

Electronic Acoustic Drum Module

EAD50

Data List

EN

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Sounds List

Inst

(*1) Supports Real Ambi.

(*2) Supports position sensing for head shots and open rim shots.

(*3) Supports position sensing for bow shots.

No Assign

No.	Inst name
1	No Assign

Kick Aco

No.	Inst name	
1	AMB2218 1	(*1)
2	AMB1814 2	(*1)
3	RBB2216Cl	(*1)
4	RBB2216Op	(*1)
5	PHXB2218Cl	(*1)
6	PHXB2218Op	(*1)
7	Rock2218 1	(*1)
8	Rock2416 2	(*1)
9	Vintq2216 1	(*1)
10	Vintq2216 2	(*1)
11	Vintq2016 3	(*1)
12	VinMt2216 1	(*1)
13	VinMt2216 2	(*1)
14	VinMt2016 3	(*1)
15	VinMt2016 4	(*1)
16	Jazz2016 1	(*1)
17	Jazz2214 2	(*1)
18	Jazz1818 3	(*1)
19	Dirty2414 1	(*1)
20	Dirty2416 2	(*1)
21	Dirty2416 3	(*1)
22	Maple	
23	Oak1	
24	Oak2	
25	Birch	
26	Beech	
27	Vintage70s	
28	Vintage70sMt	
29	Vintage50s	
30	Vintage50sMt	
31	Punk	
32	Metal	
33	Rock	
34	HardRock	
35	Jazz	
36	Assist1	
37	Assist2	
38	Assist3	
39	Assist4	
40	Assist5	
41	Assist6	
42	Assist7	
43	Assist8	
44	Assist9	
45	Assist10	
46	Assist11	
47	Assist12	
48	Assist13	
49	Assist14	

Kick Ele

No.	Inst name
1	RX1
2	RX2
3	T8 1
4	T8 2
5	T8 3
6	T8 4
7	T8 5
8	T8 6
9	T8 7
10	T8 8
11	T8 9
12	T9 1
13	T9 2
14	T9 3
15	T9 4
16	T9 5
17	T9 6
18	T9 7
19	T9 8
20	T9 9
21	T9 10
22	T9 11
23	T9 12
24	Analog1
25	Analog2
26	Analog3
27	AnalogComp1
28	AnalogComp2
29	Trance
30	Gate1
31	Gate2
32	Gate3
33	Gate4
34	Electro1
35	Electro2
36	Electro3
37	Electro4
38	Electro5
39	Electro6
40	Electro7
41	Electro8
42	Electro9
43	Electro10
44	Electro11
45	Electro12
46	Electro13
47	Electro14
48	Electro15
49	Electro16
50	Electro17
51	Electro18
52	Electro19
53	Electro20
54	Electro21
55	Electro22
56	Electro23
57	Electro24
58	Electro25
59	Electro26
60	Electro27
61	ElectroComp1
62	ElectroComp2
63	ElectroComp3
64	R&B1
65	R&B2
66	R&B3
67	R&B4
68	R&B5
69	HipHop1
70	HipHop2
71	HipHop3
72	HipHop4
73	HipHop5
74	HipHop6
75	HipHop7
76	HipHop8
77	HipHop9
78	HipHop10
79	HipHop11
80	HipHop12
81	HipHop13
82	HipHop14
83	HipHop15
84	HipHop16
85	HipHop17
86	HipHop18
87	HipHop19
88	HipHop20
89	HipHop21
90	HipHop22

No.	Inst name
91	HipHop23
92	HipHop24
93	HipHop25
94	Break1
95	Break2
96	Break3
97	Break4
98	Break5
99	Break6
100	Break7
101	Blast1
102	Blast2
103	Jungle1
104	Jungle2
105	Jungle3
106	Distortion1
107	Distortion2
108	Distortion3
109	Distortion4
110	Distortion5
111	Distortion6
112	Dance1
113	Dance2
114	Dance3
115	Dance4
116	Dance5
117	Dance6
118	Impact
119	Vocal1
120	Vocal2
121	Vocal3
122	Lo-Fi
123	Hammer
124	ZapHard
125	ZapMid
126	Sustain
127	Power
128	HardLong
129	ThickSkin
130	Slimy
131	DubStep1
132	DubStep2
133	DubStep3
134	DubStep4
135	DubStep5
136	DubStep6
137	DubStep7
138	DubStep8
139	DubStep9
140	DubStep10
141	House1
142	House2
143	House3
144	House4
145	House5
146	House6
147	House7
148	House8
149	House9
150	House10
151	Bounce1
152	Bounce2
153	Bounce3
154	Bounce4
155	Bounce5
156	Bounce6
157	Bounce7
158	Bounce8
159	Bounce9
160	Bounce10
161	BigRoom1
162	BigRoom2
163	BigRoom3
164	BigRoom4
165	BigRoom5
166	BigRoom6
167	BigRoom7
168	BigRoom8
169	BigRoom9
170	BigRoom10
171	DancePop1
172	DancePop2
173	DancePop3
174	DancePop4
175	DancePop5
176	DancePop6
177	DancePop7
178	DancePop8
179	DancePop9
180	DancePop10

