035	Liver-1d	099	Polka-b
036	Liver-1l	100	Polka-c
037	Liver-1E	101	Polka-d
038	Liver-2E	102	Polka-l
039	Surf -1b	103	Polka-E
040	Surf -2a	104	Dixie-a
041	Surf -2b	105	Dixie-b
042	Surf -2l	106	Dixie-c
043	Surf -2E	107	Dixie-d
044	Surf -3c	108	Dixie-l
045	Surf -3d	109	Dixie-E
046	FokRk-1b	110	ChaCh-a
047	FokRk-1l	111	ChaCh-b
048	FokRk-1E	112	ChaCh-c
049	CntRk-1a	113	ChaCh-l
050	CntRk-1b	114	ChaCh-E
051	CntRk-1c	115	Begin-a
052	CntRk-1d	116	Begin-b
053	CntRk-1l	117	Begin-c
054	CntRk-1E	118	Begin-l
055	CntRk-2a	119	Begin-E
056	CntRk-2c	120	Tango-a
057	CntRk-2l	121	Tango-d
058	CntRk-2E	122	Tango-E
059	CntRk-3a	123	Foxtr-1a
060	CBald-1a	124	Foxtr-1b
061	CBald-1d	125	Foxtr-1d
062	Blgrs-1a	126	Foxtr-1l
063	Blgrs-1c	127	Foxtr-1E
064	Blgrs-1d	128	Foxtr-2a

No.	Name
001	CWalz-1a
002	CWalz-1b
003	CWalz-1c
004	CWalz-1d
005	CWalz-1l
006	CWalz-1E
007	CWalz-2l
008	CWalz-2E
009	SlWlz-a
010	SlWlz-d
011	VnWlz-a
012	VnWlz-b
013	VnWlz-c
014	VnWlz-d
015	VnWlz-l
016	VnWlz-E

Phrase Category=GR: Guitar Riff

Beat=16 beat

Beat=8 beat

No.	Name	No.	Name
001	DrBa3-d	065	FnFsn-2d
002	DrBa3-a	066	FnFsn-2l
003	DrBa3-l	067	FnFsn-2E
004	JzHip-a	068	JzFnk-a
005	JzHip-l	069	JzFnk-b
006	Disco-a	070	JzFnk-l
007	Disco-c	071	JzFnk-E
008	Disco-d	072	AcJz-d
009	Disco-l	073	AcJz-l
010	Disco-E	074	JBFnk-1a
011	DFnk2-a	075	JBFnk-1l
012	DFnk2-c	076	JBFnk-2a
013	DFnk2-l	077	JBFnk-2d
014	DFnk2-E	078	CFolk-a
015	FPFnk-a	079	CFolk-c
016	FPFnk-b	080	CFolk-d
017	FPFnk-c	081	CFolk-l
018	FPFnk-d	082	CFolk-E
019	FPFnk-l	083	Son -1c
020	FPFnk-E	084	Son -1d
021	HdCor-a	085	Son -1l
022	HdCor-b	086	Son -2a
023	HdCor-c	087	Son -2b
024	HdCor-d	088	Son -2c
025	HdCor-l	089	Son -2d
026	HdCor-E	090	Son -2l
027	ColRk-1c	091	Son -1E
028	ColRk-1l	092	Son -2E
029	ColRk-1E	093	Lovrs-a
030	ColRk-2c	094	Lovrs-d
031	16Rck-b	095	Lovrs-l
032	16Rck-c	096	Lovrs-E
033	16Rck-l	097	HLife-1a
034	16Rck-E	098	HLife-1c
035	16Hrd-1b	099	HLife-1l
036	16Hrd-1d	100	HLife-2l
037	16Hrd-2a	101	Sowet-1a
038	16Hrd-2b	102	Sowet-1c
039	Amrc2-b	103	Sowet-1d
040	Amrc2-l	104	Sowet-1l
041	Amrc2-E	105	Sowet-1E
042	16Bl-d-a	106	Sowet-2l
043	16Bl-d-b	107	Sowet-2E
044	16Bl-d-c	108	Cajun-1E
045	16Bl-d-d	109	Cajun-2b
046	16Bl-d-l	110	Cajun-2c
047	16Bl-d-E	111	Cajun-2d
048	PopBd-1a	112	Cajun-2E
049	PopBd-1b		
050	PopBd-1c		
051	PopBd-1l		
052	PopBd-1E		
053	PopBd-2a		
054	PopBd-2b		
055	PopBd-2l		
056	PopBd-2E		
057	Fuson-l		
058	Fuson-E		
059	FnFsn-1a		
060	FnFsn-1b		
061	FnFsn-1d		
062	FnFsn-1l		
063	FnFsn-2a		
064	FnFsn-2b		

No.	Name	No.	Name	No.	Name	No.	Name
001	Rap -b	065	Amrc1-1l	129	LtnBd-E	193	Rumba-b
002	Rap -c	066	Amrc1-1E	130	LtnPp-b	194	Rumba-c
003	Rap -d	067	Amrc1-2a	131	DtrPp-a	195	Rumba-d
004	Rap -l	068	Amrc1-2c	132	DtrPp-b	196	Rumba-l
005	Rap -E	069	Amrc1-2l	133	DtrPp-c	197	Rumba-E
006	PsyRk-1a	070	Amrc1-2E	134	DtrPp-d	198	Klzmr-E
007	PsyRk-1b	071	Grnge-1c	135	DtrPp-l	199	Enka -a
008	PsyRk-1c	072	Grnge-2c	136	DtrPp-E	200	Enka -d
009	PsyRk-1d	073	Grnge-3d	137	R&B -a	201	Enka -l
010	PsyRk-1l	074	Grnge-3E	138	R&B -b	202	Enka -E
011	PsyRk-1E	075	Grnge-4b	139	R&B -c		
012	PsyRk-2a	076	Grnge-4c	140	SIBLu-E		
013	PsyRk-2b	077	Grnge-4d	141	RkRol-a		
014	PsyRk-2c	078	Grnge-4l	142	RkRol-l		
015	PsyRk-2E	079	Grnge-4E	143	RkRol-E		
016	8Rck1-b	080	Speed-1l	144	Rkbly-1a		
017	8Rck2-c	081	Speed-1E	145	Rkbly-1c		
018	MdRk1-a	082	Speed-2l	146	Rkbly-1l		
019	MdRk1-c	083	Speed-2E	147	Rkbly-1E		
020	MdRk1-l	084	Speed-3a	148	Rkbly-2b		
021	MdRk1-E	085	Speed-3c	149	Rkbly-2d		
022	MdRk2-b	086	Speed-3l	150	Rkbly-2E		
023	MdRk2-l	087	Speed-3E	151	Oldis-a		
024	PrgRk-1a	088	HMTetl-1a	152	Oldis-c		
025	PrgRk-1b	089	HMTetl-1b	153	Liver-a		
026	PrgRk-1d	090	HMTetl-1l	154	Liver-b		
027	PrgRk-1l	091	HMTetl-1E	155	Liver-c		
028	PrgRk-1E	092	HMTetl-2a	156	Liver-d		
029	PrgRk-2a	093	HMTetl-2b	157	Liver-l		
030	PrgRk-2b	094	HMTetl-2l	158	Surf -a		
031	PrgRk-2d	095	HMTetl-2E	159	Surf -l		
032	PrgRk-2l	096	MtBgy-b	160	Surf -E		
033	PrgRk-2E	097	MtBgy-l	161	FokRk-1a		
034	NewWv-1a	098	MtBgy-E	162	FokRk-2a		
035	NewWv-1c	099	Thrsh-a	163	FokRk-2b		
036	NewWv-1d	100	Thrsh-c	164	FokRk-2c		
037	NewWv-1E	101	Thrsh-d	165	FokRk-2d		
038	NewWv-2l	102	Thrsh-l	166	FokRk-2l		
039	NewWv-2E	103	Thrsh-E	167	FokRk-2E		
040	Brtpp-b	104	Death-1c	168	FokRk-3a		
041	Brtpp-d	105	Death-1d	169	FokRk-3b		
042	Punk -1a	106	Death-2a	170	FokRk-3c		
043	Punk -1c	107	Death-2c	171	FokRk-3d		
044	Punk -1d	108	HdBld-1a	172	FokRk-3l		
045	Punk -2a	109	HdBld-1b	173	FokRk-3E		
046	Punk -3b	110	HdBld-1l	174	CntRk-l		
047	Punk -3d	111	HdBld-1E	175	CntRk-E		
048	Punk -3l	112	HdBld-2a	176	CBald-2a		
049	Punk -3E	113	HdBld-2b	177	CBald-2d		
050	PubRk-1a	114	HdBld-2l	178	CBald-3b		
051	PubRk-1b	115	HdBld-2E	179	CBald-3c		
052	PubRk-1E	116	6/8HR-1b	180	CBald-3d		
053	PubRk-2b	117	6/8HR-1c	181	CBald-3l		
054	PubRk-2d	118	6/8HR-2b	182	CBald-3E		
055	PubRk-2l	119	6/8HR-2d	183	Blgrs-a		
056	PubRk-2E	120	6/8HR-2E	184	Blgrs-b		
057	PubRk-3b	121	PnoBd-1a	185	Blgrs-c		
058	PubRk-3d	122	PnoBd-1c	186	Blgrs-d		
059	PubRk-3l	123	PnoBd-2E	187	Blgrs-l		
060	PubRk-3E	124	PnoBd-3E	188	Blgrs-E		
061	HdRck-1E	125	ArpBd-b	189	BgBnd-E		
062	HdRck-2E	126	ArpBd-d	190	JzBld-a		
063	Amrc1-1a	127	ArpBd-l	191	JzBld-b		
064	Amrc1-1c	128	ArpBd-E	192	Rumba-a		

**Beat=3/4 beat**

No.	Name
001	PpWiz-c
002	PpWiz-d
003	PpWiz-l
004	PpWiz-E
005	CWalz-a
006	CWalz-b
007	CWalz-c
008	CWalz-d
009	JaWiz-a
010	JaWiz-b
011	JaWiz-c
012	JaWiz-d
013	JaWiz-l
014	JaWiz-E
015	SIWiz-b
016	SIWiz-c
017	SIWiz-l
018	SIWiz-E

**Phrase Category=KC: Keyboard Chord**  
**Beat=16 beat**

**Beat=8 beat**

No.	Name	No.	Name	No.	Name
001	Elect-11	065	NJSwn-1E	129	DHReg-d
002	Elect-1E	066	NJSwn-2d	130	DHReg-l
003	Elect-2l	067	Disco-a	131	DHReg-E
004	Elect-2E	068	Disco-c	132	Lovrs-a
005	Elect-3l	069	Disco-d	133	Lovrs-b
006	PpJng-1a	070	Disco-l	134	Lovrs-c
007	PpJng-1l	071	Disco-E	135	Lovrs-d
008	PpJng-2b	072	DFnk1-a	136	Lovrs-l
009	PpJng-2l	073	DFnk1-c	137	Lovrs-E
010	PpJng-2E	074	DFnk1-l	138	Cajun-a
011	EuTek-a	075	DFnk1-E	139	Cajun-l
012	EuTek-l	076	FPFnk-a		
013	EuTek-E	077	FPFnk-b		
014	Euro1-1a	078	FPFnk-d		
015	Euro1-1l	079	FPFnk-l		
016	Euro1-1E	080	FPFnk-E		
017	Euro1-2a	081	16Bld-a		
018	Euro2-1a	082	16Bld-b		
019	Euro2-1b	083	16Bld-c		
020	Euro2-1c	084	16Bld-d		
021	Euro2-1l	085	PopBd-a		
022	Euro2-1E	086	PopBd-b		
023	Euro2-2b	087	PopBd-l		
024	Euro2-2E	088	PopBd-E		
025	Euro2-3b	089	24Pop-a		
026	Euro2-3E	090	24Pop-c		
027	House-a	091	24Pop-d		
028	House-E	092	24Pop-l		
029	GrnBt-1a	093	24Pop-E		
030	GrnBt-2c	094	LtFsn-a		
031	GrnBt-2d	095	LtFsn-c		
032	HipHp-a	096	LtFsn-l		
033	HipHp-c	097	LtFsn-E		
034	HipHp-l	098	FnFsn-b		
035	HipHp-E	099	FnFsn-d		
036	PpHip-a	100	FnFsn-l		
037	PpHip-b	101	FnFsn-E		
038	PpHip-c	102	JzFnk-a		
039	PpHip-d	103	JzFnk-b		
040	PpHip-l	104	JzFnk-l		
041	PpHip-E	105	JzFnk-E		
042	Smth1-a	106	AcJz-b		
043	Smth1-c	107	AcJz-l		
044	Smth1-E	108	CFolk-a		
045	Smth2-a	109	CFolk-b		
046	Smth2-b	110	CFolk-c		
047	Smth2-c	111	CFolk-d		
048	Smth2-d	112	CFolk-l		
049	Smth2-l	113	CFolk-E		
050	Smth2-E	114	AfrJz-a		
051	JzHip-1a	115	AfrJz-b		
052	JzHip-1c	116	AfrJz-c		
053	JzHip-1l	117	AfrJz-d		
054	JzHip-1E	118	Samba-1b		
055	JzHip-2a	119	Samba-1d		
056	JzHip-2b	120	Samba-2b		
057	JzHip-2c	121	Samba-2d		
058	JzHip-2d	122	Merng-d		
059	JzHip-2l	123	Mambo-a		
060	JzHip-2E	124	Mambo-b		
061	NJSwn-1a	125	Mambo-c		
062	NJSwn-1b	126	Mambo-d		
063	NJSwn-1c	127	DHReg-a		
064	NJSwn-1l	128	DHReg-b		

No.	Name	No.	Name	No.	Name
001	Rap -b	065	Game -2E	129	JzBld-E
002	Rap -c	066	PpShf-a	130	ColJz-a
003	Rap -d	067	PpShf-b	131	ColJz-b
004	Rap -l	068	PpShf-c	132	ColJz-c
005	Rap -E	069	PpShf-d	133	ColJz-d
006	MdRk2-d	070	PpShf-E	134	Bossa-b
007	MdRk2-l	071	DtrPp-a	135	Bossa-d
008	MdRk2-E	072	DtrPp-c	136	Bossa-l
009	RkShf-1a	073	R&B -d	137	Bossa-E
010	RkShf-1b	074	8Dtro-1a	138	Rumba-a
011	RkShf-1c	075	8Dtro-1b	139	Rumba-b
012	RkShf-1d	076	8Dtro-1c	140	Rumba-c
013	RkShf-1l	077	8Dtro-1l	141	Rumba-d
014	RkShf-1E	078	8Dtro-2b	142	Rege2-1a
015	RkShf-2b	079	8Dtro-2E	143	Rege2-1l
016	RkShf-2d	080	6/8RB-1a	144	Rege2-1E
017	NewWv-a	081	6/8RB-1d	145	Rege2-2a
018	NewWv-c	082	6/8RB-1l	146	Rege2-2l
019	Brtp-p	083	6/8RB-1E	147	Rege2-2E
020	Brtp-p-b	084	6/8RB-2b	148	Ska -a
021	Brtp-p-c	085	6/8RB-2d	149	Ska -c
022	Brtp-p-d	086	6/8RB-2l	150	Ska -d
023	Brtp-p-l	087	6/8RB-2E	151	Ska -l
024	Brtp-p-E	088	BluSh-a	152	Ska -E
025	HdRck-a	089	BluSh-d	153	Klzmr-a
026	HdRck-b	090	Gospl-1a	154	Klzmr-b
027	HdRck-d	091	Gospl-1c	155	Klzmr-d
028	Amrc-1a	092	Gospl-1d	156	Klzmr-l
029	Amrc-1b	093	Gospl-1E	157	Enka -a
030	Amrc-1c	094	Gospl-2a	158	Enka -b
031	Amrc-1d	095	Gospl-2b	159	Enka -c
032	Amrc-1l	096	Gospl-2c	160	Enka -d
033	Amrc-1E	097	Gospl-2d	161	Enka -l
034	PnoBd-a	098	Gospl-2E	162	Enka -E
035	PnoBd-b	099	RkRol-a	163	Dixie-a
036	PnoBd-c	100	RkRol-b	164	Dixie-b
037	PnoBd-d	101	RkRol-c	165	Dixie-c
038	LtnBd-d	102	RkRol-d	166	Dixie-d
039	6/8Bd-1c	103	RkRol-l	167	Dixie-l
040	6/8Bd-1d	104	RkRol-E	168	Dixie-E
041	6/8Bd-2b	105	Oldis-a	169	Begin-a
042	6/8Bd-3c	106	Oldis-c	170	Begin-b
043	6/8Bd-3l	107	Oldis-l	171	Begin-c
044	6/8Bd-3E	108	Oldis-E	172	Begin-d
045	LiteP-1a	109	FokRk-b	173	Begin-l
046	LiteP-1b	110	FokRk-l	174	Begin-E
047	LiteP-1c	111	FokRk-E	175	Tango-a
048	LiteP-1d	112	CBald-a	176	Tango-d
049	LiteP-1l	113	CBald-b	177	Tango-l
050	LiteP-1E	114	CBald-c	178	Tango-E
051	LiteP-2b	115	CBald-d	179	Foxtr-b
052	AOR -1d	116	CBald-l	180	Foxtr-c
053	AOR -2b	117	CBald-E	181	Foxtr-d
054	AOR -2d	118	Comb1-a	182	Foxtr-l
055	LtnPp-a	119	Comb1-b	183	Foxtr-E
056	LtnPp-b	120	Comb1-d		
057	LtnPp-c	121	Comb1-E		
058	LtnPp-d	122	Comb2-a		
059	LtnPp-l	123	Comb2-b		
060	LtnPp-E	124	Comb2-c		
061	Game -1a	125	JzBld-a		
062	Game -1c	126	JzBld-b		
063	Game -1l	127	JzBld-c		
064	Game -2l	128	JzBld-l		