No.	Inst name
181	Trap1
182	Trap2
183	BeatBox1
184	BeatBox2
185	BeatBox3
186	PopRock1
187	PopRock2
188	PopRock3
189	EDM1
190	EDM2
191	EDM3
192	EDM4
193	EDM5
194	EDM6
195	EDM7
196	EDM8
197	EDM9
198	EDM10
199	EDM11
200	EDM12
201	EDM13
202	EDM14
203	SuperLow
204	Attack1
205	Attack2
206	Attack3
207	Attack4
208	Attack5
209	Attack6
210	Attack7
211	Attack8
212	Attack9
213	Attack10
214	Attack11
215	Attack12
216	Attack13
217	Attack14
218	Attack15
219	Attack16
220	Attack17
221	Attack18
222	Attack19
223	Attack20
224	Attack21
225	Attack22
226	Low1
227	Low2
228	Low3
229	Low4
230	Low5
231	Low6
232	Low7
233	Low8
234	Low9
235	Low10
236	Low11
237	Low12
238	Low13
239	Low14
240	Low15
241	Low16
242	Low17
243	Low18
244	Low19
245	Low20
246	Low21
247	Low22
248	Low23
249	Low24
250	Low25
251	Low26
252	Low27
253	Low28
254	Low29
255	Low30
256	Low31
257	Low32
258	Low33
259	Low34
260	Low35
261	Low36
262	Low37
263	Low38
264	Low39
265	Low40
266	Low41
267	External1
268	External2
269	External3
270	External4

No.	Inst name
271	External5
272	External6
273	External7
274	External8
275	External9
276	External10
277	External11
278	External12
279	External13
280	External14
281	External15
282	External16
283	External17
284	External18
285	External19
286	External20
287	External21
288	External22
289	External23
290	External24
291	External25
292	External26
293	External27
294	External28
295	External29
296	External30

Snare Aco

No.	Inst name	
1	AHM1460	(*1) (*2)
2	SD4365PH	(*1) (*2)
3	SD655ARH	(*1) (*2)
4	D20 1450	(*1) (*2)
5	MSD0105	(*1) (*2)
6	RAS1455	(*1) (*2)
7	RLS1470	(*1) (*2)
8	Rock1455 1	(*1) (*2)
9	Rock1460 2	(*1) (*2)
10	Rock1460 3	(*1) (*2)
11	Rock1450 4	(*1) (*2)
12	Vintg1450 1	(*1) (*2)
13	Vintg1460 2	(*1) (*2)
14	VintMt1450 1	(*1) (*2)
15	VintMt1460 2	(*1) (*2)
16	VintMt1455 3	(*1) (*2)
17	VintMt1450 4	(*1) (*2)
18	Vintg70s1450	(*1) (*2)
19	Jazz1450 1	(*1) (*2)
20	Jazz1350 2	(*1) (*2)
21	Dirty1460 1	(*1) (*2)
22	Dirty1465 2	(*1) (*2)
23	Off1450	(*1) (*2)
24	TMS1455&Sp	(*1)
25	Marching	(*1) (*2)
26	Orchestral	(*1) (*2)
27	Piccolo	(*1) (*2)
28	Maple	(*2)
29	Oak	(*2)
30	DeepOak	(*2)
31	Birch	(*2)
32	Beech	(*2)
33	Vintage70s	(*2)
34	Vintage50s	(*2)
35	Punk	(*2)
36	Metal	(*2)
37	Rock	(*2)
38	HardRock	(*2)
39	Funk	(*2)
40	Jazz	(*2)
41	Brush	(*2)
42	BrushSweep	
43	Assist1	
44	Assist2	
45	Assist3	
46	Assist4	
47	Assist5	
48	Assist6	
49	Assist7	
50	Assist8	
51	Assist9	
52	Assist10	
53	Assist11	
54	Assist12	
55	Assist13	

Snare Ele

No.	Inst name
1	RX1
2	RX2
3	RX3
4	RX4
5	RX5
6	RX6
7	T8 1
8	T8 2
9	T8 3
10	T8 4
11	T8 5
12	T8 6
13	T8 7
14	T9 1
15	T9 2
16	T9 3
17	T9 4
18	T9 5
19	T9 6
20	T9 7
21	T9 8
22	T9 9
23	T9 10
24	Analog1
25	Analog2
26	Analog3
27	Analog4
28	Trance1
29	Trance2
30	Gate1
31	Gate2
32	Gate3
33	Gate4
34	Gate5
35	Gate6
36	Gate7
37	Gate8
38	Electro1
39	Electro2
40	Electro3
41	Electro4
42	Electro5
43	Electro6
44	Electro7
45	Electro8
46	Electro9
47	Electro10
48	Electro11
49	Electro12
50	Electro13
51	Electro14
52	Electro15
53	Electro16
54	Electro17
55	Electro18
56	Electro19
57	Electro20
58	Electro21
59	Electro22
60	Electro23
61	Electro24
62	Electro25
63	Electro26
64	Electro27
65	Electro28
66	Electro29
67	Electro30
68	Electro31
69	Electro32
70	Electro33
71	Electro34
72	R&B1
73	R&B2
74	R&B3
75	R&B4
76	HipHop1
77	HipHop2
78	HipHop3
79	HipHop4
80	HipHop5
81	HipHop6
82	HipHop7
83	HipHop8
84	HipHop9
85	HipHop10
86	HipHop11
87	HipHop12
88	HipHop13
89	HipHop14
90	HipHop15

No.	Inst name
91	HipHop16
92	HipHop17
93	HipHop18
94	HipHop19
95	HipHop20
96	HipHopGate
97	Drum'nBass1
98	Drum'nBass2
99	Drum'nBass3
100	Drum'nBass4
101	Break1
102	Break2
103	Break3
104	Break4
105	Break5
106	Break6
107	Human1
108	Human2
109	Blast1
110	Blast2
111	Blast3
112	Blast4
113	Jungle1
114	Jungle2
115	Jungle3
116	Jungle4
117	Distortion
118	Impact1
119	Impact2
120	FX1
121	FX2
122	FX3
123	FX4
124	Vocal
125	Lo-Fi
126	Cut
127	Garg1
128	Garg2
129	FM1
130	FM2
131	Timbr
132	Wood
133	Hammer
134	SE Rm
135	DubStep1
136	DubStep2
137	DubStep3
138	DubStep4
139	DubStep5
140	DubStep6
141	DubStep7
142	DubStep8
143	DubStep9
144	DubStep10
145	Dub1
146	Dub2
147	House1
148	House2
149	House3
150	House4
151	House5
152	House6
153	House7
154	House8
155	House9
156	House10
157	House11
158	House12
159	Bounce1
160	Bounce2
161	Bounce3
162	Bounce4
163	Bounce5
164	Bounce6
165	Bounce7
166	Bounce8
167	Bounce9
168	Bounce10
169	BigRoom1
170	BigRoom2
171	BigRoom3
172	BigRoom4
173	BigRoom5
174	BigRoom6
175	BigRoom7
176	BigRoom8
177	BigRoom9
178	BigRoom10
179	DancePop1
180	DancePop2

No.	Inst name
181	DancePop3
182	DancePop4
183	DancePop5
184	DancePop6
185	DancePop7
186	DancePop8
187	DancePop9
188	DancePop10
189	Trap1
190	Trap2
191	Trap3
192	Trap4
193	Trap5
194	Trap6
195	Trap7
196	BeatBox1
197	BeatBox2
198	BeatBox3
199	BeatBox4
200	BeatBox5
201	BeatBox6
202	PopRock1
203	PopRock2
204	PopRock3
205	PopRock4
206	PopRock5
207	PopRock6
208	EDM1
209	EDM2
210	EDM3
211	EDM4
212	EDM5
213	EDM6
214	EDM7
215	EDM8
216	EDM9
217	EDM10
218	EDM11
219	EDM12
220	BitPop1
221	BitPop2
222	Attack1
223	Attack2
224	Attack3
225	Attack4
226	Attack5
227	Attack6
228	Attack7
229	Attack8
230	Attack9
231	Attack10
232	Attack11
233	Attack12
234	Attack13
235	Attack14
236	Attack15
237	Attack16
238	Attack17
239	Attack18
240	Attack19
241	Attack20
242	Attack21
243	Attack22
244	Attack23
245	Attack24
246	Attack25
247	Attack26
248	Attack27
249	Attack28
250	Attack29
251	Attack30
252	Attack31
253	Distort1
254	Distort2
255	Distort3
256	Distort4
257	Distort5
258	Distort6
259	Distort7
260	Distort8
261	Distort9
262	Distort10
263	Distort11
264	Distort12
265	Distort13
266	Distort14
267	Noise1
268	Noise2
269	Noise3
270	Noise4

No.	Inst name
271	Noise5
272	Noise6
273	Noise7
274	Noise8
275	Tight1
276	Tight2
277	Tight3
278	Tight4
279	Tight5
280	Tight6
281	Tight7
282	Tight8
283	Tight9
284	Tight10
285	Tight11
286	Tight12
287	Tight13
288	Tight14
289	Tight15
290	Tight16
291	Tight17
292	Tight18
293	External1
294	External2
295	External3
296	External4
297	External5
298	External6
299	External7
300	External8
301	External9
302	External10
303	External11
304	External12
305	External13
306	External14
307	External15
308	External16
309	External17
310	External18
311	External19
312	External20
313	External21
314	External22

Tom Aco

No.	Inst name	
1	AMT1007H	(*1)
2	AMT1208M	(*1)
3	AMT1413L	(*1)
4	AMF1615F	(*1)
5	RBT1007H	(*1)
6	RBT1208M	(*1)
7	RBT1413L	(*1)
8	RBT1615F	(*1)
9	PHXT1007H	(*1)
10	PHXT1208M	(*1)
11	PHXT1413L	(*1)
12	PHXT1615F	(*1)
13	Rock1008H	(*1)
14	Rock1209M	(*1)
15	Rock1414L	(*1)
16	Rock1816F	(*1)
17	Vintage1212H	(*1)
18	Vintage1312M	(*1)
19	Vintage1616L	(*1)
20	Vintage1817F	(*1)
21	Jazz1007H	(*1)
22	Jazz1208M	(*1)
23	Jazz1412L	(*1)
24	Jazz1615F	(*1)
25	Dirty1008H	(*1)
26	Dirty1208M	(*1)
27	Dirty1308L	(*1)
28	Dirty1614F	(*1)
29	MapleH	
30	MapleM	
31	MapleL	
32	OakH	
33	OakM	
34	OakL	
35	BirchH	
36	BirchM	
37	BirchL	
38	BeechH	
39	BeechM	
40	BeechL	
41	Vintage70sH	
42	Vintage70sM	
43	Vintage70sL	
44	Vintage50sH	
45	Vintage50sM	
46	Vintage50sL	
47	PunkH	
48	PunkM	
49	PunkL	
50	MetalH	
51	MetalM	
52	MetalL	
53	HardRockH	
54	HardRockM	
55	HardRockL	
56	JazzH	
57	JazzM	
58	JazzL	
59	BrushH	
60	BrushM	
61	BrushL	
62	MarchingH	
63	MarchingM	
64	MarchingL	