Beat=3/4 beat

No.	Name
001	PpWiz-a
002	PpWiz-b
003	PpWiz-c
004	PpWiz-d
005	PpWiz-E
006	CWalz-a
007	CWalz-c
008	CWalz-l
009	CWalz-E
010	JaWiz-a
011	JaWiz-b
012	JaWiz-c
013	JaWiz-d
014	JaWiz-l
015	JaWiz-E
016	SiWiz-a
017	SiWiz-d
018	VnWiz-a
019	VnWiz-b
020	VnWiz-c
021	VnWiz-d
022	VnWiz-l
023	VnWiz-E

Phrase Category=KR: Keyboard Riff

Beat=16 beat

No.	Name	No.	Name	No.	Name		
001	Goa1 -1a	065	MnTrn-2b	129	NJSwn-2E	193	DHReg-a
002	Goa1 -1b	066	MnTrn-2d	130	Disco-d	194	DHReg-b
003	Goa1 -1l	067	MnTrn-3l	131	Disco-l	195	DHReg-c
004	Goa1 -2a	068	PpTek-1a	132	Disco-E	196	DHReg-E
005	Goa1 -3a	069	PpTek-1c	133	FPFnk-1a	197	Soca -1a
006	Goa1 -3c	070	PpTek-1d	134	FPFnk-1b	198	Soca -1b
007	Goa1 -3l	071	PpTek-1l	135	FPFnk-1c	199	Soca -1c
008	Goa1 -4d	072	PpTek-1E	136	FPFnk-1d	200	Soca -1d
009	Goa1 -5E	073	PpTek-2a	137	FPFnk-1l	201	Soca -1l
010	Goa2 -1a	074	PpTek-2l	138	FPFnk-1E	202	Soca -1E
011	Goa2 -1b	075	PpTek-3b	139	FPFnk-2c	203	Soca -2a
012	Goa2 -1c	076	PpTek-3d	140	ColRk-b	204	Soca -2b
013	Goa2 -1l	077	PpTek-4c	141	ColRk-E	205	Soca -2c
014	Goa2 -1E	078	PpTek-4E	142	16Bld-1l	206	Soca -2d
015	Goa2 -2a	079	PpTek-5l	143	16Bld-1E	207	Soca -2l
016	Goa2 -2c	080	EuTek-1a	144	16Bld-2b	208	Soca -2E
017	Goa2 -2E	081	EuTek-1b	145	Fuson-a	209	Cajun-b
018	Goa2 -3b	082	EuTek-1c	146	Fuson-b	210	Cajun-c
019	Goa2 -4d	083	EuTek-1l	147	Fuson-c	211	Cajun-d
020	Goa2 -5d	084	EuTek-2a	148	Fuson-d	212	Cajun-E
021	Goa2 -6d	085	Euro1-1l	149	Fuson-l		
022	Goa2 -7l	086	Euro1-1E	150	Fuson-E		
023	Goa2 -7E	087	Euro1-2a	151	Fnsn-a		
024	Goa2 -8l	088	Euro1-3b	152	FnFsn-c		
025	Goa2 -9E	089	Euro2-1a	153	JzFnk-b		
026	Elect-1a	090	Euro2-2a	154	JzFnk-d		
027	Elect-1c	091	Euro2-3b	155	JzFnk-E		
028	Elect-2a	092	Euro2-3E	156	AcJz-d		
029	Elect-2c	093	House-1a	157	AcJz-E		
030	Elect-3a	094	House-1c	158	Soul -a		
031	EJ -1a	095	House-1E	159	Soul -b		
032	EJ -1l	096	House-2b	160	Soul -c		
033	EJ -1E	097	House-2d	161	Soul -l		
034	EJ -2a	098	House-2l	162	Soul -E		
035	EJ -2c	099	House-3b	163	CFolk-a		
036	EJ -2d	100	House-3d	164	CFolk-b		
037	EJ -3b	101	GrnBt-1a	165	CFolk-c		
038	EJ -3d	102	GrnBt-1b	166	CFolk-d		
039	EJ -4E	103	GrnBt-1d	167	CFolk-l		
040	DrBa1-1a	104	GrnBt-1E	168	CFolk-E		
041	DrBa1-1l	105	GrnBt-2a	169	AfrJz-l		
042	DrBa1-2b	106	GrnBt-2b	170	AfrJz-E		
043	DrBa3-1a	107	GrnBt-3b	171	Salsa-a		
044	DrBa3-1b	108	GrnBt-3E	172	Salsa-b		
045	DrBa3-1l	109	HipHp-1a	173	Salsa-c		
046	DrBa3-1E	110	HipHp-1b	174	Salsa-d		
047	DrBa3-2a	111	HipHp-1l	175	Salsa-l		
048	DrBa3-2b	112	HipHp-1E	176	Salsa-E		
049	DrBa3-2c	113	HipHp-2b	177	Samba-1a		
050	PpJng-1b	114	PpHip-b	178	Samba-1c		
051	PpJng-1l	115	PpHip-d	179	Samba-1l		
052	PpJng-1E	116	PpHip-l	180	Samba-1E		
053	PpJng-2b	117	PpHip-E	181	Samba-2a		
054	PpJng-2E	118	Smth2-b	182	Samba-2c		
055	UKTek-a	119	Smth2-c	183	Samba-2l		
056	UKTek-b	120	Smth2-d	184	Samba-2E		
057	UKTek-c	121	Smth2-E	185	Merng-a		
058	UKTek-d	122	NJSwn-1a	186	Merng-b		
059	UKTek-l	123	NJSwn-1c	187	Merng-c		
060	UKTek-E	124	NJSwn-1d	188	Merng-l		
061	MnTrn-1a	125	NJSwn-1l	189	Merng-E		
062	MnTrn-1c	126	NJSwn-1E	190	Mambo-l		
063	MnTrn-1l	127	NJSwn-2b	191	Mambo-E		
064	MnTrn-1E	128	NJSwn-2l	192	Rege1-l		

**Phrase Category=KR: Keyboard Riff**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name	No.	Name	No.	Name	No.	Name
001	Rap -b	065	Game -1b	129	Polka-E	001	PpWlz-1l
002	Rap -c	066	Game -1d	130	Begin-b	002	PpWlz-2c
003	Rap -d	067	Game -2b	131	Begin-d	003	CWalz-a
004	Rap -l	068	Game -2d	132	Begin-l	004	CWalz-b
005	Rap -E	069	PpShf-l	133	Begin-E	005	CWalz-c
006	MdRk1-b	070	DtrPp-1l	134	Tango-a	006	CWalz-d
007	MdRk1-l	071	DtrPp-1E	135	Tango-b	007	CWalz-l
008	MdRk1-E	072	DtrPp-2b	136	Tango-c	008	CWalz-E
009	RkShf-l	073	DtrPp-2d	137	Tango-d	009	SIWlz-b
010	RkShf-E	074	DtrPp-2l	138	Tango-l	010	SIWlz-c
011	NewWVv-b	075	DtrPp-2E	139	Tango-E	011	SIWlz-l
012	NewWVv-d	076	R&B -b	140	SpOpr-a	012	SIWlz-E
013	NewWVv-l	077	R&B -l	141	SpOpr-c	013	VnWlz-a
014	NewWVv-E	078	8Dtro-1d	142	SpOpr-l	014	VnWlz-b
015	Brtpp-c	079	8Dtro-1E	143	SpOpr-E	015	VnWlz-c
016	Brtpp-l	080	8Dtro-2a			016	VnWlz-d
017	Brtpp-E	081	8Dtro-2d			017	VnWlz-l
018	PubRk-l	082	8Dtro-3b			018	VnWlz-E
019	PubRk-E	083	8Dtro-3c				
020	HdRck-l	084	BluSh-l				
021	HdRck-E	085	BluSh-E				
022	6/8HR-l	086	SIBlu-a				
023	PnoBd-l	087	SIBlu-b				
024	PnoBd-E	088	SIBlu-c				
025	ArpBd-1a	089	SIBlu-d				
026	ArpBd-1b	090	SIBlu-l				
027	ArpBd-1c	091	SIBlu-E				
028	ArpBd-1d	092	Gospl-1b				
029	ArpBd-1l	093	Gospl-1l				
030	ArpBd-1E	094	Gospl-2l				
031	ArpBd-2a	095	Blgrs-a				
032	ArpBd-2b	096	Blgrs-b				
033	ArpBd-2c	097	Blgrs-d				
034	ArpBd-2d	098	Blgrs-l				
035	LtnBd-b	099	Blgrs-E				
036	LtnBd-l	100	Comb1-l				
037	LtnBd-E	101	Comb2-d				
038	6/8Bd-1a	102	Comb2-l				
039	6/8Bd-1b	103	Comb2-E				
040	6/8Bd-1l	104	JzBld-1d				
041	6/8Bd-1E	105	JzBld-2a				
042	6/8Bd-2d	106	JzBld-2b				
043	LiteP-1a	107	JzBld-2c				
044	LiteP-1b	108	JzBld-2l				
045	LiteP-1c	109	JzBld-2E				
046	LiteP-1d	110	ColJz-l				
047	LiteP-1l	111	ColJz-E				
048	LiteP-1E	112	Rumba-l				
049	LiteP-2c	113	Rumba-E				
050	LiteP-2d	114	Rege2-1a				
051	LiteP-2l	115	Rege2-1l				
052	LiteP-2E	116	Rege2-1E				
053	AOR -1a	117	Rege2-2b				
054	AOR -1b	118	Klzmr-E				
055	AOR -1c	119	Enka -1c				
056	AOR -1l	120	Enka -1d				
057	AOR -1E	121	Enka -1l				
058	AOR -2a	122	Enka -1E				
059	AOR -2c	123	Enka -2b				
060	AOR -2l	124	Polka-a				
061	AOR -2E	125	Polka-b				
062	AOR -3b	126	Polka-c				
063	AOR -3d	127	Polka-d				
064	AOR -3E	128	Polka-l				

**Phrase Category=PD: Pad**

**Beat=16 beat**

No.	Name	No.	Name
001	Goa1 -E	065	Soul -2a
002	DrBa1-a	066	Soul -2b
003	DrBa1-b	067	Soul -2c
004	DrBa1-c	068	Soul -2d
005	DrBa1-d	069	Soul -2E
006	DrBa1-l	070	Rege1-b
007	DrBa1-E	071	Rege1-d
008	DrBa3-1a	072	Rege1-E
009	DrBa3-1b		
010	DrBa3-1E		
011	DrBa3-2E		
012	PpJng-b		
013	PpJng-E		
014	UKTek-a		
015	UKTek-b		
016	UKTek-l		
017	UKTek-E		
018	PpTek-E		
019	EuTek-a		
020	EuTek-c		
021	EuTek-l		
022	EuTek-E		
023	HipHp-b		
024	HipHp-l		
025	HipHp-E		
026	Smth2-a		
027	Smth2-l		
028	NJSwn-b		
029	NJSwn-d		
030	NJSwn-l		
031	NJSwn-E		
032	Disco-b		
033	DFnk1-b		
034	DFnk1-E		
035	16Rck-b		
036	16Rck-c		
037	16Rck-d		
038	16Rck-l		
039	16Rck-E		
040	16Bld-l		
041	16Bld-E		
042	PopBd-a		
043	PopBd-b		
044	PopBd-d		
045	PopBd-l		
046	PopBd-E		
047	24Pop-a		
048	24Pop-b		
049	24Pop-d		
050	24Pop-l		
051	24Pop-E		
052	LtFsn-a		
053	LtFsn-b		
054	LtFsn-c		
055	LtFsn-d		
056	LtFsn-l		
057	LtFsn-E		
058	AcdJz-E		
059	Soul -1a		
060	Soul -1b		
061	Soul -1c		
062	Soul -1d		
063	Soul -1l		
064	Soul -1E		

**Beat=8 beat**

No.	Name
001	Rap -a
002	Rap -b
003	Rap -d
004	Rap -l
005	Rap -E
006	MdRk1-a
007	MdRk1-b
008	MdRk1-c
009	MdRk1-l
010	MdRk1-E
011	MdRk2-a
012	MdRk2-E
013	Brtpb-b
014	Brtpb-d
015	PnoBd-a
016	PnoBd-b
017	PnoBd-c
018	PnoBd-d
019	PnoBd-l
020	PnoBd-E
021	ArpBd-a
022	ArpBd-E
023	6/8Bd-a
024	6/8Bd-b
025	6/8Bd-c
026	6/8Bd-l
027	6/8Bd-E
028	LiteP-b
029	LiteP-d
030	LiteP-l
031	LiteP-E
032	PpShf-b
033	Oldis-b
034	Oldis-d
035	Oldis-l
036	Oldis-E
037	Enka -l
038	Enka -E
039	ChaCh-a
040	ChaCh-b
041	ChaCh-c
042	ChaCh-E
043	Begin-a
044	Begin-c
045	Begin-l
046	Begin-E
047	Tango-a
048	Tango-b
049	Tango-c
050	Tango-d
051	Tango-l
052	Foxtr-a
053	Foxtr-b
054	Foxtr-c
055	Foxtr-d
056	Foxtr-E
057	SpOpr-b
058	SpOpr-d
059	SpOpr-l

**Beat=3/4 beat**

No.	Name
001	PpWlz-b
002	PpWlz-d
003	PpWlz-l
004	PpWlz-E
005	SIWlz-a
006	SIWlz-b
007	SIWlz-c
008	SIWlz-d
009	SIWlz-l
010	SIWlz-E
011	VnWlz-a
012	VnWlz-b
013	VnWlz-c
014	VnWlz-d
015	VnWlz-l
016	VnWlz-E