Tom Ele

No.	Inst name	
1	RX1H	
2	RX1M	
3	RX1L	
4	RX2H	
5	RX2M	
6	RX2L	
7	T8 1H	
8	T8 1M	
9	T8 1L	
10	T8 2H	
11	T8 2M	
12	T8 2L	
13	T8 3H	
14	T8 3M	
15	T8 3L	
16	T9 1H	
17	T9 1M	
18	T9 1L	
19	T9 2H	
20	T9 2M	
21	T9 2L	
22	AnalogH	
23	AnalogM	
24	AnalogL	
25	SynthH	
26	SynthM	
27	SynthL	
28	BigH	
29	BigM	
30	BigL	
31	Gate1H	
32	Gate1M	
33	Gate1L	
34	Gate2H	
35	Gate2M	
36	Gate2L	
37	Gate3H	
38	Gate3M	
39	Gate3L	
40	NoiseH	
41	NoiseM	
42	NoiseL	
43	Electro1H	
44	Electro1M	
45	Electro1L	
46	Electro2H	
47	Electro2M	
48	Electro2L	
49	HipHopH	
50	HipHopM	
51	HipHopL	
52	Drum'nBassH	
53	Drum'nBassM	
54	Drum'nBassL	
55	VocalH	
56	VocalM	
57	VocalL	
58	DubStep1H	
59	DubStep1M	
60	DubStep1L	
61	DubStep2H	
62	DubStep2M	
63	DubStep2L	
64	DubStep3H	
65	DubStep3M	
66	DubStep3L	
67	DubStep4H	
68	DubStep4M	
69	DubStep4L	
70	DubStep5H	
71	DubStep5M	
72	DubStep5L	
73	House1H	
74	House1M	
75	House1L	
76	House2H	
77	House2M	
78	House2L	
79	House3H	
80	House3M	
81	House3L	
82	House4H	
83	House4M	
84	House4L	
85	House5H	
86	House5M	
87	House5L	
88	House6H	
89	House6M	
90	House6L	

Crash

No.	Inst name	
1	Rock16 1	(*1) (*3)
2	Rock19 2	(*1) (*3)
3	Vintage16 1	(*1) (*3)
4	Vintage16 2	(*1) (*3)
5	Jazz18 1	(*1) (*3)
6	Jazz18 2	(*1) (*3)
7	Jazz17 3	(*1) (*3)
8	Brill16 1	
9	Brill18 2	
10	Bright18	(*3)
11	Warm16	
12	Dark18	(*3)
13	Modern18	
14	Vivid17	
15	Thin16	
16	Vintg60s16 1	
17	Vintg60s18 2	
18	Swing18	

Crash Ele

No.	Inst name	
1	RX	
2	T8	
3	T9	
4	Synth1	
5	Synth2	
6	Noise1	
7	Noise2	
8	Noise3	
9	Electro1	
10	Electro2	
11	Electro3	
12	Electro4	
13	HipHop1	
14	HipHop2	
15	HipHop3	
16	HipHop4	
17	HipHop5	
18	HipHop6	
19	HipHop7	
20	Dance1	
21	Dance2	
22	Dance3	
23	Dance4	
24	Lo-Fi	
25	Rev1	
26	Rev2	
27	DubStep1	
28	DubStep2	
29	DubStep3	
30	DubStep4	
31	DubStep5	
32	House1	
33	House2	
34	House3	
35	House4	
36	House5	
37	House6	
38	Bounce1	
39	Bounce2	
40	Bounce3	
41	Bounce4	
42	Bounce5	
43	Bounce6	
44	BigRoom1	
45	BigRoom2	
46	BigRoom3	
47	BigRoom4	
48	BigRoom5	
49	DancePop1	
50	DancePop2	
51	DancePop3	
52	DancePop4	
53	DancePop5	
54	Trap1	
55	Trap2	
56	Trap3	
57	Trap4	
58	Trap5	
59	BeatBox1	
60	BeatBox2	
61	BeatBox3	
62	BeatBox4	
63	BeatBox5	
64	BeatBox6	
65	PopRock1	
66	PopRock2	
67	PopRock3	
68	PopRock4	
69	PopRock5	
70	PopRock6	
71	EDM1	
72	EDM2	
73	BitPop	

Ride Aco

No.	Inst name	
1	Rock22	(*1) (*3)
2	Vintage22	(*1) (*3)
3	Jazz21 1	(*1) (*3)
4	Jazz20 2	(*1) (*3)
5	Bright20	(*3)
6	Warm20	(*3)
7	Dark20	(*3)
8	Dark20 2	(*3)
9	Modern20	(*3)
10	Vintg60s22	(*3)
11	Swing22	(*3)
12	Sizzle20	(*3)

Ride Ele

No.	Inst name
1	RX1
2	RX2
3	T8
4	T9
5	Electro
6	HipHop1
7	HipHop2
8	HipHop3
9	HipHop4
10	HipHop5
11	HipHop6
12	HipHop7
13	Trap
14	EDM1
15	EDM2
16	EDM3

EffectCymbal

No.	Inst name
1	China17 1
2	China18 2 (*)
3	China22 3 (*)
4	Splash7 1 (*)
5	Splash8 2 (*)
6	Splash8 3 (*)
7	Splash8 4
8	Splash9 5 (*)
9	Splash10 6 (*)
10	Splash10 7 (*)
11	Splash10 8
12	Splash12 9 (*)
13	Splash19 10 (*)
14	Trash14 1 (*)
15	Trash16 2
16	Stack10&10 (*)
17	Stack16&14 (*)
18	Stack17&18 (*)
19	Stack16&18 (*)

HH Aco

No.	Inst name
1	Pop14 (*)
2	Rock15 (*)
3	Vintage14 (*)
4	Jazz14 1 (*)
5	Jazz14 2 (*)
6	Dirty16 (*)
7	Brilliant14
8	Bright14
9	Dark14
10	Cool14
11	Vintg60s14
12	Punk14
13	Swing14

HH Ele

No.	Inst name
1	RX1
2	RX2
3	T8 1
4	T8 2
5	T9 1
6	T9 2
7	Electro1
8	Electro2
9	Electro3
10	Electro4
11	Electro5
12	Electro6
13	Electro7
14	Electro8
15	Electro9
16	Electro10
17	R&B1
18	R&B2
19	HipHop1
20	HipHop2
21	HipHop3
22	Drum'n'Bass
23	Vocal1
24	Vocal2
25	Dubstep1
26	Dubstep2
27	Dubstep3
28	Dubstep4
29	Dubstep5
30	House1
31	House2
32	House3
33	House4
34	House5
35	Bounce1
36	Bounce2
37	Bounce3
38	Bounce4
39	Bounce5
40	BigRoom1
41	BigRoom2
42	BigRoom3
43	BigRoom4
44	BigRoom5
45	DancePop1
46	DancePop2
47	DancePop3
48	DancePop4
49	DancePop5
50	Trap1
51	Trap2
52	BeatBox1
53	BeatBox2
54	BeatBox3
55	PopRock1
56	PopRock2
57	PopRock3
58	EDM1
59	EDM2
60	EDM3
61	EDM4
62	EDM5
63	BitPop

Perc Aco

No.	Inst name		No.	Inst name
1	Cowbell1	(*)1	91	BongoL1Rim
2	Cowbell1Edg	(*)1	92	BongoL1Slp
3	Cowbell2		93	BongoL2Op
4	Cowbell2Top1		94	Claves1
5	Cowbell2Top2		95	Claves2
6	Cowbell2Edg		96	Claves3
7	Cowbell3		97	WoodClave
8	Cowbell3Top1		98	FibreClave
9	Cowbell3Top2		99	GuiroShort
10	Cowbell3Edg	(*)1	100	GuiroLong
11	Cowbell4		101	MambobellOp
12	Cowbell5		102	MambobellEg
13	Cowbell6		103	Maracas
14	Cowbell7		104	SurdoOp
15	Cowbell8		105	SurdoMt
16	Cowbell9		106	Pandeiro1Op
17	Cowbell10		107	Pandeiro1Cl
18	Cowbell11		108	Pndeir1ToeOp
19	Cowbell12		109	Pndeir1ToeCl
20	Cowbell12Edg	(*)1	110	Pandeiro1Slp
21	Block		111	Pandeiro2Op
22	WoodBlockH		112	Pandeiro2Cl
23	WoodBlockL		113	Pndeir2ToeOp
24	PlasticBlock		114	Pndeir2ToeCl
25	ResinBlock1		115	Pandeiro2Slp
26	ResinBlock2		116	Pandeiro3Op
27	TempleBlock1		117	Pandeiro3Tap
28	TempleBlock2		118	Pandeiro3Shk
29	TempleBlock3		119	Pandeiro3Sld
30	Agogo1H		120	Shaker1Up
31	Agogo1L		121	Shaker1Down
32	Agogo1Cl		122	Shaker1Long
33	Agogo2H		123	Shaker2Up
34	Agogo2L		124	Shaker2Down
35	Agogo2Cl		125	Shaker3
36	Agogo3H		126	Shaker4
37	Agogo3L		127	CaxixiHit
38	Tambourine1		128	WhistleS
39	Tambrin1Shk		129	WhistleL
40	Tambourin2		130	Whipl
41	Tambrin2Shk	(*)1	131	Whipl
42	Tambourine3	(*)1	132	DjembeLo
43	Tambourine4		133	DjembeOp
44	Tambourine5	(*)1	134	DjembeSlp
45	Tambourine6	(*)1	135	DjembeMt
46	Tambourine7		136	TalkDrOp
47	Tambourine8		137	PotDrumOp
48	OrTambHTOp		138	DundunOp
49	OrTambHTCl		139	DundunCl
50	OrTambHTSk		140	SangbanOp
51	Tamtam1	(*)1	141	KenkeniOp
52	Tamtam2	(*)1	142	AfricanBH
53	Tamtam3	(*)1	143	AfricanBL
54	Tamtam4		144	DarbukaOp
55	Tamtam5	(*)1	145	DarbukaSl
56	Tamtam6	(*)1	146	DarbukaMt
57	Gong	(*)1	147	TefTekOp
58	ChinaGong		148	TefTekMt
59	FingerCym1	(*)1	149	TefDumOp
60	FingerCym2	(*)1	150	TefDumMt
61	FingerCym3	(*)1	151	TombakOp
62	WindChime1		152	DafOp
63	WindChime2		153	DafSlp
64	WindChime3		154	DafMt
65	SleighBell1		155	RiqOp
66	SleighBell2		156	RiqSlp
67	JingleBell		157	RiqShk
68	TimbalesH1Op		158	RiqHt
69	TimbalH1Rim		159	RiqDom
70	TimbalesL1Op		160	RiqTak1
71	TimbalL1Rim		161	RiqTak2
72	Timbales2H		162	RiqFinger1
73	Timbales2L		163	RiqFinger2
74	CajonLo		164	RiqSak
75	CajonFt		165	RiqTik
76	CajonSlp		166	Sagat1Op
77	CajonMt		167	Sagat1Cl
78	CongaH1Op		168	Sagat2Op
79	CongaH1Slp		169	Sagat2Cl
80	CongaH2Op		170	ZilRightOp
81	CongaH2Slp		171	ZilRightCl
82	CongaL1Op		172	ZilLeftOp
83	CongaL1Slp		173	ZilLeftCl
84	CongaL2Op		174	TablaNa
85	CongaL2Slp		175	BayanGe
86	BongoH1Op		176	DholRH Op
87	BongoH1Rim		177	DholRH Cl
88	BongoH1Slp		178	DholLH Op
89	BongoH2Op		179	DholLH Cl
90	BongoL1Op		180	KanjiraHit