**Phrase Category=BR: Brass**  
**Beat=16 beat**

No.	Name	No.	Name	No.	Name
001	HipHp-c	065	JBFnk-2c	129	Soca -1c
002	PpHip-a	066	JBFnk-2d	130	Soca -1l
003	Smth1-1b	067	JBFnk-2l	131	Soca -2b
004	Smth1-1c	068	JBFnk-2E	132	Soca -2c
005	Smth1-1d	069	AfrJz-1b	133	Soca -2l
006	Smth1-1l	070	AfrJz-1d	134	HLife-1b
007	Smth1-1E	071	AfrJz-1l	135	HLife-1c
008	Smth1-2b	072	AfrJz-1E	136	HLife-1d
009	Smth1-2c	073	AfrJz-2b	137	HLife-1l
010	Smth1-2d	074	AfrJz-2d	138	HLife-1E
011	Smth1-2l	075	AfrJz-2l	139	HLife-2b
012	Smth1-2E	076	AfrJz-2E	140	HLife-2c
013	Smth2-1	077	AfrJz-3b	141	HLife-2d
014	Smth2-E	078	AfrJz-3d	142	HLife-2l
015	Disco-b	079	AfrJz-3l	143	HLife-2E
016	Disco-c	080	AfrJz-3E	144	Sowet-1b
017	Disco-d	081	Salsa-a	145	Sowet-1c
018	Disco-l	082	Salsa-b	146	Sowet-1d
019	Disco-E	083	Salsa-l	147	Sowet-1E
020	DFnk1-a	084	Salsa-E	148	Sowet-2b
021	DFnk1-b	085	Merng-1a	149	Sowet-2c
022	DFnk1-c	086	Merng-1b	150	Sowet-2d
023	DFnk1-d	087	Merng-1c	151	Sowet-2E
024	DFnk1-l	088	Merng-1d	152	Cajun-a
025	DFnk1-E	089	Merng-1l	153	Cajun-b
026	DFnk2-1a	090	Merng-1E	154	Cajun-d
027	DFnk2-1b	091	Merng-2a	155	Cajun-l
028	DFnk2-1d	092	Merng-2b		
029	DFnk2-1l	093	Merng-2c		
030	DFnk2-1E	094	Merng-2d		
031	DFnk2-2b	095	Merng-2l		
032	DFnk2-2d	096	Merng-2E		
033	DFnk2-2E	097	Merng-3a		
034	Fuson-b	098	Merng-3b		
035	Fuson-d	099	Merng-3c		
036	Fuson-l	100	Merng-3d		
037	Fuson-E	101	Merng-3l		
038	LtFsn-b	102	Merng-3E		
039	LtFsn-d	103	Mambo-1a		
040	LtFsn-l	104	Mambo-1b		
041	LtFsn-E	105	Mambo-1c		
042	FnFsn-a	106	Mambo-1d		
043	FnFsn-b	107	Mambo-1l		
044	FnFsn-c	108	Mambo-1E		
045	FnFsn-d	109	Mambo-2a		
046	FnFsn-E	110	Mambo-2b		
047	JzFnk-b	111	Mambo-2c		
048	JzFnk-c	112	Mambo-2d		
049	JzFnk-d	113	Mambo-2l		
050	JzFnk-l	114	Mambo-2E		
051	JzFnk-E	115	Mambo-3a		
052	AcJz-a	116	Mambo-3b		
053	AcJz-c	117	Mambo-3c		
054	AcJz-d	118	Mambo-3d		
055	AcJz-l	119	Mambo-3l		
056	AcJz-E	120	Mambo-3E		
057	JBFnk-1a	121	Rege1-c		
058	JBFnk-1b	122	Rege1-d		
059	JBFnk-1c	123	Rege1-l		
060	JBFnk-1d	124	Rege1-E		
061	JBFnk-1l	125	DHReg-b		
062	JBFnk-1E	126	DHReg-d		
063	JBFnk-2a	127	DHReg-E		
064	JBFnk-2b	128	Soca -1b		

**Beat=8 beat**

No.	Name	No.	Name	No.	Name
001	6/8Bd-l	065	BgBnd-1c	129	Dixie-1a
002	6/8Bd-E	066	BgBnd-1d	130	Dixie-1b
003	LtnPp-a	067	BgBnd-1l	131	Dixie-1c
004	LtnPp-b	068	BgBnd-1E	132	Dixie-1d
005	LtnPp-c	069	BgBnd-2a	133	Dixie-1l
006	LtnPp-d	070	BgBnd-2b	134	Dixie-1E
007	LtnPp-l	071	BgBnd-2c	135	Dixie-2a
008	LtnPp-E	072	BgBnd-2d	136	Dixie-2b
009	PpShf-b	073	BgBnd-2l	137	Dixie-2c
010	PpShf-d	074	BgBnd-2E	138	Dixie-2d
011	PpShf-l	075	BgBnd-3a	139	Dixie-2l
012	PpShf-E	076	BgBnd-3b	140	Dixie-2E
013	R&B -1a	077	BgBnd-3c	141	ChaCh-1b
014	R&B -1b	078	BgBnd-3d	142	ChaCh-1c
015	R&B -1c	079	BgBnd-3l	143	ChaCh-1d
016	R&B -1d	080	BgBnd-3E	144	ChaCh-1l
017	R&B -1l	081	ColJz-1a	145	ChaCh-1E
018	R&B -1E	082	ColJz-1b	146	ChaCh-2b
019	R&B -2a	083	ColJz-1c	147	ChaCh-2d
020	R&B -2b	084	ColJz-1d	148	ChaCh-2l
021	R&B -2c	085	ColJz-1l	149	ChaCh-2E
022	R&B -2d	086	ColJz-1E	150	March-1a
023	R&B -2l	087	ColJz-2a	151	March-1b
024	R&B -2E	088	ColJz-2b	152	March-1c
025	8Dtro-1b	089	ColJz-2c	153	March-1d
026	8Dtro-1d	090	ColJz-2d	154	March-1E
027	8Dtro-1l	091	ColJz-2l	155	March-2a
028	8Dtro-1E	092	ColJz-2E	156	March-2b
029	8Dtro-2l	093	Bossa-1	157	March-2c
030	8Dtro-2E	094	Bossa-E	158	March-2d
031	6/8RB-b	095	Rumba-1b	159	March-2E
032	6/8RB-c	096	Rumba-1d	160	March-3a
033	6/8RB-d	097	Rumba-2b	161	March-3b
034	6/8RB-l	098	Rumba-2d	162	March-3d
035	6/8RB-E	099	Ska -1a	163	March-3E
036	BluSh-1a	100	Ska -1b	164	March-4a
037	BluSh-1b	101	Ska -1c	165	March-4b
038	BluSh-1c	102	Ska -1d	166	March-4c
039	BluSh-1d	103	Ska -1l	167	March-4d
040	BluSh-1l	104	Ska -1E	168	March-4E
041	BluSh-1E	105	Ska -2a	169	68Mrc-1a
042	BluSh-2a	106	Ska -2l	170	68Mrc-1b
043	BluSh-2b	107	Ska -2E	171	68Mrc-1c
044	BluSh-2c	108	Ska -3b	172	68Mrc-1d
045	BluSh-2d	109	Ska -3c	173	68Mrc-1E
046	BluSh-2l	110	Ska -3d	174	68Mrc-2a
047	BluSh-2E	111	Ska -3l	175	68Mrc-2b
048	SIBlu-1d	112	Ska -3E	176	68Mrc-2c
049	SIBlu-1l	113	Klzmr-1a	177	68Mrc-2d
050	SIBlu-1E	114	Klzmr-1b	178	68Mrc-2E
051	SIBlu-2d	115	Klzmr-1c	179	68Mrc-3a
052	SIBlu-2l	116	Klzmr-1d	180	68Mrc-3b
053	SIBlu-2E	117	Klzmr-1E	181	68Mrc-3c
054	Oldis-a	118	Klzmr-2a	182	68Mrc-3E
055	Oldis-c	119	Klzmr-2b	183	68Mrc-4b
056	Oldis-l	120	Klzmr-2c	184	68Mrc-4d
057	Oldis-E	121	Klzmr-2d	185	68Mrc-4E
058	Comb2-1d	122	Klzmr-2E	186	SpOpr-1a
059	Comb2-1l	123	Polka-a	187	SpOpr-1c
060	Comb2-1E	124	Polka-b	188	SpOpr-1l
061	Comb2-2l	125	Polka-c	189	SpOpr-1E
062	Comb2-2E	126	Polka-d	190	SpOpr-2a
063	BgBnd-1a	127	Polka-l	191	SpOpr-2b
064	BgBnd-1b	128	Polka-E	192	SpOpr-2d



**Beat=3/4 beat**

No.	Name
193	SpOpr-2I
194	SpOpr-2E

No.	Name
001	PpWiz-I

**Phrase Category=SE: Sound Effects**

**Beat=16 beat**

**Beat=8 beat**

**Beat=3/4 beat**

No.	Name
001	Goa1 -a
002	Goa1 -c
003	Goa2 -I
004	Elect-1b
005	Elect-1d
006	Elect-2d
007	Elect-3E
008	DrBa1-a
009	DrBa2-1a
010	DrBa2-2b
011	DrBa2-3b
012	DrBa2-4I
013	DrBa2-4E
014	DrBa3-I
015	DrBa3-E
016	PpJng-a
017	MnTrn-I
018	GmBt-a
019	GmBt-E
020	HipHp-1c
021	HipHp-1d
022	HipHp-2d
023	PpHip-b
024	PpHip-c
025	PpHip-d
026	HdCor-b
027	HdCor-I
028	16Hrd-c
029	16Hrd-E
030	Amrc2-1c
031	Amrc2-2d
032	Amrc2-2E
033	DHReg-1a
034	DHReg-1c
035	DHReg-1d
036	DHReg-1I
037	DHReg-1E

No.	Name
001	PrgRk-c
002	RkShf-c
003	HdRck-a
004	HdRck-c
005	HdRck-E
006	Speed-d
007	Speed-I
008	MtBgy-d
009	MtBgy-I
010	MtBgy-E
011	Game -1b
012	Game -1d
013	Game -1I
014	Game -2b
015	Game -2c
016	Game -2I
017	Game -2E
018	6/8RB-c
019	6/8RB-d
020	6/8RB-I
021	6/8RB-E
022	Gospl-1a
023	Gospl-1c
024	Gospl-1d
025	Gospl-1I
026	Gospl-1E
027	Gospl-2I
028	Gospl-2E
029	RkRol-I
030	RkRol-E
031	Surf -1b
032	Surf -1I
033	Surf -1E
034	Surf -2c
035	Surf -2I
036	Surf -2E

No.	Name
001	Wonder

# Chord Type List

**Chord Type**

M  
major  
1, 3, 5

Read

Scale degrees  
1:Root  
3:3rd above root  
5:5th above root

Notes in chord when root is C.  
1:C, 3:E, 5:G

7(#9)  
seventh sharp ninth  
1, 3, 5, ♭7, #9

7(♭9)  
seventh flattened ninth  
1, 3, 5, ♭7, ♭9

7(♭13)  
seventh added flattened thirteenth  
1, 3, 5, ♭7, ♭13

7(13)  
seventh added thirteenth  
1, 3, 5, ♭7, 13

7(#11)  
seventh added sharp eleventh  
1, 3, 5, ♭7, #11

7(#5)  
seventh sharp fifth  
1, 3, #5, ♭7

add9  
added ninth  
1, 3, 5, 9

M  
major  
1, 3, 5

M7(9)  
major seventh ninth  
1, 3, 5, 7, 9




M7  
major seventh  
1, 3, 5, 7









aug  
augmented  
1, 3, #5

6  
sixth  
1, 3, 5, 6

7(9)  
seventh ninth  
1, 3, 5, ♭7, 9

7  
seventh  
1, 3, 5, ♭7

<p style="text-align: center;"><b>7sus4</b> seventh suspended fourth</p> <p style="text-align: center;">1, 4, 5, ♭7</p> 	<p style="text-align: center;">*2    --- non-ABC</p> <p>The "---" chord type marking is a special "non-ABC" type that can be used to transpose accompaniment patterns to the selected chord root without re-harmonization.</p>
<p style="text-align: center;"><b>sus4</b> suspended fourth</p> <p style="text-align: center;">1, 4, 5</p> 	<p style="text-align: center;"><b>dim</b> diminished</p> <p style="text-align: center;">1, ♭3, ♭5, 6</p> 

<p style="text-align: center;">*1 <b>madd9</b> minor added ninth</p> <p style="text-align: center;">1, ♭3, 5, 9</p> 	<p style="text-align: center;"><b>m7(9)</b> minor seventh ninth</p> <p style="text-align: center;">1, ♭3, 5, ♭7, 9</p> 	<p style="text-align: center;"><b>mM7</b> minor major seventh</p> <p style="text-align: center;">1, ♭3, 5, 7</p> 	<p style="text-align: center;"><b>m7(11)</b> minor seventh added eleventh</p> <p style="text-align: center;">1, ♭3, 5, ♭7, 11</p> 
<p style="text-align: center;"><b>m</b> minor</p> <p style="text-align: center;">1, ♭3, 5</p> 	<p style="text-align: center;"><b>m7</b> minor seventh</p> <p style="text-align: center;">1, ♭3, 5, ♭7</p> 	<p style="text-align: center;"><b>m6</b> minor sixth</p> <p style="text-align: center;">1, ♭3, 5, 6</p> 	<p style="text-align: center;"><b>m7(♭5)</b> minor seventh flatted fifth</p> <p style="text-align: center;">1, ♭3, ♭5, ♭7</p> 

\*1 Due to space limitations, "add9", for madd9 (minor added ninth) chords, is indicated above "m" on the micro keyboard.

\*2 Some preset patterns have their own chord progressions. Use the "---" (non-ABC) to retain the "character" of the chord progressions when playing these patterns.

# Fingered Chord List

■ Using the Fingered Chord function, press the keyboard keys, as shown in the chart, to input chord types.  
(Notes in chord when root is C.)

<b>C</b> 	<b>Cadd9</b> 	<b>CM7</b> 	<b>CM7(9)</b> 
<b>C6</b> 	<b>Caug</b> 	<b>C7</b> 	<b>C7(9)</b> 
<b>C7(b9)</b> 	<b>C7(#9)</b> 	<b>C7(13)</b> 	<b>C7(b13)</b> 
<b>C7(#5)</b> 	<b>C7(#11)</b> 	<b>Cm</b> 	<b>Cmadd9</b> 
<b>Cm7</b> 	<b>Cm7(9)</b> 	<b>Cm6</b> 	<b>CmM7</b> 
<b>Cm7(b5)</b> 	<b>Cm7(11)</b> 	<b>Csus4</b> 	<b>C7sus4</b> 
<b>Cdim</b> 			

## Chord Template List

#	Name	Chord Progression Type	#	Name	Chord Progression Type
00	USR	User	49	OnBAS-M1	On-Bass 1
01	POPS-M01	Pops type 1	50	OnBAS*M1	On-Bass 1 : (Double time feel)
02	POPS*M01	Pops type 1 : (Double time feel)	51	OnBAS-M2	On-Bass 2
03	POPS-M02	Pops type 2	52	OnBAS-m2	On-Bass 2 : (Minor)
04	POPS-m02	Pops type 2 : (Double time feel)(Minor)	53	OnBAS*M2	On-Bass 2 : (Double time feel)
05	POPS*M02	Pops type 2 : (Double time feel)	54	OnBAS*m2	On-Bass 2 : (Minor)(Double time feel)
06	POPS*m02	Pops type 2 : (Minor)(Double time feel)	55	OnBAS-M3	On-Bass 3
07	POPS-M03	Pops type 3	56	OnBAS*M3	On-Bass 3 : (Double time feel)
08	POPS*M03	Pops type 3 : (Double time feel)	57	OnBAS-M4	On-Bass 4
09	POPS-M04	Pops type 4	58	OnBAS*M4	On-Bass 4 : (Double time feel)
10	POPS*M04	Pops type 4 : (Double time feel)	59	OnBAS-M5	On-Bass 5
11	POPS-M05	Pops type 5 : Starts with 4th	60	OnBAS-m5	On-Bass 5 : (Minor)
12	POPS*M05	Pops type 5 : Starts with 4th (Double time feel)	61	OnBAS*M5	On-Bass 5 : (Double time feel)
13	POPS-M06	Pops type 6 : Starts with minor 6th	62	OnBAS*m5	On-Bass 5 : (Minor)(Double time feel)
14	POPS*M06	Pops type 6 : Starts with minor 6th (Double time feel)	63	OnBAS-M6	On-Bass 6
15	POPS-m07	Pops type 7 : Progresses in 4ths	64	OnBAS*M6	On-Bass 6 : (Double time feel)
16	POPS*m07	Pops type 7 : Progresses in 4ths (Double time feel)	65	OnBAS-M7	On-Bass 7
17	POPS-M08	Pops type 8 : J-Techno	66	OnBAS-m7	On-Bass 7 : (Minor)
18	POPS*M08	Pops type 8 : J-Techno (Double time feel)	67	OnBAS*M7	On-Bass 7 : (Double time feel)
19	POPS-M09	Pops type 9	68	OnBAS*m7	On-Bass 7 : (Minor)(Double time feel)
20	POPS*M09	Pops type 9 : (Double time feel)	69	CLCHE-M1	Cliché type 1
21	POPS-M10	Pops type 10	70	CLCHE*M1	Cliché type 1 : (Double time feel)
22	POPS*M10	Pops type 10 : (Double time feel)	71	CLCHE-M2	Cliché type 2
23	POPS-M11	Pops type 11	72	CLCHE-m2	Cliché type 2 : (Minor)
24	POPS*M11	Pops type 11 : (Double time feel)	73	CLCHE*M2	Cliché type 2 : (Double time feel)
25	BALAD-M1	Ballad type 1	74	CLCHE*m2	Cliché type 2 : (Minor)(Double time feel)
26	BALAD-m1	Ballad type 1 : (Minor)	75	CLCHE-M3	Cliché type 3
27	BALAD*M1	Ballad type 1 : (Double time feel)	76	CLCHE-m3	Cliché type 3 : (Minor)
28	BALAD*m1	Ballad type 1 : (Minor)(Double time feel)	77	CLCHE*M3	Cliché type 3 : (Double time feel)
29	BALAD-M2	Ballad type 2	78	CLCHE*m3	Cliché type 3 : (Minor)(Double time feel)
30	BALAD*M2	Ballad type 2 : (Double time feel)	79	CLCHE-m4	Cliché type 4
31	BALAD-M3	Ballad type 3	80	CLCHE*M4	Cliché type 4 : (Double time feel)
32	BALAD*M3	Ballad type 3 : (Double time feel)	81	CLCHE-M5	Cliché type 5
33	BALAD-M4	Ballad type 4	82	CLCHE*M5	Cliché type 5 : (Double time feel)
34	BALAD*M4	Ballad type 4 : (Double time feel)	83	CLCHE-m6	Cliché type 6
35	BALAD-M5	Ballad type 5	84	CLCHE*m6	Cliché type 6 : (Double time feel)
36	BALAD*M5	Ballad type 5 : (Double time feel)	85	TENSN-M1	Tension type 1
37	BALAD-m6	Ballad type 6 : Progresses in 4ths	86	TENSN-m1	Tension type 1 : (Minor)
38	BALAD*M6	Ballad type 6 : Progresses in 4ths (Double time feel)	87	TENSN*M1	Tension type 1 : (Double time feel)
39	BLUES-M1	Blues 1 : for Rock and Blues	88	TENSN*m1	Tension type 1 : (Minor) (Double time feel)
40	BLUES-m1	Blues 1 : for Rock and Blues (Minor)	89	TENSN-M2	Tension type 2
41	BLUES*M1	Blues 1 : for Rock and Blues (Double time feel)	90	TENSN-m2	Tension type 2 : (Minor)
42	BLUES*m1	Blues 1 : for Rock and Blues (Minor)(Double time feel)	91	TENSN*M2	Tension type 2 : (Double time feel)
43	BLUES-M2	Blues 2 : for Jazz	92	TENSN*m2	Tension type 2 : (Minor) (Double time feel)
44	BLUES*M2	Blues 2 : for Jazz (Double time feel)	93	TENSN-m3	Tension type 3
45	BLUES-m3	Blues 3 : for Jazz	94	TENSN*M3	Tension type 3 : (Double time feel)
46	BLUES*M3	Blues 3 : for Jazz (Double time feel)	95	TENSN-m4	Tension type 4
47	BLUES-M4	Blues 4 : for Blues	96	TENSN*m4	Tension type 4 : (Double time feel)
48	BLUES*M4	Blues 4 : for Blues (Double time feel)	97	TENSN-M5	Tension type 5
			98	TENSN*M5	Tension type 5 : (Double time feel)
			99	DIATONIC	Diatonic chord

## Groove Template List

#	Template Name	#	Template Name
01	32Quantize	51	16SlipBeat
02	24Quantize	52	16 Swing
03	16Quantize	53	16Swing+24
04	16+24Quant	54	16LiteSwn1
05	12Quantize	55	16LiteSwn2
06	08Quantize	56	16MidSwing
07	08+12Quant	57	16HevySwng
08	06Quantize	58	16FullSwng
09	04Quantize	59	16 Tardy
10	32 Swing	60	16 WayBack
11	24>16+12	61	16 Zydeco
12	24>16+12of	62	12>8+6
13	24 Drunk	63	12>8+6 ofs
14	24 Sambody	64	12 Ashanti
15	24Shfflin1	65	12AshntRev
16	24Shfflin2	66	12 Drunk
17	16AccntDwn	67	12 Ju-Ju
18	16AccentUp	68	12Ju-JuRev
19	16AcidJazz	69	12Shfflin1
20	16 Baion	70	12Shfflin2
21	16BaionBmb	71	12Shfflin3
22	16Batucada	72	08'70Disco
23	16beatRock	73	08AccntDwn
24	16 Bomba	74	08AccentUp
25	16 Caixa	75	08 Charlie
26	16 Cuban	76	08 Drunk
27	16 Drunk	77	08 Late1&3
28	16 Dun-Dun	78	08 Late2
29	16GetFunky	79	08 Late2&3
30	16Guaguanc	80	08 Late2&4
31	16 HipHop	81	08 Late234
32	16 House	82	08 Push 1
33	16 Jungle	83	08 Push 3
34	16 Late 2	84	08 Push1&3
35	16 Late2&4	85	08 Push2&4
36	16 Late234	86	08 Push234
37	16 Later	87	08 PushAll
38	16LatinRck	88	08PushStrg
39	16Overeasay	89	08 Swing
40	16 Push1&3	90	08Swing+12
41	16 Push2&4	91	08 HardBop
42	16 Push234	92	08 Bebop
43	16 PushAll	93	08 UpSwing
44	16 Rap	94	08MidSwing
45	16Repiniqu	95	08SlowSwng
46	16Roadhous	96	08JzBallad
47	16 Robot	97	08 WayBack
48	16Rustaman	98	06>4+3
49	16 Samba	99	06>4+3 ofs
50	16 UpSamba	100	04 Swing

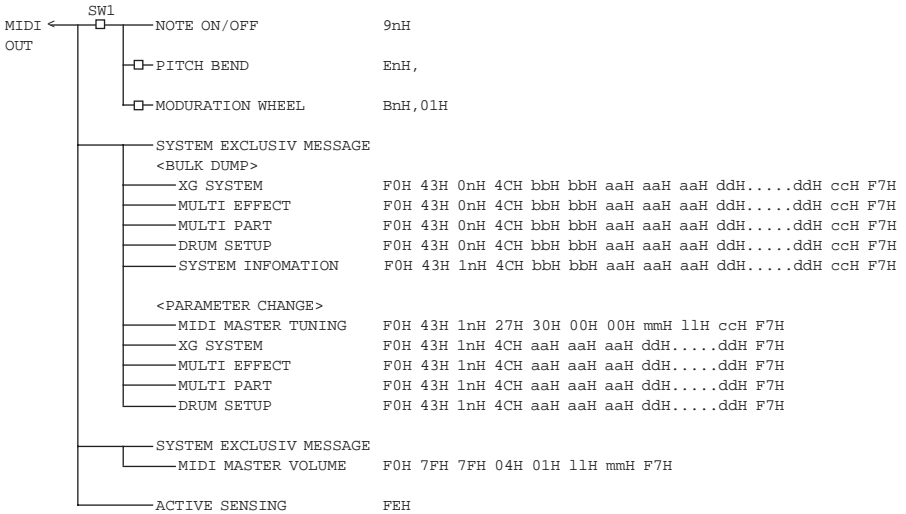
<b>Drum Table</b>
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No.	Category	Instrument
1	Bass Drum	Bass Drum L
2		Bass Drum M
3		Bass Drum H
4	Snare	Snare L
5		Snare M
6		Snare H
7		Open Rimshot
8		Brush Slap
9		Side Stick
10		Hand Clap
11		Mid Tom
12	Hi Hat	Ride Cymbal
13		Cabasa
14		Maracas
15		Triangle
16		Shaker
17		Tambourine
18	Bongo-Conga	Bongo-Conga
19	Solo	Solo BassDr
20		Solo SnareDr
21		Solo Hi-Hat
22	Mute	Mute BassDr
23		Mute SnareDr
24		Mute Hi-Hat

# MIDI Data Format

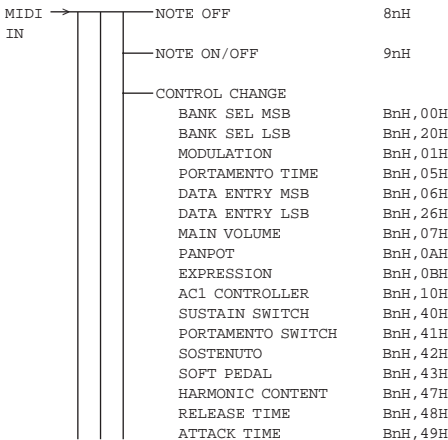
## ■ Tone generator part

### (1) TRANSMIT FLOW



SW1 □ MIDI Transmit Channel  
The MIDI Transmit Channel is selected with track select.

### (2) RECEIVE FLOW





# M I D I D a t a F o r m a t

BRIGHTNESS	BnH, 4AH
PORTAMENTO CONTROL	BnH, 54H
EFFECT SEND LEVEL 1	BnH, 5BH
EFFECT SEND LEVEL 3	BnH, 5DH
EFFECT SEND LEVEL 4	BnH, 5EH
DATA ENTRY INC	BnH, 60H
DATA ENTRY DEC	BnH, 61H
NRPN	
VIBRATO RATE	BnH, 63H, 01H, 62H, 08H, 06H, mmH
VIBRATO DEPTH	BnH, 63H, 01H, 62H, 09H, 06H, mmH
VIBRATO DELAY	BnH, 63H, 01H, 62H, 0AH, 06H, mmH
FILTER CUTOFF FREQ.	BnH, 63H, 01H, 62H, 20H, 06H, mmH
FILTER RESONANCE	BnH, 63H, 01H, 62H, 21H, 06H, mmH
AEG ATTACK TIME	BnH, 63H, 01H, 62H, 63H, 06H, mmH
AEG DECAY TIME	BnH, 63H, 01H, 62H, 64H, 06H, mmH
AEG RELEASE TIME	BnH, 63H, 01H, 62H, 66H, 06H, mmH
DRUM INST	
CUTOFF FREQ.	BnH, 63H, 14H, 62H, rrH, 06H, mmH
FILTER RESONANCE	BnH, 63H, 15H, 62H, rrH, 06H, mmH
AEG ATTACK RATE	BnH, 63H, 16H, 62H, rrH, 06H, mmH
AEG DECAY RATE	BnH, 63H, 17H, 62H, rrH, 06H, mmH
PITCH COARSE	BnH, 63H, 18H, 62H, rrH, 06H, mmH
LEVEL	BnH, 63H, 1AH, 62H, rrH, 06H, mmH
PANPOT	BnH, 63H, 1CH, 62H, rrH, 06H, mmH
REVERB SEND	BnH, 63H, 1DH, 62H, rrH, 06H, mmH
CHORUS SEND	BnH, 63H, 1EH, 62H, rrH, 06H, mmH
VARIATION SEND	BnH, 63H, 1FH, 62H, rrH, 06H, mmH
RPN	
PITCH BEND SENS.	BnH, 64H, 00H, 65H, 00H, 06H, mmH
FINE TUNING	BnH, 64H, 01H, 65H, 00H, 06H, mmH, 26H, 11H
COARSE TUNING	BnH, 64H, 02H, 65H, 00H, 06H, mmH
RPN RESET	BnH, 64H, 7FH, 65H, 7FH
ALL SOUND OFF	BnH, 78H, 00H
RESET ALL CONTROLLERS	BnH, 79H, 00H
ALL NOTE OFF	BnH, 7BH
OMNI MODE OFF	BnH, 7CH
OMNI MODE ON	BnH, 7DH
MONO MODE	BnH, 7EH
POLY MODE	BnH, 7FH
PROGRAM CHANGE	
PROGRAM CHANGE	CnH
CHANNEL AFTER TOUCH	
CHANNEL AFTER TOUCH	DnH
PITCH BEND CHANGE	
PITCH BEND CHANGE	EnH
SYSTEM EXCLUSIV MESSAGE	
<BULK DUMP>	
XG SYSTEM	F0H 43H 0nH 4CH bbH bbH aaH aaH aaH ddH....ddH ccH F7H
MULTI EFFECT	F0H 43H 0nH 4CH bbH bbH aaH aaH aaH ddH....ddH ccH F7H
MULTI PART	F0H 43H 0nH 4CH bbH bbH aaH aaH aaH ddH....ddH ccH F7H
DRUM SETUP	F0H 43H 0nH 4CH bbH bbH aaH aaH aaH ddH....ddH ccH F7H
<PARAMETER CHANGE>	
MIDI MASTER TUNING	F0H 43H 1nH 27H 30H 00H 00H mmH 11H ccH F7H
XG SYSTEM ON	F0H 43H 1nH 4CH 00H 00H 7EH 00H F7H
XG SYSTEM	F0H 43H 1nH 4CH aaH aaH aaH ddH....ddH F7H
MULTI EFFECT	F0H 43H 1nH 4CH aaH aaH aaH ddH....ddH F7H
MULTI PART	F0H 43H 1nH 4CH aaH aaH aaH ddH....ddH F7H
DRUM SETUP	F0H 43H 1nH 4CH aaH aaH aaH ddH....ddH F7H
<BULK DUMP REQUEST>	
XG SYSTEM	F0H 43H 2nH 4CH aaH aaH aaH F7H
MULTI EFFECT	F0H 43H 2nH 4CH aaH aaH aaH F7H
MULTI PART	F0H 43H 2nH 4CH aaH aaH aaH F7H
DRUM SETUP	F0H 43H 2nH 4CH aaH aaH aaH F7H
SYSTEM INFOMATION	F0H 43H 2nH 4CH aaH aaH aaH F7H

<PARAMETER REQUEST>	
XG SYSTEM	F0H 43H 3nH 4CH aaH aaH aaH F7H
MULTI EFFECT	F0H 43H 3nH 4CH aaH aaH aaH F7H
MULTI PART	F0H 43H 3nH 4CH aaH aaH aaH F7H
DRUM SETUP	F0H 43H 3nH 4CH aaH aaH aaH F7H
SYSTEM EXCLUSIV MESSAGE	
GM MODE ON	F0H 7EH 7FH 09H 01H F7H
MIDI MASTER VOLUME	F0H 7FH 7FH 04H 01H 11H mmH F7H
ACTIVE SENSING	FEH

### (3) TRANSMIT/RECEIVE DATA

#### (3-1) CHANNEL VOICE MESSAGES

##### (3-1-1) NOTE OFF

STATUS	1000nnnn (8nH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
NOTE NUMBER	0kkkkkkk	k = 0 (C-2) ~ 127 (G8)
VELOCITY	0vvvvvvv	v is ignored

Received only.

##### (3-1-2) NOTE ON/OFF

STATUS	1001nnnn (9nH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
NOTE NUMBER	0kkkkkkk	k = 0 (C-2) ~ 127 (G8)
VELOCITY	0vvvvvvv	(v≠0) NOTE ON (v=0) NOTE OFF
	00000000	

##### (3-1-3) PROGRAM CHANGE

STATUS	1100nnnn (CnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
PROGRAM NUMBER	0ppppppp	p = 0 ~ 127

\* The XG DRUM VOICE NUMBER corresponds to the PROGRAM NUMBER.

P = 1	DR1	Standard
P = 2	DR2	Standard2
P = 3	DR3	Dry
P = 4	DR4	bright
P = 9	DR5	Room
P = 10	DR6	Dark
P = 17	DR7	Rock
P = 18	DR8	Rock2
P = 25	DR9	Electro
P = 26	DR10	Analog
P = 27	DR11	Analog2
P = 28	DR12	Dance
P = 29	DR13	HipHop
P = 30	DR14	Jungle
P = 33	DR15	Jazz
P = 34	DR16	Jazz2
P = 41	DR17	Brush
P = 49	DR18	Symphonic

\* The XG SFX KIT NUMBER corresponds to the PROGRAM NUMBER.

P = 1	DR19	SFX1
P = 2	DR20	SFX2

If while a Drum Voice being selected, a Program Change for a different Drum Voice is received, the Drum Setup that was currently being used by the Drum Voice will be reset to the setting of new Drum Voice.