Perc Ele

No.	Inst name
181	KanjiraSlp
182	KanjiraShk
183	Mondira
184	ManjiraOp
185	ManjiraCl
186	JhanjiOp
187	JhanjiCl
188	BianGu
189	BianGuRim
190	BianGuHand
191	TangGu
192	TangGuRim
193	PaiGu1
194	PaiGu2
195	PaiGu3
196	ZangGu
197	ZangGuRim
198	XiaoBoOp
199	XiaoBoCl
200	DaBoOp
201	DaBoCl
202	XiaoLuo
203	ZhongLuo
204	Fengluo
205	ShangNao1
206	ShangNao2
207	QingH
208	QingL
209	TaikouDon
210	TaikouKa
211	KoTaik1Ten
212	KoTaik1Tsu
213	KoTaik2Ten
214	KoTaik2Tsu
215	TsuzumiPon
216	TsuzumiBnd
217	OokawaChon
218	KontikiKon
219	KontikiKi
220	AtariKon
221	AtariChi
222	Ainote1
223	Ainote2
224	GranCassaOp
225	RotoH (*)1
226	RotoM1 (*)1
227	RotoM2 (*)1
228	RotoL1 (*)1
229	RotoL2 (*)1
230	Timpani1
231	Timpani2
232	Timpani3
233	Timpani4
234	Castanet
235	Vibraslap
236	HandCymOp
237	HandCymMt
238	TriangleOp
239	TriangleMt
240	RibbonCrash
241	BowLow (*)1

Clap

No.	Inst name
1	T8 1
2	T8 2
3	T9 1
4	T9 2
5	Analog
6	HipHop1
7	HipHop2
8	HipHop3
9	HipHop4
10	HipHop5
11	HipHop6
12	HipHop7
13	HipHop8
14	HipHop9
15	HipHop10
16	HipHop11
17	HipHop12
18	HipHop13
19	HipHop14
20	HipHop15
21	Vocal1
22	Vocal2
23	Vocal3
24	Hand1
25	Hand2
26	Clappy
27	ClapMix
28	DubStep1
29	DubStep2
30	DubStep3
31	DubStep4
32	DubStep5
33	House1
34	House2
35	House3
36	House4
37	House5
38	Bounce1
39	Bounce2
40	Bounce3
41	Bounce4
42	Bounce5
43	BigRoom1
44	BigRoom2
45	BigRoom3
46	BigRoom4
47	BigRoom5
48	DancePop1
49	DancePop2
50	DancePop3
51	DancePop4
52	DancePop5
53	Snap1
54	Snap2
55	Snap3
56	Snap4
57	Snap5
58	Snap6
59	Snap7
60	Snap8
61	Snap9
62	Snap10
63	Snap11
64	Snap12
65	Snap13
66	Snap14
67	Clap1
68	Clap2
69	Clap3
70	Clap4
71	Clap5
72	Clap6
73	Clap7
74	Clap8
75	Clap9
76	Clap10
77	Clap11
78	Clap12
79	Clap13
80	Clap14
81	Clap15
82	Clap16
83	Clap17
84	Clap18
85	Clap19
86	Clap20
87	Clap21
88	Clap22
89	Clap23
90	Clap24

SE

No.	Inst name
1	Synth1
2	Synth2
3	Synth3
4	Synth4
5	Synth5
6	Noise1
7	Noise2
8	Noise3
9	Electro1
10	Electro2
11	Electro3
12	Electro4
13	Electro5
14	Electro6
15	Electro7
16	Electro8
17	Electro9
18	Electro10
19	Electro11
20	Electro12
21	Electro13
22	Electro14
23	Electro15
24	Electro16
25	Electro17
26	Electro18
27	Electro19
28	Electro20
29	Electro21
30	Electro22
31	Electro23
32	Electro24
33	Electro25
34	Electro26
35	Electro27
36	Electro28
37	Electro29
38	Electro30
39	Electro31
40	Electro32
41	Electro33
42	Electro34
43	Electro35
44	Electro36
45	Electro37
46	Electro38
47	Electro39
48	Electro40
49	Electro41
50	Electro42
51	Electro43
52	Electro44
53	Electro45
54	Electro46
55	Electro47
56	Electro48
57	Electro49
58	Electro50
59	Electro51
60	ElecWdBk
61	R&B Scratch
62	Dance1
63	Dance2
64	Dance3
65	Dance4
66	Dance5
67	Dance6
68	Dance7
69	Dance8
70	Impact1
71	Impact2
72	Impact3
73	Impact4
74	Impact5
75	Impact6
76	Impact7
77	Zap1
78	Zap2
79	Raspberry
80	Ripper
81	IndusTom
82	HiQ1
83	HiQ2
84	ScratchH
85	ScratchL
86	Flex
87	DubStep1
88	DubStep2
89	DubStep3
90	DubStep4