##### (3-1-4) CHANNEL AFTER TOUCH

STATUS	1101nnnn (DnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
VALUE	0vvvvvvv	v = 0 ~ 127 AFTER TOUCH VALUE

**(3-1-5) PITCH BEND CHANGE**

STATUS	1110nnnn (EnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
LSB	0vvvvvv	PITCH BEND CHANGE LSB
MSB	0vvvvvv	PITCH BEND CHANGE MSB

14 bit resolution

MSB	
00000000B ( 00H )	minimum value
01000000B ( 40H )	center value
01111111B ( 7FH )	maximum Value

**(3-1-6) CONTROL CHANGE**

STATUS	1011nnnn (BnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
CONTROL NUMBER	0ccccccc	
CONTROL VALUE	0vvvvvvv	

\* The CONTROL NUMBER to be transmitted.

c = 0	BANK SEL MSB	; v = 0 :XG NORMAL, 64 :SFX NORMAL, 126 :XG SFX KIT, 127 :XG DRUM	
c = 32	BANK SEL LSB	; v = 0 - 127	*3
c = 1	MODULATION	; v = 0 - 127	*2
c = 7	MAIN VOLUME	; v = 0 - 127	
c = 10	PANPOT	; v = 0 - 127	
c = 71	HARMONIC CONTENT	; v = 0:-64 - 64:0 - 127:+63	*2
c = 72	RELEASE TIME	; v = 0:-64 - 64:0 - 127:+63	*2
c = 73	ATTACK TIME	; v = 0:-64 - 64:0 - 127:+63	*2
c = 74	BRIGHTNESS	; v = 0:-64 - 64:0 - 127:+63	*2
c = 91	EFFECT SEND LEVEL 1	; v = 0 - 127	
c = 93	EFFECT SEND LEVEL 3	; v = 0 - 127	
c = 94	EFFECT SEND LEVEL 4	; v = 0 - 127 (Only when Connection = 1 (System))	

\* The CONTROL NUMBER to be received.

c = 0	BANK SEL MSB	; v = 0 :XG NORMAL, 64 :SFX NORMAL, 126 :XG SFX KIT, 127 :XG DRUM	
c = 32	BANK SEL LSB	; v = 0 - 127	
c = 1	MODULATION	; v = 0 - 127	*2
c = 5	PORTAMENTO TIME	; v = 0 - 127	*2
c = 6	DATA ENTRY MSB	; v = 0 - 127	*1
c = 38	DATA ENTRY LSB	; v = 0 - 127	*1
c = 7	MAIN VOLUME	; v = 0 - 127	
c = 10	PANPOT	; v = 0 - 127	
c = 11	EXPRESSION	; v = 0 - 127	
c = 16	AC1 CONTROLLER	; v = 0 - 127	*2
c = 64	SUSTAIN SWITCH	; v = 0-63:OFF , 64-127:ON	*2
c = 65	PORTAMENTO SWITCH	; v = 0-63:OFF , 64-127:ON	*2
c = 66	SOSTENUTO	; v = 0-63:OFF , 64-127:ON	*2
c = 67	SOFT PEDAL	; v = 0-63:OFF , 64-127:ON	*2
c = 71	HARMONIC CONTENT	; v = 0:-64 - 64:0 - 127:+63	*2
c = 72	RELEASE TIME	; v = 0:-64 - 64:0 - 127:+63	*2
c = 73	ATTACK TIME	; v = 0:-64 - 64:0 - 127:+63	*2
c = 74	BRIGHTNESS	; v = 0:-64 - 64:0 - 127:+63	*2
c = 84	PORTAMENT CONTROL	; v = 0 - 127	*2
c = 91	EFFECT SEND LEVEL 1	; v = 0 - 127	
c = 93	EFFECT SEND LEVEL 3	; v = 0 - 127	
c = 94	EFFECT SEND LEVEL 4	; v = 0 - 127(Only when Connection = 1 (System))	
c = 96	DATA ENTRY INC	; v = 127	*1
c = 97	DATA ENTRY DEC	; v = 127	*1

\*1 Used only to set the parameter specified by RPN

\*2 Not valid for rhythm voices.

\*3 When MSB is other than 0 or 127, this is 0.

When MSB = 0, this is 0, 1, 3, 5, 8, 12, 14, 16, 17, 18, 19, 20, 24, 25, 27, 28, 32, 33, 34, 35, 36, 37, 38, 39, 40,  
41, 42, 43, 45, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 96, 97, 98, 99, 100, 101

When MSB = 127, this is 0.

MODULATION controls the depth of vibrato.

PORTAMENTO TIME adjusts the speed of the pitch change if the Portamento Switch = ON. A setting of 0 produces the shortest portamento time, and 127 produces the longest portamento time.

For consistency with the GMx Portamento Control Standard, this value is valid only for the Portamento Switch (Ctr#65).

PANPOT produces change relative to the preset value of the voice, both for melody voices and for rhythm voices.

For PORTAMENTO CONTROL, the portamento time is always fixed at 0.

EFFECT SEND LEVEL 1 controls the Reverb send.

EFFECT SEND LEVEL 3 controls the Chorus send.

EFFECT SEND LEVEL 4 controls the Variation send.

HARMONIC CONTENT adjusts the resonance specified by the Voice. This is a relative parameter, and specifies an increase or decrease centered at 64. Higher values will produce a more distinctive tone. For some voices, the effective range may be less than the range of the setting.

RELEASE TIME adjusts the envelope release time specified by the Voice. This is a relative parameter, and specifies an increase or decrease centered at 64.

ATTACK TIME adjusts the envelope attack time specified by the Voice. This is a relative parameter, and specifies an increase or decrease centered at 64.

BRIGHTNESS adjusts the cutoff frequency specified by the Voice. This is a relative parameter, and specifies an increase or decrease centered at 64. Decreasing the value will make the sound more mellow. For some voices, the effective range may be less than the range of the setting.

The following Bank Select related operations will all occur when a Program Change is received.

Bank Select MSB:60h-6Fh are not sounded on models which do not support GMx, but since on the QY70 these are for future expansion of melodic voices, they will be sounded for the present by MSB00h.

If Bank Select MSB is other than 0,40H, 60H-6FH, 7EH, or 7FH, voice Off will be selected.

If Bank Select MSB = 0,40H, 60H-60FH, 7EH or 7FH is selected, unsupported BANK SELECT LSB numbers will be ignored.

### (3-2) CHANNEL MODE MESSAGES

STATUS	1011nnnn (BnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
CONTROL NUMBER	0ccccccc	c = CONTROL NUMBER
CONTROL VALUE	0vvvvvvv	v = DATA VALUE

#### (3-2-1) ALL SOUND OFF (CONTROL NUMBER = 78H , DATA VALUE = 0)

Turns off the sound of all currently sounding notes on the corresponding channel. The status of channel messages such as Note On and Hold On is also turned off.

#### (3-2-2) RESET ALL CONTROLLERS (CONTROL NUMBER = 79H , DATA VALUE = 0)

Resets the values of the following controllers.

PITCH BEND CHANGE	0 (center)
AFTER TOUCH	0 (minimum)
MODULATION	0 (off)
AC1 CONTROLLER	0 (minimum)
EXPRESSION	127 (maximum)
SUSTAIN SWITCH	0 (off)
PORTAMENTO SWITCH	1 (on)
SOSTENUTO SWITCH	0 (off)

SOFT PEDAL	0 (off)
NRPN	Un-set status. Internal data will not change.
RPN	Un-set status. Internal data will not change.
PORTAMENT CONTROL	reset

The following data will not change.  
 PROGRAM CHANGE, BANK SELECT MSB/LSB, VOLUME, PAN.  
 HARMONIC CONTENT, RELEASE TIME, ATTACK TIME, BRIGHTNESS, DRY SEND LEVEL,  
 EFFECT SEND LEVEL 1, EFFECT SEND LEVEL 3, EFFECT SEND LEVEL 4,  
 PITCH BEND SENSITIVITY, FINE TUNING, COURSE TUNING

**(3-2-3) ALL NOTE OFF (CONTROL NUMBER = 7BH , DATA VALUE = 0)**

Turns off all notes of the corresponding channel which are on. However if Sustain or Sostenuto are on, the sound will continue until these are turned off.

**(3-2-4) OMNI MODE OFF (CONTROL NUMBER = 7CH , DATA VALUE = 0)**

Performs the same processing as when ALL NOTE OFF is received. Sets the VOICE RECEIVE CHANNEL to OMNI OFF and CHANNEL = 1.

**(3-2-5) OMNI MODE ON (CONTROL NUMBER = 7DH , DATA VALUE = 0)**

Performs the same processing as when ALL NOTE OFF is received. Does not set OMNI ON. Sets the VOICE RECEIVE CHANNEL to OMNI ON.

**(3-2-6) MONO (CONTROL NUMBER = 7EH , DATA VALUE = 0)**

Performs the same processing as when All SOUND OFF is received, and if the 3rd byte (mono number) is in the range 0—16, sets the corresponding channel to Mode 4 (m=1).

If in the VOICE MODE, Mode 2 (m=1) is also possible, according to the VOICE RECEIVE CHANNEL.

**(3-2-7) POLY (CONTROL NUMBER = 7FH , DATA VALUE = 0)**

Performs the same processing as when ALL SOUND OFF is received, and sets the corresponding channel to Mode 3.

When in the VOICE MODE, Mode 1 is also possible, according to the VOICE RECEIVE CHANNEL.

**(3-3) REGISTERED PARAMETER NUMBER**

STATUS	1011nnnn (BnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
LSB	01100100 (64H)	
RPN LSB	0ppppppp	p = RPN LSB (Refer to the table on the following page.)
MSB	01100101 (65H)	
RPN MSB	0qqqqqqq	q = RPN MSB (Refer to the table on the following page.)
DATA ENTRY MSB	00000110 (06H)	
DATA VALUE	0mmmmmmm	m = Data Value
DATA ENTRY LSB	00100110 (26H)	
DATA VALUE	0lllllll	l = Data Value

First transmit an RPN MSB and RPN LSB to specify the parameter that is to be controlled, then use Data Entry to set the value of the specified parameter.

RPN LSB MSB	D.ENTRY MSB LSB	PARAMETER NAME	DATA RANGE
00H 00H	mmH —	PITCH BEND SENSITIVITY	00H - 18H (0 - 24 semitones)
01H 00H	mmH llH	MASTER FINE TUNE	{mmH,llH} = {00H,00H} - {40H,00H} - {7FH,7FH} (-8192*100/8192) - 0 - (+8192*100/8192)
02H 00H	mmH —	MASTER COARSE TUNE	28H - 40H - 58H (-24 - 0 - +24 semitones)
7FH 7FH	— —	RPN RESET	Set to a condition in which the RPN number is unspecified. Internal settings will not change.

**(3-4) NON-REGISTERED PARAMETER NUMBER**

STATUS	1011nnnn (BnH)	n = 0 ~ 15 VOICE CHANNEL NUMBER
LSB	01100010 (62H)	
RPN LSB	0ppppppp	p = NRPN LSB (Refer to the table on the following page.)
MSB	01100011 (63H)	
RPN MSB	0qqqqqqq	q = NRPN MSB (Refer to the table on the following page.)
DATA ENTRY MSB	00000110 (06H)	
DATA VALUE	0mmmmmmm	m = Data Value

First transmit an NRPN MSB and NRPN LSB to specify the parameter that is to be controlled, then use Data Entry to set the value of the specified parameter.

NRPN MSB LSB	D.ENTRY MSB LSB	PARAMETER NAME	DATA RANGE
01H 08H	mmH —	VIBRATO RATE	00H - 40H - 7FH (-64 - 0 - +63)
01H 09H	mmH —	VIBRATO DEPTH	00H - 40H - 7FH (-64 - 0 - +63)
01H 0AH	mmH —	VIBRATO DELAY	00H - 40H - 7FH (-64 - 0 - +63)
01H 20H	mmH —	FILTER CUTOFF FREQUENCY	00H - 40H - 7FH (-64 - 0 - +63)
01H 21H	mmH —	FILTER RESONANCE	00H - 40H - 7FH (-64 - 0 - +63)
01H 63H	mmH —	EG ATTACK TIME	00H - 40H - 7FH (-64 - 0 - +63)
01H 64H	mmH —	EG DECAY TIME	00H - 40H - 7FH (-64 - 0 - +63)
01H 66H	mmH —	EG RELEASE TIME	00H - 40H - 7FH (-64 - 0 - +63)
14H rrH	mmH —	DRUM INST FILTER CUTOFF FREQ.	00H - 40H - 7FH (-64 - 0 - +63)
15H rrH	mmH —	DRUM INST FILTER RESONANCE	00H - 40H - 7FH (-64 - 0 - +63)
16H rrH	mmH —	DRUM INST AEG ATTACK RATE	00H - 40H - 7FH (-64 - 0 - +63)
17H rrH	mmH —	DRUM INST AEG DECAY RATE	00H - 40H - 7FH (-64 - 0 - +63)
18H rrH	mmH —	DRUM INST PITCH COARSE	00H - 40H - 7FH (-64 - 0 - +63)
19H rrH	mmH —	DRUM INST PITCH FINE	00H - 40H - 7FH (-64 - 0 - +63)
1AH rrH	mmH —	DRUM INST LEVEL	00H - 7FH (0 - maximum)
1CH rrH	mmH —	DRUM INST PANPOT	00H, 01H - 40H - 7FH (random, left - center - right)
1DH rrH	mmH —	DRUM INST REVERB SEND LEVEL	00H - 7FH (0 - maximum)
1EH rrH	mmH —	DRUM INST CHORUS SEND LEVEL	00H - 7FH (0 - maximum)
1FH rrH	mmH —	DRUM INST VARIATION SEND LEVEL	00H - 7FH (0 - maximum)

MSB 14h-1Fh (for drum) are valid only if the channel is set to Drum Set Mode.  
rrH : drum instrument note number

**(3-5) SYSTEM REAL TIME MESSAGES**

**(3-5-1) ACTIVE SENSING**

STATUS	11111110	(FEH)
--------	----------	-------

Transmitted at intervals of approximately 200 msec.

Once this message is received, SENSING will begin. If neither STATUS nor DATA messages are received for an interval longer than approximately 350 msec, the MIDI RECEIVE BUFFER will be cleared, and all sounding notes and SUSTAIN SWITCH will be forced off. Also, data for each of the controls will be reset to specific values.

**(3-6) SYSTEM EXCLUSIVE MESSAGE**

**(3-6-1) UNIVERSAL NON REALTIME MESSAGE**

**(3-6-1-1) GENERAL MIDI MODE ON**

F0H 7EH 7FH 09H 01H F7H

The following controller values will be reset.

VOLUME	100
PAN	Center
PROGRAM CHANGE	1 (Grandpno)
BANK SELECT MSB	0

REVERB DEPTH	4
PITCH BEND CHANGE	0 (center)
MODULATION	0 (off)
EXPRESSION	127 (maximum)
SUSTAIN SWITCH	0 (off)
SOSTENUTO SWITCH	0 (off)
RPN	Un-set status.
PORTAMENT CONTROL	reset
MIDI MASTER VOLUME	127 (maximum)
PITCH BEND SENSITIVITY	02 (2 semitones)
FINE TUNING	0
COURSE TUNING	0

**(3-6-2) UNIVERSAL REALTIME MESSAGE**

**(3-6-2-1) MIDI MASTER VOLUME**

FOH 7FH 7FH 04H 01H 0H mmH F7H

Modifies the MASTER VOLUME value.  
The value of mm is used as the MIDI Master Volume (the 0H value is ignored).

**(3-6-3) PARAMETER CHANGE**

**(3-6-3-1) MIDI MASTER TUNING**

FOH 43H 1nH 27H 30H 00H 00H mmH 0H ccH F7H

Modifies the MASTER TUNE value.  
The values of mm and 0H are used as the MIDI Master Tuning.  
(n and cc values are ignored.)

$$T = M * 200 / 256 - 100$$

Where T : actual tuning value (-99 — +99)  
M : a one-byte value with MSB of "mm" bits 0-3, and LSB of "0H" bits 0-3.

**(3-6-3-2) XG SYSTEM ON**

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0001nnnn	1n	device Number
01001100	4C	Model ID
0aaaaaaa	00	Address High
0aaaaaaa	00	Address Mid
0aaaaaaa	7E	Address Low
00000000	00	Data
11110111	F7	End of Exclusive

When On is received, the SYSTEM MODE will be changed to XG.  
Since approximately 50 ms is required in order to execute this message, an appropriate interval must be allowed before the next message.  
Controllers will be reset, and all Multi Part and Effect data of the attached table, together with the values of all data of All System that are noted as (XG), will be reset to the Default values.

**(3-6-3-3) XG PARAMETER CHANGE**

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0001nnnn	1n	device Number
01001100	4C	Model ID
0aaaaaaa	aaaaaaa	Address High
0aaaaaaa	aaaaaaa	Address Mid
0aaaaaaa	aaaaaaa	Address Low
0ddddddd	ddddddd	Data
11110111	F7	End of Exclusive

For parameters with a Data Size of 2 or 4, the corresponding amount of data will be transmitted.  
For Addresses and Byte Counts, refer to the attached tables.

The following four types are transmitted and received. ( Transmitted only if a Parameter Change Request is received.)

- System Data
- Multi Effect Data (ignored in Voice Mode)
- Multi Part Data (ignored in Voice Mode)
- Drums Setup Data

### (3-6-4) BULK DUMP

#### (3-6-4-1) XG BULK DUMP

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0000nnnn	0n	device Number
01001100	4C	Model ID
0bbbbbbb	bbbbbbb	ByteCount
0bbbbbbb	bbbbbbb	ByteCount
0aaaaaaaa	aaaaaaaa	Address High
0aaaaaaaa	aaaaaaaa	Address Mid
0aaaaaaaa	aaaaaaaa	Address Low
00000000	00	Data
0ccccccc	ccccccc	Check-sum
11110111	F7	End of Exclusive

For Addresses and Byte Counts, refer to the attached tables.  
Check sum is the value which produces a lower 7 bits of zero when the Byte Count, Start Address, Data, and the Check-sum itself are added.

513 bytes or more must not be transmitted at once. Thus, if a Dump Request for 513 or more bytes is received, the data will be divided into packets of 512 bytes or less, and transmitted at an appropriate timing interval (120 msec or longer).

The following five types are transmitted and received. (Transmitted only if a Bulk Dump Request is received.)

- System Data
- Multi Effect Data (for each module)
- Multi Part Data (for each part)
- Drums Setup Data (for each note)
- System Information (transmitted only)

### (3-6-5) DUMP REQUEST

#### (3-6-5-1) XG DUMP REQUEST

11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0010nnnn	2n	device Number
01001100	4C	Model ID
0aaaaaaaa	aaaaaaaa	Address High
0aaaaaaaa	aaaaaaaa	Address Mid
0aaaaaaaa	aaaaaaaa	Address Low
11110111	F7	End of Exclusive

For Addresses and Byte Counts, refer to the attached tables.

The following four types are received.

- System Data
- Multi Effect Data (for each module)
- Multi Part Data (for each part)
- Drums Setup Data (for each note)



**(3-6-6) XG PARAMETER REQUEST**

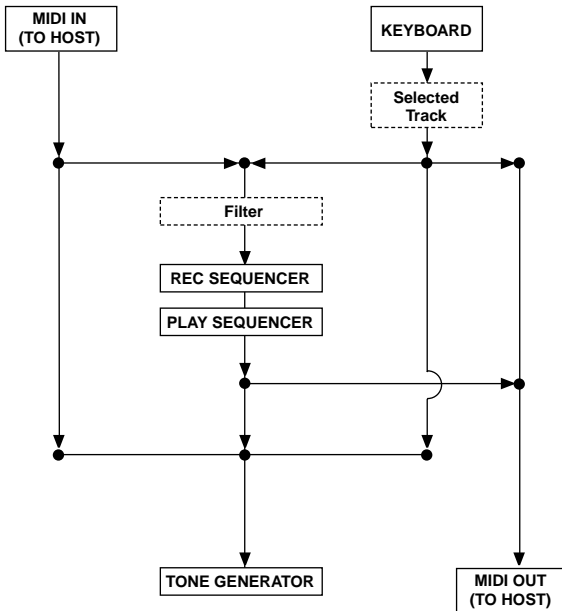
11110000	F0	Exclusive status
01000011	43	YAMAHA ID
0011nnnn	3n	device Number
01001100	4C	Model ID
0aaaaaaa	aaaaaaa	Address High
0aaaaaaa	aaaaaaa	Address Mid
0aaaaaaa	aaaaaaa	Address Low
11110111	F7	End of Exclusive

For Addresses and Byte Counts, refer to the attached tables.

The following four types are received.

- System Data
- Multi Effect Data
- Multi Part Data
- Drums Setup Data

**(4) Diagram of connections between the Keyboard/ Switch block, Sequencer block, and Tone Generator block**

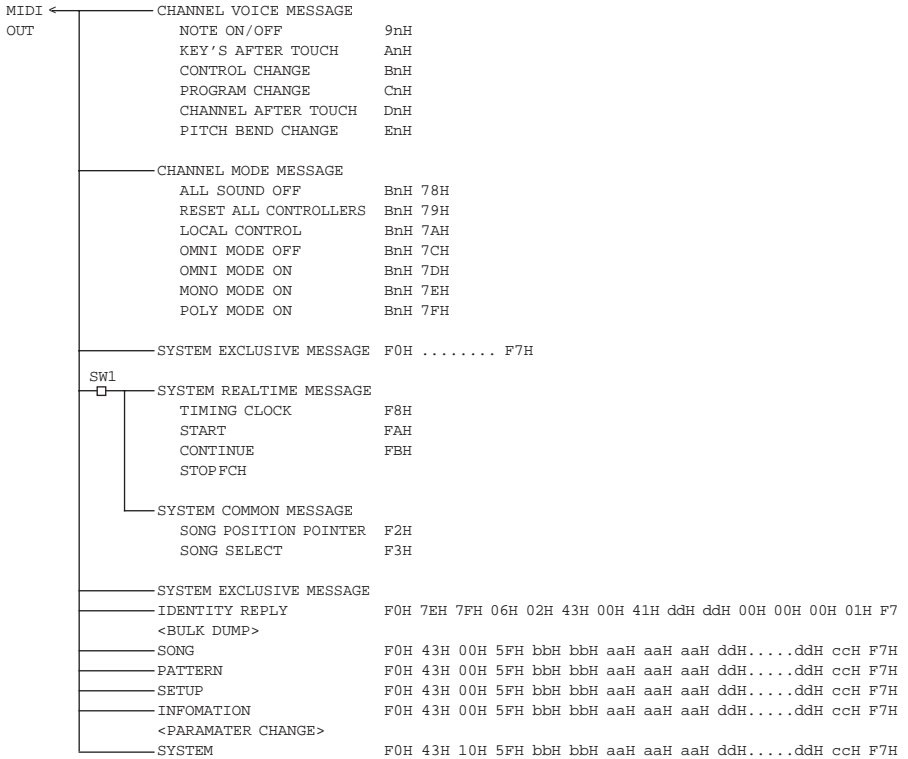


When PC1, PC2 or, Mac is selected with the HOST SELECT switch, data will be transmitted and received via the TO HOST connector.

In this case, MIDI data received via the MIDI IN connector will re-transmitted to the TO HOST connector, data received via the TO HOST connector will be re-transmitted to the MIDI OUT connector.

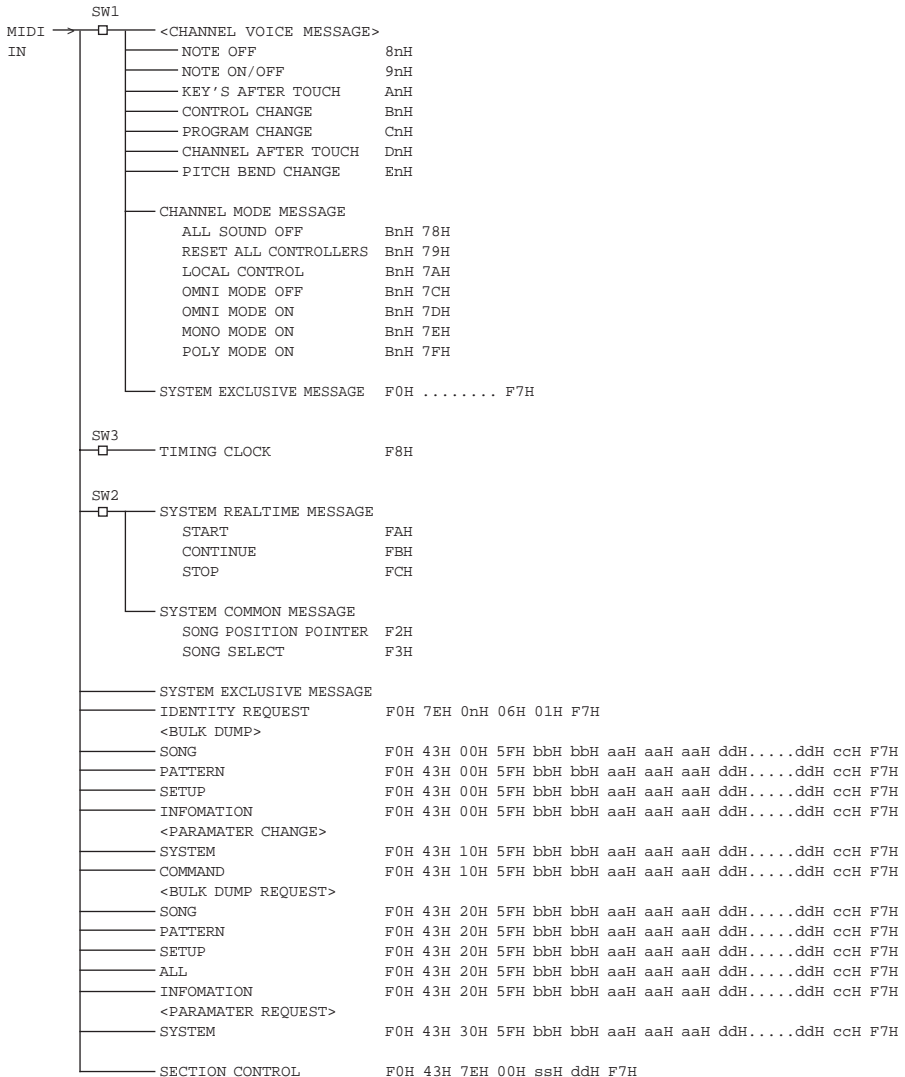
■ **Sequencer part**

**(1) TRANSMIT FLOW**



SW1  MIDI Control  
 Transmission can be turned On/Off.

**(2) RECEIVE FLOW**



SW1  Input Filter  
Reception can be turned on/off according to the Input Filter settings.

SW2  MIDI Control  
Reception can be turned On/Off.

SW3  MIDI Sync  
Select whether timing will be determined by the Internal clock, or by MIDI Clock messages received at MIDI IN.

### (3) TRANSMIT/RECEIVE DATA

#### (3-1) CHANNEL VOICE MESSAGE

Transmitted only during recording and playback.

Transmission channel can be turned On/Off and the transmit channel set for each track.

Received only during recording. All Channel are always received.

During MULTI TRACK RECORD, data of MIDI CH 0-15 will be recorded separately onto tracks 1-16.

\* In RECORD MODE, recording is normally omni on.

However, during MULTI TRACK RECORD, this will be omni off, and data of MIDI CH 0-15 will be recorded separately onto tracks 1-16.

#### (3-1-1) NOTE OFF

STATUS	1000nnnn (8nH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
NOTE NUMBER	0kkkkkkk	k = 0 (C-2) ~ 127 (G8)
VELOCITY	0vvvvvvv	v is ignored

Only recorded.

During playback, converted into 9nH kkH 00H.

#### (3-1-2) NOTE ON/OFF

STATUS	1001nnnn (9nH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
NOTE NUMBER	0kkkkkkk	k = 0 (C-2) ~ 127 (G8)
VELOCITY	0vvvvvvv	(v≠0) NOTE ON (v=0) NOTE OFF
	00000000	

#### (3-1-3) POLYPHONIC KEY PRESSURE

STATUS	1010nnnn (AnH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
NOTE NUMBER	0kkkkkkk	k = 0 (C-2) ~ 127 (G8)
VALUE	0vvvvvvv	v = 0 - 127

#### (3-1-4) CONTROL CHANGE

STATUS	1011nnnn (BnH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
CONTROL NUMBER	0ccccccc	
CONTROL VALUE	0vvvvvvv	

All Control Change messages are recorded and played back.

#### (3-1-5) PROGRAM CHANGE

STATUS	1100nnnn (CnH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
PROGRAM NUMBER	0pppppppp	p = 0 ~ 127

#### (3-1-6) CHANNEL PRESSURE

STATUS	1101nnnn (DnH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
VALUE	0vvvvvvv	v = 0 ~ 127

#### (3-1-7) PITCH BEND CHANGE

STATUS	1110nnnn (EnH)	n = 0 ~ 15 TRACK CHANNEL NUMBER
LSB	0vvvvvvv	PITCH BEND LSB 0 ~ 127
MSB	0vvvvvvv	PITCH BEND MSB 0 ~ 127

#### (3-2) CHANNEL MODE MESSAGE

The following messages are recorded and played back.

RESET ALL CONTROLLERS	BnH 78H
LOCAL CONTROL	BnH 7AH
OMNI MODE OFF	BnH 7CH
OMNI MODE ON	BnH 7DH
MONO MODE ON	BnH 7EH
POLY MODE ON	BnH 7FH

### (3-3) SYSTEM COMMON MESSAGE

These are transmitted and received as Control Messages for QY70 functions.  
They are not recorded as SEQUENCE DATA.

#### (3-3-1) SONG POSITION POINTER

STATUS	11110010 (F2H)	
LSB	0vvvvvv	SONG POSITION LSB
MSB	0vvvvvv	SONG POSITION MSB

Transmitted when you move to a different measure in the SONG PLAY Mode.  
Received when in SONG PLAY Standby.

#### (3-3-2) SONG SELECT

STATUS	11110011 (F3H)	
SONG NUMBER	0sssssss	SONG NUMBER (PATTERN NUMBER in the PATTERN Mode)

In the SONG PLAY Mode, this will be transmitted when a SONG is switched.  
In the PATTERN PLAY Mode, this will be transmitted when a PATTERN is switched.  
When in SONG PLAY Mode Standby, PATTERN PLAY Mode Standby, and PLAY, this message is received.  
When received in the PATTERN PLAY Mode, the PATTERN will change.

### (3-4) SYSTEM REAL TIME MESSAGE

Not recorded as Sequence Data.

#### (3-4-1) TIMING CLOCK

STATUS	11111000 (F8H)
--------	----------------

You can select whether the internal clock will be used as the Timing Clock, or whether Timing Clock messages from the MIDI IN will be used.  
Transmission and reception can be turned On/Off.

#### (3-4-2) START

STATUS	11111010 (FAH)
--------	----------------

Transmission/Reception can be turned On/Off.

#### (3-4-3) CONTINUE

STATUS	11111011 (FBH)
--------	----------------

Transmission/Reception can be turned On/Off.

#### (3-4-4) STOP

STATUS	11111100 (FCH)
--------	----------------

Transmission/Reception can be turned On/Off.



```

0dddddd      ddddddd      data
|
0dddddd      ddddddd      data
0cccccc      ccccccc      Check-sum
11110111     F7            End Of Exclusive
    
```

**(3-6-3-2) Bulk Dump DATA**

The format for transmission and reception of SETUP DATA, SONG INFORMATION and PATTERN INFORMATION.

Refer to <Table 1-9> for Address and Data size.

```

11110000     F0            Exclusive status
01000011     43            YAMAHA ID
00000000     00            substatus
01011111     5F            model ID
0bbbbbbb     bbbbbbbb     ByteCount MSB
0bbbbbbb     bbbbbbbb     ByteCount LSB
0aaaaaaaa     aaaaaaaa     Address High
0aaaaaaaa     aaaaaaaa     Address Mid
0aaaaaaaa     aaaaaaaa     Address Low
0ddddddd     dddddddd     data
|
0ddddddd     dddddddd     data
0cccccc      ccccccc      Check-sum
11110111     F7            End Of Exclusive
    
```

**(3-6-3-3) Parameter Change**

The format for executing BULK MODE ON/OFF, CLEAR SONG and CLEAR PATTERN.

```

11110000     F0            Exclusive status
01000011     43            YAMAHA ID
00010000     10            substatus
01011111     5F            model ID
0aaaaaaaa     aaaaaaaa     Address High
0aaaaaaaa     aaaaaaaa     Address Mid
0aaaaaaaa     aaaaaaaa     Address Low
0ddddddd     dddddddd     data
11110111     F7            End Of Exclusive
    
```

**(3-6-3-4) Bulk Dump Request**

The Bulk Data request of SONG DATA, PATTERN DATA, SETUP DATA, SONG INFORMATION, and PATTERN INFORMATION.

```

11110000     F0            Exclusive status
01000011     43            YAMAHA ID
00100000     20            substatus
01011111     5F            model ID
0aaaaaaaa     aaaaaaaa     Address High
0aaaaaaaa     aaaaaaaa     Address Mid
0aaaaaaaa     aaaaaaaa     Address Low
11110111     F7            End Of Exclusive
    
```

**(3-6-3-5) Parameter Change Request**

Parameter request for BULK MODE ON/OFF.

```

11110000     F0            Exclusive status
01000011     43            YAMAHA ID
00110000     30            substatus
01011111     5F            model ID
0aaaaaaaa     aaaaaaaa     Address High
0aaaaaaaa     aaaaaaaa     Address Mid
0aaaaaaaa     aaaaaaaa     Address Low
11110111     F7            End Of Exclusive
    
```

**<Table 1-1>**

**Parameter Base Address**

	Parameter Change Address			Description
	(H)	(M)	(L)	
SYSTEM	00	00	00	System
	00	00	7D	Drum Setup Reset
	00	00	7E	XG System On
	00	00	7F	All Parameter Reset
INFORMATION	01	00	00	System Information
EFFECT 1	02	01	00	Effect1 (Reverb,Chorus,Variation)
	02	40	00	Reserved
	:	:	:	:
MULTI PART	08	00	00	Multi Part 1
	:	:	:	:
	08	0F	00	Multi Part 32
	:	:	:	:
DRUM	08	10	00	Reserved
	:	:	:	:
	30	18	00	Drum Setup 1 → Address
	31	18	00	Drum Setup 2
	:	:	:	:
	32	18	00	Reserved
:	:	:	:	
3F	nn	nn	Reserved	
				Parameter
				:
				3n 18 00
				note number 24
				3n 19 00
				note number 25
				:
				3n 54 00
				note number 84