No.	Inst name
91	DubStep5
92	House1
93	House2
94	House3
95	House4
96	House5
97	Bounce1
98	Bounce2
99	Bounce3
100	Bounce4
101	BigRoom1
102	BigRoom2
103	BigRoom3
104	BigRoom4
105	BigRoom5
106	DancePop1
107	DancePop2
108	DancePop3
109	DancePop4
110	DancePop5
111	Trap1
112	Trap2
113	Trap3
114	Trap4
115	Trap5
116	Trap6
117	Trap7
118	Trap8
119	BeatBox1
120	BeatBox2
121	BeatBox3
122	BeatBox4
123	BeatBox5
124	BeatBox6
125	BeatBox7
126	BeatBox8
127	BeatBox9
128	BeatBox10
129	BeatBox11
130	BeatBox12
131	PopRock1
132	PopRock2
133	PopRock3
134	PopRock4
135	PopRock5
136	PopRock6
137	PopRock7
138	PopRock8
139	PopRock9
140	PopRock10
141	PopRock11
142	PopRock12
143	Accent
144	Fantastic1
145	Fantastic2
146	Fantastic3
147	Fantastic4
148	Pitch1
149	Pitch2
150	Pitch3
151	Pitch4
152	Pitch5
153	Pitch6
154	Pitch7
155	Pitch8
156	Pitch9
157	Random1
158	Random2
159	Vocoder1
160	Vocoder2
161	Vocoder3
162	Vocoder4
163	Vocoder5
164	AnalogG1
165	AnalogG2
166	AnalogG3
167	AnalogG4
168	AnalogG5
169	AnalogG6
170	AnalogG7
171	AnalogG8
172	AnalogG9
173	AnalogG10
174	AnalogG11
175	AnalogG12
176	AnalogG13
177	AnalogG14
178	AnalogG15
179	AnalogG16
180	AnalogG17

No.	Inst name
181	AnalogG18
182	AnalogG19
183	AnalogG20
184	AnalogM1
185	AnalogM2
186	AnalogM3
187	AnalogM4
188	AnalogM5
189	AnalogJ1
190	AnalogJ2
191	AnalogJ3
192	AnalogJ4
193	AnalogJ5
194	AnalogJ6
195	AnalogJ7
196	AnalogJ8
197	AnalogJ9
198	AnalogJ10
199	AnalogJ11
200	AnalogJ12
201	AnalogJ13
202	AnalogJ14
203	AnalogJ15
204	AnalogJ16
205	AnalogJ17
206	AnalogJ18
207	AnalogJ19
208	AnalogJ20
209	AnalogJ21
210	AnalogJ22
211	AnalogJ23
212	AnalogJ24
213	AnalogJ25
214	AnalogJ26
215	AnalogJ27
216	AnalogJ28
217	AnalogJ29
218	AnalogJ30
219	AnalogJ31
220	AnalogJ32
221	AnalogJ33
222	AnalogJ34
223	AnalogJ35
224	AnalogJ36
225	AnalogJ37
226	AnalogJ38
227	AnalogJ39
228	AnalogJ40
229	AnalogJ41
230	AnalogJ42
231	AnalogJ43
232	AnalogJ44
233	AnalogJ45
234	AnalogJ46
235	AnalogJ47
236	AnalogJ48
237	AnalogJ49
238	AnalogJ50
239	AnalogJ51
240	AnalogJ52
241	AnalogJ53
242	AnalogJ54
243	AnalogJ55
244	AnalogJ56
245	AnalogJ57
246	AnalogJ58
247	AnalogJ59
248	AnalogJ60
249	AnalogJ61
250	AnalogP1
251	AnalogP2
252	AnalogP3
253	AnalogP4
254	AnalogP5
255	AnalogP6
256	AnalogP7
257	AnalogP8
258	AnalogP9
259	AnalogP10
260	AnalogP11
261	AnalogP12
262	AnalogP13
263	AnalogP14
264	AnalogP15
265	AnalogP16
266	AnalogP17
267	AnalogP18
268	AnalogP19
269	AnalogP20
270	AnalogP21

No.	Inst name
271	AnalogP22
272	AnalogP23
273	AnalogP24
274	AnalogP25
275	AnalogP26
276	AnalogP27
277	AnalogP28
278	AnalogP29
279	AnalogP30
280	AnalogP31
281	AnalogP32
282	AnalogP33
283	AnalogP34
284	AnalogP35
285	AnalogP36
286	AnalogP37
287	AnalogP38
288	AnalogP39
289	BitPop1
290	BitPop2
291	Clk1Acc
292	Clk14th
293	Clk18th
294	Clk116th
295	Clk1Trp
296	Clk2Acc
297	Clk2Beat
298	Clk3Acc
299	Clk3Beat
300	Clk4
301	Clk5

Voice

(*1) Supports Real Ambi.

(*2) Supports position sensing for head shots and open rim shots.

(*3) Supports position sensing for bow shots.