**< Table 1-2 >**

**MIDI Parameter Change table ( SYSTEM )**

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
00 00 00	4	0000	Master Tune	-102.4..+102.3[cent]	00 04 00 00
01		..07FF		1st bit3-0→bit15-12	(0400)
02				2nd bit3-0→bit11-8	(not reset by XG or GM on)
03				3rd bit3-0→bit7-4	
				4th bit3-0→bit3-0	
04	1	00..7F	Master Volume	0..127	7F
05	1	00..7F	Not Used		
06	1	28..58	Transpose	-24..+24[semitones]	40
7D	n	n	Drum Setup Reset	n=Drum Setup Number	
7E	00	00	XG System On	00=XG System on (receive only)	
7F	00	00	All Parameter Reset	00=on (receive only)	
TOTAL SIZE 06					

**< Table 1-3 >**

**MIDI Parameter table ( System information )**

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
01 00 00	E	20..7F	Model Name	("QY70 ")	
:					
0E	1	00			
0F	1	00	XG Support Level	0..127	
TOTAL SIZE 10					
(Transmitted in response to a Dump Request. Not received. Bulk Dump Only)					



< Table 1-4 >

MIDI Parameter Change table (EFFECT 1)

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
02 01 00	2	00..7F	Reverb Type MSB	Refer to Effect Type List	01 (=HALL1)
		00..7F	Reverb Type LSB	00 : basic type	00
02	1	00..7F	Reverb Parameter 1	Refer to Ef. Parameter List	depends on Reverb type
03	1	00..7F	Reverb Parameter 2	Refer to Ef. Parameter List	depends on Reverb type
04	1	00..7F	Reverb Parameter 3	Refer to Ef. Parameter List	depends on Reverb type
05	1	00..7F	Reverb Parameter 4	Refer to Ef. Parameter List	depends on Reverb type
06	1	00..7F	Reverb Parameter 5	Refer to Ef. Parameter List	depends on Reverb type
07	1	00..7F	Reverb Parameter 6	Refer to Ef. Parameter List	depends on Reverb type
08	1	00..7F	Reverb Parameter 7	Refer to Ef. Parameter List	depends on Reverb type
09	1	00..7F	Reverb Parameter 8	Refer to Ef. Parameter List	depends on Reverb type
0A	1	00..7F	Reverb Parameter 9	Refer to Ef. Parameter List	depends on Reverb type
0B	1	00..7F	Reverb Parameter 10	Refer to Ef. Parameter List	depends on Reverb type
0C	1	00..7F	Reverb Return	∞..0..+6dB (0..96..127)	60
0D	1	01..7F	Reverb Pan	L63..C..R63 (1..64..127)	40
TOTAL	SIZE 0E				
02 01 10	1	00..7F	Reverb Parameter 11	Refer to Ef. Parameter List	depends on Reverb type
11	1	00..7F	Reverb Parameter 12	Refer to Ef. Parameter List	depends on Reverb type
12	1	00..7F	Reverb Parameter 13	Refer to Ef. Parameter List	depends on Reverb type
13	1	00..7F	Reverb Parameter 14	Refer to Ef. Parameter List	depends on Reverb type
14	1	00..7F	Reverb Parameter 15	Refer to Ef. Parameter List	depends on Reverb type
15	1	00..7F	Reverb Parameter 16	Refer to Ef. Parameter List	depends on Reverb type
TOTAL	SIZE 6				
02 01 20	2	00..7F	Chorus Type MSB	Refer to Effect Type List	41 (=Chorus1)
		00..7F	Chorus Type LSB	00 : basic type	00
22	1	00..7F	Chorus Parameter 1	Refer to Ef. Parameter List	depends on Chorus Type
23	1	00..7F	Chorus Parameter 2	Refer to Ef. Parameter List	depends on Chorus Type
24	1	00..7F	Chorus Parameter 3	Refer to Ef. Parameter List	depends on Chorus Type
25	1	00..7F	Chorus Parameter 4	Refer to Ef. Parameter List	depends on Chorus Type
26	1	00..7F	Chorus Parameter 5	Refer to Ef. Parameter List	depends on Chorus Type
27	1	00..7F	Chorus Parameter 6	Refer to Ef. Parameter List	depends on Chorus Type
28	1	00..7F	Chorus Parameter 7	Refer to Ef. Parameter List	depends on Chorus Type
29	1	00..7F	Chorus Parameter 8	Refer to Ef. Parameter List	depends on Chorus Type
2A	1	00..7F	Chorus Parameter 9	Refer to Ef. Parameter List	depends on Chorus Type
2B	1	00..7F	Chorus Parameter 10	Refer to Ef. Parameter List	depends on Chorus Type
2C	1	00..7F	Chorus Return	∞..0..+6dB (0..96..127)	60
2D	1	01..7F	Chorus Pan	L63..C..R63 (1..64..127)	40
2E	1	00..7F	Send Chorus To Reverb	∞..0..+6dB (0..96..127)	00
TOTAL	SIZE 0F				
02 01 30	1	00..7F	Chorus Parameter 11	Refer to Ef. Parameter List	depends on Chorus Type
31	1	00..7F	Chorus Parameter 12	Refer to Ef. Parameter List	depends on Chorus Type
32	1	00..7F	Chorus Parameter 13	Refer to Ef. Parameter List	depends on Chorus Type
33	1	00..7F	Chorus Parameter 14	Refer to Ef. Parameter List	depends on Chorus Type
34	1	00..7F	Chorus Parameter 15	Refer to Ef. Parameter List	depends on Chorus Type
35	1	00..7F	Chorus Parameter 16	Refer to Ef. Parameter List	depends on Chorus Type
TOTAL	SIZE 6				
02 01 40	2	00..7F	Variation Type MSB	Refer to Ef. Type List	05 (=DELAY L,C,R)
		00..7F	Variation Type LSB	00 : basic type	00
42	2	00..7F	Variation Param 1 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 1 LSB	Refer to Ef. Parameter List	depends on vari. type
44	2	00..7F	Variation Param 2 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 2 LSB	Refer to Ef. Parameter List	depends on vari. type
46	2	00..7F	Variation Param 3 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 3 LSB	Refer to Ef. Parameter List	depends on vari. type
48	2	00..7F	Variation Param 4 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 4 LSB	Refer to Ef. Parameter List	depends on vari. type
4A	2	00..7F	Variation Param 5 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 5 LSB	Refer to Ef. Parameter List	depends on vari. type
4C	2	00..7F	Variation Param 6 MSB	Refer to Ef. Parameter List	depends on vari. type
		00..7F	Variation Param 6 LSB	Refer to Ef. Parameter List	depends on vari. type

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)	
4E	2	00..7F	Variation Param 7 MSB	Refer to Ef. Parameter List	depends on vari. type	
		00..7F	Variation Param 7 LSB	Refer to Ef. Parameter List	depends on vari. type	
50	2	00..7F	Variation Param 8 MSB	Refer to Ef. Parameter List	depends on vari. type	
		00..7F	Variation Param 8 LSB	Refer to Ef. Parameter List	depends on vari. type	
52	2	00..7F	Variation Param 9 MSB	Refer to Ef. Parameter List	depends on vari. type	
		00..7F	Variation Param 9 LSB	Refer to Ef. Parameter List	depends on vari. type	
54	2	00..7F	Variation Param 10 MSB	Refer to Ef. Parameter List	depends on vari. type	
		00..7F	Variation Param 10 LSB	Refer to Ef. Parameter List	depends on vari. type	
56	1	00..7F	Variation Return	-∞..0..+6dB (0..96..127)	60	
57	1	01..7F	Variation Pan	L63..C..R63 (1..64..127)	40	
58	1	00..7F	Send Variation To Rev.	-∞..0..+6dB (0..96..127)	00	
59	1	00..7F	Send Variation To Cho.	-∞..0..+6dB (0..96..127)	00	
5A	1	00..01	Variation Connection	0:insertion,1:system	00	
5B	1	00..1F	Variation Part	part1..32 (0..31) ,off (127)	7F	
5C	1	01..7F	MW Variation Ctrl Depth	-63..+63	00	
5D	1	01..7F	PB Variation Ctrl Depth	-63..+63	00	
5E	1	01..7F	AT Variation Ctrl Depth	-63..+63	00	
5F	1	01..7F	AC1 Variation CtrlDepth	-63..+63	00	
60	1	01..7F	AC2 Variation CtrlDepth	-63..+63	00	
TOTAL	SIZE	21				
02 01	70	1	00..7F	Variation Parameter 11	option Parameter	depends on vari. type
	71	1	00..7F	Variation Parameter 12	option Parameter	depends on vari. type
	72	1	00..7F	Variation Parameter 13	option Parameter	depends on vari. type
	73	1	00..7F	Variation Parameter 14	option Parameter	depends on vari. type
	74	1	00..7F	Variation Parameter 15	option Parameter	depends on vari. type
	75	1	00..7F	Variation Parameter 16	option Parameter	depends on vari. type
TOTAL	SIZE	6				

**< Table 1-5 >**

**MIDI Parameter Change table ( DISPLAY DATA )**

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
06 00	00	20	20..7F	MESSAGE WINDOW	32..127 (ASCII CHARACTER)
:					
1F					
TOTAL	SIZE	20			
07 00	00	30	00..7F	BITMAP WINDOW Data0	0..127 (ASCII CHARACTER)
:					
2F				BITMAP WINDOW Data47	
TOTAL	SIZE	30			

The following shows the relationship of data and the display.

7 horizontally arranged elements are combined to create 1 byte of data.

When the elements are displayed, the “bit” that is displayed is 1, and the “bit” that is not displayed is 0.

The arrangement for the display’s data is below.

	b6	b5	b4	b3	b2	b1	b0		b6	b5	b4	b3	b2	b1	b0		b6	b5	b4	b3	b2	b1	b0
Data 0	0	0	0	0	0	0	0	Data 16	0	0	0	0	0	0	0	Data 32	0	0	-	-	-	-	-
Data 1	0	0	0	0	0	0	0	Data 17	0	0	0	0	0	0	0	Data 33	0	0	-	-	-	-	-
Data 2	0	0	0	0	0	0	0	Data 18	0	0	0	0	0	0	0	Data 34	0	0	-	-	-	-	-
Data 3	0	0	0	0	0	0	0	Data 19	0	0	0	0	0	0	0	Data 35	0	0	-	-	-	-	-
Data 4	0	0	0	0	0	0	0	Data 20	0	0	0	0	0	0	0	Data 36	0	0	-	-	-	-	-
Data 5	0	0	0	0	0	0	0	Data 21	0	0	0	0	0	0	0	Data 37	0	0	-	-	-	-	-
Data 6	0	0	0	0	0	0	0	Data 22	0	0	0	0	0	0	0	Data 38	0	0	-	-	-	-	-
Data 7	0	0	0	0	0	0	0	Data 23	0	0	0	0	0	0	0	Data 39	0	0	-	-	-	-	-
Data 8	0	0	0	0	0	0	0	Data 24	0	0	0	0	0	0	0	Data 40	0	0	-	-	-	-	-
Data 9	0	0	0	0	0	0	0	Data 25	0	0	0	0	0	0	0	Data 41	0	0	-	-	-	-	-
Data 10	0	0	0	0	0	0	0	Data 26	0	0	0	0	0	0	0	Data 42	0	0	-	-	-	-	-
Data 11	0	0	0	0	0	0	0	Data 27	0	0	0	0	0	0	0	Data 43	0	0	-	-	-	-	-
Data 12	0	0	0	0	0	0	0	Data 28	0	0	0	0	0	0	0	Data 44	0	0	-	-	-	-	-
Data 13	0	0	0	0	0	0	0	Data 29	0	0	0	0	0	0	0	Data 45	0	0	-	-	-	-	-
Data 14	0	0	0	0	0	0	0	Data 30	0	0	0	0	0	0	0	Data 46	0	0	-	-	-	-	-
Data 15	0	0	0	0	0	0	0	Data 31	0	0	0	0	0	0	0	Data 47	0	0	-	-	-	-	-

Data 32-47 only uses bit 6 and bit 5.

In the Bit Map Data, only the specified elements can also be received. At this time, other elements are displayed in their previous condition.

Parameter changes for DISPLAY DATA can be constantly transmitted from the specified region.

**< Table 1-6 >**

**MIDI Parameter Change table ( MULTI PART )**

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
08 nn 00	1	00..20	Element Reserve	0..32	0 (Part10) ,2 (Others)
nn 01	1	00..7F	Bank Select MSB	0..127	7F (Part10) ,00 (Others)
nn 02	1	00..7F	Bank Select LSB	0..127	00
nn 03	1	00..7F	Program Number	1..128	00
nn 04	1	00..0F	Rcv Channel	0..15;1..16,127;off	Part No. 7F
nn 05	1	00..01	Mono/Poly Mode	0:mono,1:poly	01
nn 06	1	00..02	Same Note Number Key On Assign	0:single 1:multi 2:inst (for DRUM)	01
nn 07	1	00..02	Part Mode	0:normal 1..3:drum thru,drum1..2	00 (other than Part 10) 01 (Part10)
nn 08	1	28..58	Note Shift	-24..+24[semitones]	40
nn 09	2	00..FF	Detune	-12.8..+12.7[Hz]	08 00
nn 0A				1st bit3..0→bit7..4 2nd bit3..0→bit3..0	(80)
nn 0B	1	00..7F	Volume	0..127	64
nn 0C	1	00..7F	Velocity Sense Depth	0..127	40
nn 0D	1	00..7F	Velocity Sense Offset	0..127	40
nn 0E	1	00..7F	Pan	0:random L63..C..R63 (1..64..127)	40
nn 0F	1	00..7F	Note Limit Low	C-2..G8	00
nn 10	1	00..7F	Note Limit High	C-2..G8	7F
nn 11	1	00..7F	Dry Level	0..127	7F
nn 12	1	00..7F	Chorus Send	0..127	00
nn 13	1	00..7F	Reverb Send	0..127	28
nn 14	1	00..7F	Variation Send	0..127	00
nn 15	1	00..7F	Vibrato Rate	-64..+63	40
nn 16	1	00..7F	Vibrato Depth	-64..+63	40
nn 17	1	00..7F	Vibrato Delay	-64..+63	40
nn 18	1	00..7F	Filter Cutoff Frequency	-64..+63	40
nn 19	1	00..7F	Filter Resonance	-64..+63	40
nn 1A	1	00..7F	EG Attack Time	-64..+63	40
nn 1B	1	00..7F	EG Decay Time	-64..+63	40
nn 1C	1	00..7F	EG Release Time	-64..+63	40
nn 1D	1	28..58	MW Pitch Control	-24..+24[semitones]	40
nn 1E	1	00..7F	MW Filter Control	-9600..+9450[cent]	40
nn 1F	1	00..7F	MW Amplitude Control	-64..+63	40
nn 20	1	00..7F	MW LFO PMod Depth	0..127	0A
nn 21	1	00..7F	MW LFO FMod Depth	0..127	00
nn 22	1	00..7F	MW LFO AMod Depth	0..127	00
nn 23	1	28..58	Bend Pitch Control	-24..+24[semitones]	42
nn 24	1	00..7F	Bend Filter Control	-9600..+9450[cent]	40
nn 25	1	00..7F	Bend Amplitude Control	-64..+63	40
nn 26	1	00..7F	Bend LFO PMod Depth	0..127	00
nn 27	1	00..7F	Bend LFO FMod Depth	0..127	00
nn 28	1	00..7F	Bend LFO AMod Depth	0..127	00
TOTAL SIZE	29				
nn 30	1	00..01	Not Used		
nn 31	1	00..01	Not Used		
nn 32	1	00..01	Not Used		
nn 33	1	00..01	Not Used		
nn 34	1	00..01	Not Used		

# M I D I D a t a F o r m a t

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Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
nn 35	1	00..01	Not Used		
nn 36	1	00..01	Not Used		
nn 37	1	00..01	Not Used		
nn 38	1	00..01	Not Used		
nn 39	1	00..01	Not Used		
nn 3A	1	00..01	Not Used		
nn 3B	1	00..01	Not Used		
nn 3C	1	00..01	Not Used		
nn 3D	1	00..01	Not Used		
nn 3E	1	00..01	Not Used		
nn 3F	1	00..01	Not Used		
nn 40	1	00..01	Not Used		
nn 41	1	00..7F	Not Used		
nn 42	1	00..7F	Not Used		
nn 43	1	00..7F	Not Used		
nn 44	1	00..7F	Not Used		
nn 45	1	00..7F	Not Used		
nn 46	1	00..7F	Not Used		
nn 47	1	00..7F	Not Used		
nn 48	1	00..7F	Not Used		
nn 49	1	00..7F	Not Used		
nn 4A	1	00..7F	Not Used		
nn 4B	1	00..7F	Not Used		
nn 4C	1	00..7F	Not Used		
nn 4D	1	28..58	Ch's AT Pitch Control	-24..+24[semitones]	40
nn 4E	1	00..7F	Ch's AT Filter Control	-9600..+9450[cent]	40
nn 4F	1	00..7F	Ch's AT Amp. Control	-100..+100[%]	40
nn 50	1	00..7F	Ch's AT LFO PMod Depth	0..127	00
nn 51	1	00..7F	Ch's AT LFO FMod Depth	0..127	00
nn 52	1	00	Ch's AT LFO AMod Depth	0..127	00
nn 53	1	28..58	Not Used		
nn 54	1	00..7F	Not Used		
nn 55	1	00..7F	Not Used		
nn 56	1	00..7F	Not Used		
nn 57	1	00..7F	Not Used		
nn 58	1	00	Not Used		
nn 59	1	00..5F	Not Used		
nn 5A	1	28..58	Not Used		
nn 5B	1	00..7F	Not Used		
nn 5C	1	00..7F	Not Used		
nn 5D	1	00..7F	Not Used		
nn 5E	1	00..7F	Not Used		
nn 5F	1	00..7F	Not Used		
nn 60	1	00..5F	Not Used		
nn 61	1	28..58	Not Used		
nn 62	1	00..7F	Not Used		
nn 63	1	00..7F	Not Used		
nn 64	1	00..7F	Not Used		
nn 65	1	00..7F	Not Used		
nn 66	1	00..7F	Not Used		
nn 67	1	00..01	Portamento Switch	off/on	00
nn 68	1	00..7F	Portamento Time	0..127	00
nn 69	1	00..7F	Pitch EG Initial Level	-64..+63	40
nn 6A	1	00..7F	Pitch EG Attack Time	-64..+63	40
nn 6B	1	00..7F	Pitch EG Release Level	-64..+63	40
nn 6C	1	00..7F	Pitch EG Release Time	-64..+63	40
nn 6D	1	00..7F	Not Used		
nn 6E	1	00..7F	Not Used		

TOTAL SIZE 3F

nn = PartNumber

For the Drum Part, the following parameters have no effect.

- Bank Select LSB
- Portamento
- Soft Pedal
- Mono/Poly
- Scale Tuning
- Pitch EG

**< Table 1-7 >**

**MIDI Parameter Change table ( DRUM SETUP )**

Address (H)	Size (H)	Data (H)	Parameter Name	Description	Default value (H)
3n rr 00	1	00..7F	Pitch Coarse	-64..+63	relative effect 00
3n rr 01	1	00..7F	Pitch Fine	-64..+63[cent]	relative effect 00
3n rr 02	1	00..7F	Level	0..127	absolute effect XG Drum1
3n rr 03	1	00..7F	Alternate Group	0:off,1..127	absolute effect XG Drum1
3n rr 04	1	00..7F	Pan	0:random L63..C..R63 (1..64..127)	absolute effect XG Drum1
3n rr 05	1	00..7F	Reverb Send Level	0..127	absolute effect XG Drum1
3n rr 06	1	00..7F	Chorus Send Level	0..127	absolute effect XG Drum1
3n rr 07	1	00..7F	Variation Send Level	0..127	absolute effect XG Drum1
3n rr 08	1	00..01	Key Assign	0;single,1;multi	absolute effect XG Drum1
3n rr 09	1	00..01	Rcv Note Off	off/on (Invalid for voices for which GMx specifies Note-off recognition.)	absolute effect XG Drum1
3n rr 0A	1	00..01	Rcv Note On	off/on	absolute effect XG Drum1
3n rr 0B	1	00..7F	Filter Cutoff Frequency	-64..63	relative effect 00
3n rr 0C	1	00..7F	Filter Resonance	-64..63	relative effect 00
3n rr 0D	1	00..7F	EG Attack Rate	-64..63	relative effect 00
3n rr 0E	1	00..7F	EG Decay1 Rate	-64..63	relative effect 00
3n rr 0F	1	00..7F	EG Decay2 Rate	-64..63	relative effect 00
TOTAL SIZE	10				

n:Drum Setup Number - 1

rr:note number (0D - 5B)

When XG SYSTEM ON or GM SYSTEM ON messages are received, all Drum Setup Parameters will be initialized.

Drum Setup Reset message allows individual Drum Setup Parameters to be initialized.

**< Table 1-8 >**

**Effect Type List**

REVERB TYPE		[ ] is the order of display		
TYPE MSB	TYPE LSB			
DEC	HEX	00	01	02
000	0	[00]No Effect		
001	1	[01]Rev Hall 1	[02]Rev Hall 2	
002	2	[03]Rev Room1	[04]Rev Room 2	[05]Rev Room 3
003	3	[06]Rev Stage 1	[07]Rev Stage 2	
004	4	[08]Rev Plate		
005	5	No Effect		
:	:	:		
015	F	No Effect		
016	10	[09]Rev WhiteRm		
017	11	[10]Rev Tunnel		
018	12	No Effect		
019	13	[11]Rev Basement		
020	14	No Effect		
:	:	:		
127	7F	No Effect		

**CHORUS TYPE**

TYPE MSB		TYPE LSB	01	02	08
DEC	HEX	00			
000	0	[00]No Effect			
001	1	No Effect			
:	:	:			
064	40	No Effect			
065	41	[01]Chorus 1	[02]Chorus 2	[03]Chorus 3	[04]Chorus 4
066	42	[05]Celeste 1	[06]Celeste 2	[07]Celeste 3	[08]Celeste 4
067	43	[09]Flanger 1	[10]Flanger 2		[11]Flanger 3
068	46	No Effect			
069	45	No Effect			
:	:	:			
:	:	:			
127	7F	No Effect			

**VARIATION TYPE (0~63)**

TYPE MSB		TYPE LSB	01	02
DEC	HEX	00		
000	0	[00]No Effect		
001	1	[01]Rev Hall 1	[02]Rev Hall 2	
002	2	[03]Rev Room 1	[04]Rev Room 2	[05]Rev Room 3
003	3	[06]Rev Stage1	[07]Rev Stage2	
004	4	[08]Rev Plate		
005	5	[09]DelayL,C,R		
006	6	[10]Delay L,R		
007	7	[11]Echo		
008	8	[12]CrossDelay		
009	9	[13]EarlyRef.1	[14]EarlyRef.2	
010	A	[15]GateReverb		
011	B	[16]ReversGate		
012	C	No Effect (sys) ,THRU (ins)		
:	:	:		
019	13	No Effect (sys) ,THRU (ins)		
020	14	[17]RevKaraok1	[18]RevKaraok2	[19]RevKaraok3
021	15	No Effect (sys) ,THRU (ins)		
:	:	:		
063	3F	No Effect (sys) ,THRU (ins)		

**VARIATION TYPE (64~127)**

TYPE MSB		TYPE LSB	01	02	08
DEC	HEX	00			
064	40	[43]THRU			
065	41	[20]Chorus 1	[21]Chorus 2	[22]Chorus 3	[23]Chorus 4
066	42	[24]Celeste 1	[25]Celeste 2	[26]Celeste 3	[27]Celeste 4
067	43	[28]Flanger 1	[29]Flanger 2	[30]Flanger 3	
068	44	[31]Symphonic			
069	45	[32]RotarySp.			
070	46	[33]Tremolo			
071	47	[34]Auto PAN			
072	48	[35]Phaser 1		[36]Phaser 2	
073	49	[37]Distortion			
074	4A	[38]Overdrive			
075	4B	[39]G-Amp.Sim.			
076	4C	[40]3 Band EQ			
077	4D	[41]2 Band EQ			
078	4E	[42]Auto Wah			
079	4F	THRU			
:	:	:			
127	7F	THRU			

< Table 1-9 >

SEQUENCER PARAMATER ADDRESS

	Address			Size	Description	Recv	Trans	Req
	H	M	L					
SYSTEM	00	00	00	1	bulk mode on/off	O	O	O
BULK DUMP SONG	01	00	00	147	song 1	O	O	O
	:	:	:		:	:	:	:
	01	13	00		song 20	O	O	O
	01	7f	00		song all	X	X	O
BULK DUMP PATTERN	02	00	00	147	use pattern 1	O	O	O
	:	:	:		:	:	:	:
	02	3f	00		user pattern 64	O	O	O
	02	7f	00		user pattern all	X	X	O
BULK DUMP SETUP	03	00	00	32	setup parameter	O	O	O
BULK DUMP ALL	04	00	00	147	all data	X	X	O
INFORMATION	05	00	00	320	song	X	O	O
	05	01	00	512	pattern 1 - 32	X	O	O
	05	01	01	512	pattern 33 - 64	X	O	O
COMMAND	08	00	00	1	clear song	O	X	X
	08	01	00		clear pattern	O	X	X

O : Yes X : No

Decimal↔Hexadecimal↔Binary Correspondence List

Many MIDI messages listed in the MIDI Data Format section are expressed in hexadecimal or binary numbers. Hexadecimal numbers may include the letter "H" as a suffix. The letter "n" indicates a certain whole number. The chart below lists the corresponding decimal number for each hexadecimal/binary number.

Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary
0	00	0000 0000	32	20	0010 0000	64	40	0100 0000	96	60	0110 0000
1	01	0000 0001	33	21	0010 0001	65	41	0100 0001	97	61	0110 0001
2	02	0000 0010	34	22	0010 0010	66	42	0100 0010	98	62	0110 0010
3	03	0000 0011	35	23	0010 0011	67	43	0100 0011	99	63	0110 0011
4	04	0000 0100	36	24	0010 0100	68	44	0100 0100	100	64	0110 0100
5	05	0000 0101	37	25	0010 0101	69	45	0100 0101	101	65	0110 0101
6	06	0000 0110	38	26	0010 0110	70	46	0100 0110	102	66	0110 0110
7	07	0000 0111	39	27	0010 0111	71	47	0100 0111	103	67	0110 0111
8	08	0000 1000	40	28	0010 1000	72	48	0100 1000	104	68	0110 1000
9	09	0000 1001	41	29	0010 1001	73	49	0100 1001	105	69	0110 1001
10	0A	0000 1010	42	2A	0010 1010	74	4A	0100 1010	106	6A	0110 1010
11	0B	0000 1011	43	2B	0010 1011	75	4B	0100 1011	107	6B	0110 1011
12	0C	0000 1100	44	2C	0010 1100	76	4C	0100 1100	108	6C	0110 1100
13	0D	0000 1101	45	2D	0010 1101	77	4D	0100 1101	109	6D	0110 1101
14	0E	0000 1110	46	2E	0010 1110	78	4E	0100 1110	110	6E	0110 1110
15	0F	0000 1111	47	2F	0010 1111	79	4F	0100 1111	111	6F	0110 1111
16	10	0001 0000	48	30	0011 0000	80	50	0101 0000	112	70	0111 0000
17	11	0001 0001	49	31	0011 0001	81	51	0101 0001	113	71	0111 0001
18	12	0001 0010	50	32	0011 0010	82	52	0101 0010	114	72	0111 0010
19	13	0001 0011	51	33	0011 0011	83	53	0101 0011	115	73	0111 0011
20	14	0001 0100	52	34	0011 0100	84	54	0101 0100	116	74	0111 0100
21	15	0001 0101	53	35	0011 0101	85	55	0101 0101	117	75	0111 0101
22	16	0001 0110	54	36	0011 0110	86	56	0101 0110	118	76	0111 0110
23	17	0001 0111	55	37	0011 0111	87	57	0101 0111	119	77	0111 0111
24	18	0001 1000	56	38	0011 1000	88	58	0101 1000	120	78	0111 1000
25	19	0001 1001	57	39	0011 1001	89	59	0101 1001	121	79	0111 1001
26	1A	0001 1010	58	3A	0011 1010	90	5A	0101 1010	122	7A	0111 1010
27	1B	0001 1011	59	3B	0011 1011	91	5B	0101 1011	123	7B	0111 1011
28	1C	0001 1100	60	3C	0011 1100	92	5C	0101 1100	124	7C	0111 1100
29	1D	0001 1101	61	3D	0011 1101	93	5D	0101 1101	125	7D	0111 1101
30	1E	0001 1110	62	3E	0011 1110	94	5E	0101 1110	126	7E	0111 1110
31	1F	0001 1111	63	3F	0011 1111	95	5F	0101 1111	127	7F	0111 1111

- For example, 144 - 159(Decimal)/9nH/1001 0000 - 1001 1111(Binary) indicate the note-on messages for the channels 1 through 16 respectively. 176 - 191/BnH/1011 0000 - 1011 1111 indicate the control change messages for the channels 1 through 16 respectively. 192 - 207/CnH/1100 0000 - 1100 1111 indicate the program change messages for the channels 1 through 16 respectively. 240/FOH/1111 0000 is positioned at the beginning of data to indicate a system exclusive message. 247/F7H/1111 0111 is positioned at the end of the system exclusive message.
- aaH(Hexadecimal)/0aaaaaaa(Binary) indicates the data addresses. The data address consists of High, Mid and Low.
- bbH/0bbbbbbb indicates byte counts.
- ccH/0ccccccc indicates check sums.
- ddH/0ddddddd indicates data/value.

YAMAHA [ Music Sequencer --- voice part] Date:24-APR-1997  
 Model QY70 MIDI Implementation Chart Version : 1.0

Function ...	Transmitted	Recognized	Remarks
Basic Channel	1 - 16 1 - 16	1 - 16 1 - 16	Memorized
Mode	3	1	Memorized
Messages Altered	x *****	1 - 4(m=1) x	*2
Note Number : True voice	0 - 127 *****	0 - 127 0 - 127	Transpose
Velocity Note ON Note OFF	0 9nH,v=1-127 x 9nH,v=0	o v=1-127 x	
After Touch	x x	x o	*1
Pitch Bender	x	o 0-24 semi	
	0,32	o	Bank Select
	1,7,10	o	
5,11,64,65-67	x	o	
6,38	x	o	
Control	16	o	Data Entry
	71-74	o	Assignable Cntrl
Change	84	o	Sound Controller
	91,93,94	o	Portamento Cont. Effect SendLevel



M I D I D a t a F o r m a t

Data INC,DEC  
 NRPN LSB,MSB  
 RPN LSB,MSB  
 All Sound Off  
 Reset All Cntrls

0  
 0  
 0  
 0  
 0

96,97 x  
 98,99 x  
 100,101 x  
 120 x  
 121 x

Prog  
 Change : True # 0 0 - 127  
 \*\*\*\*\*  
 0 - 127

0

System Exclusive 0

System : Song Pos. x  
 : Song Sel. x  
 Common : Tune x

System :Clock x  
 Real Time :Commands x

Aux :Local ON/OFF x  
 :All Notes OFF x  
 Mes- :Active Sense o  
 sages:Reset x

Notes: \*1 receive if switch is on.  
 \*2 m is always treated as "1" regardless of its value.

Mode 1 : OMNI ON, POLY Mode 2 : OMNI ON, MONO o : YES  
 Mode 3 : OMNI OFF, POLY Mode 4 : OMNI OFF, MONO x : NO

YAMAHA [ Music Sequencer --- sequencer part] Date: 24-APR-1997  
 Model QY70 MIDI Implementation Chart Version : 1.0

Function ...	Transmitted	Recognized	Remarks
Basic Channel	1 - 16	1 - 16	Memorized
Changed	x	x	
Mode	x	x	
Default Messages	x	x	
Altered	*****	x	
Note Number : True voice	0 - 127	0 - 127	
	*****		
Velocity Note ON	o 9nH, v=1-127	o v=1-127	
Note OFF	x 9nH, v=0	x	
After Touch	o	o	
Ch's	o	o	
Pitch Bender	o	o	
0-121	o	o	
Control Change			

M I D I D a t a F o r m a t

Prog Change : True #      0 0 - 127      0 0 - 127  
 \*\*\*\*\*

System Exclusive      0      0

System : Song Pos.      0      \*2      \*1  
 : Song Sel.      0      \*2      \*1  
 Common : Tune      x

System :Clock      0      \*2      \*3  
 Real Time :Commands      0      \*2      \*1

Aux :Local ON/OFF      0      0  
 :All Notes OFF      x      x  
 Mes- :Active Sense      x      x  
 sages:Reset      x      x

Notes: \*1 if MIDI control is in or in/out  
 \*2 if MIDI control is out or in/out  
 \*3 if MIDI sync is external

Mode 1 : OMNI ON, POLY      Mode 2 : OMNI ON, MONO      0 : Yes  
 Mode 3 : OMNI OFF, POLY      Mode 4 : OMNI OFF, MONO      x : No

**YAMAHA**  
YAMAHA CORPORATION