No Assign

No.	Voice name
1	No Assign

Kick Acc

No.	Voice name
1	AHM2218 1 (*1)
2	AHM1814 2 (*1)
3	RBB2216CI (*1)
4	RBB2216CI B
5	RBB2216Op (*1)
6	RBB2216Op B
7	PHX82218CI (*1)
8	PHX82218CI B
9	PHX82218Op (*1)
10	PHX82218Op B
11	Rock2218 1 (*1)
12	Rock2416 2 (*1)
13	Vintg2216 1 (*1)
14	Vintg2216 2 (*1)
15	Vintg2016 3 (*1)
16	VinMt2216 1 (*1)
17	VinMt2216 2 (*1)
18	VinMt2016 3 (*1)
19	VinMt2016 4 (*1)
20	Jazz2016 1 (*1)
21	Jazz2214 2 (*1)
22	Jazz1818 3 (*1)
23	Dirty2414 1 (*1)
24	Dirty2416 2 (*1)
25	Dirty2416 3 (*1)
26	Maple
27	Oak1
28	Oak2
29	Birch
30	Beech
31	Vintage70s
32	Vintage70sMt
33	Vintage50s
34	Vintage50sMt
35	Punk
36	Metal
37	Rock
38	HardRock
39	Jazz
40	Assist1
41	Assist2
42	Assist3
43	Assist4
44	Assist5
45	Assist6
46	Assist7
47	Assist8
48	Assist9
49	Assist10
50	Assist11
51	Assist12
52	Assist13
53	Assist14
54	AHM2218 1AMB
55	AHM1814 2AMB
56	RBB2216CIAMB
57	RBB2216OpAMB
58	PXB2218CIAMB
59	PXB2218OpAMB
60	Rk2218 1AMB
61	Rk2416 2AMB
62	Vin2216 1AMB
63	Vin2216 2AMB
64	Vin2016 3AMB
65	VM2216 1AMB
66	VM2216 2AMB
67	VM2016 3AMB
68	VM2016 4AMB
69	Jz2016 1AMB
70	Jz2214 2AMB
71	Jz1818 3AMB
72	Dty2414 1AMB
73	Dty2416 2AMB
74	Dty2416 3AMB

Kick Ele

No.	Voice name
1	RX1
2	RX2
3	T8 1
4	T8 2
5	T8 3
6	T8 4
7	T8 5
8	T8 6
9	T8 7
10	T8 8
11	T8 9
12	T9 1
13	T9 2
14	T9 3
15	T9 4
16	T9 5
17	T9 6
18	T9 7
19	T9 8
20	T9 9
21	T9 10
22	T9 11
23	T9 12
24	Analog1
25	Analog2
26	Analog3
27	AnalogComp1
28	AnalogComp2
29	Trance
30	Gate1
31	Gate2
32	Gate3
33	Gate4
34	Electro1
35	Electro2
36	Electro3
37	Electro4
38	Electro5
39	Electro6
40	Electro7
41	Electro8
42	Electro9
43	Electro10
44	Electro11
45	Electro12
46	Electro13
47	Electro14
48	Electro15
49	Electro16
50	Electro17
51	Electro18
52	Electro19
53	Electro20
54	Electro21
55	Electro22
56	Electro23
57	Electro24
58	Electro25
59	Electro26
60	Electro27
61	ElectroComp1
62	ElectroComp2
63	ElectroComp3
64	R&B1
65	R&B2
66	R&B3
67	R&B4
68	R&B5
69	HipHop1
70	HipHop2
71	HipHop3
72	HipHop4
73	HipHop5
74	HipHop6
75	HipHop7
76	HipHop8
77	HipHop9
78	HipHop10
79	HipHop11
80	HipHop12
81	HipHop13
82	HipHop14
83	HipHop15
84	HipHop16
85	HipHop17
86	HipHop18
87	HipHop19
88	HipHop20
89	HipHop21
90	HipHop22

No.	Voice name
91	HipHop23
92	HipHop24
93	HipHop25
94	Break1
95	Break2
96	Break3
97	Break4
98	Break5
99	Break6
100	Break7
101	Blast1
102	Blast2
103	Jungle1
104	Jungle2
105	Jungle3
106	Distortion1
107	Distortion2
108	Distortion3
109	Distortion4
110	Distortion5
111	Distortion6
112	Dance1
113	Dance2
114	Dance3
115	Dance4
116	Dance5
117	Dance6
118	Impact
119	Vocal1
120	Vocal2
121	Vocal3
122	Lo-Fi
123	Hammer
124	ZapHard
125	ZapMid
126	Sustain
127	Power
128	HardLong
129	ThickSkin
130	Slimy
131	DubStep1
132	DubStep2
133	DubStep3
134	DubStep4
135	DubStep5
136	DubStep6
137	DubStep7
138	DubStep8
139	DubStep9
140	DubStep10
141	House1
142	House2
143	House3
144	House4
145	House5
146	House6
147	House7
148	House8
149	House9
150	House10
151	Bounce1
152	Bounce2
153	Bounce3
154	Bounce4
155	Bounce5
156	Bounce6
157	Bounce7
158	Bounce8
159	Bounce9
160	Bounce10
161	BigRoom1
162	BigRoom2
163	BigRoom3
164	BigRoom4
165	BigRoom5
166	BigRoom6
167	BigRoom7
168	BigRoom8
169	BigRoom9
170	BigRoom10
171	DancePop1
172	DancePop2
173	DancePop3
174	DancePop4
175	DancePop5
176	DancePop6
177	DancePop7
178	DancePop8
179	DancePop9
180	DancePop10

No.	Voice name
181	Trap1
182	Trap2
183	BeatBox1
184	BeatBox2
185	BeatBox3
186	PopRock1
187	PopRock2
188	PopRock3
189	EDM1
190	EDM2
191	EDM3
192	EDM4
193	EDM5
194	EDM6
195	EDM7
196	EDM8
197	EDM9
198	EDM10
199	EDM11
200	EDM12
201	EDM13
202	EDM14
203	SuperLow
204	Attack1
205	Attack2
206	Attack3
207	Attack4
208	Attack5
209	Attack6
210	Attack7
211	Attack8
212	Attack9
213	Attack10
214	Attack11
215	Attack12
216	Attack13
217	Attack14
218	Attack15
219	Attack16
220	Attack17
221	Attack18
222	Attack19
223	Attack20
224	Attack21
225	Attack22
226	Low1
227	Low2
228	Low3
229	Low4
230	Low5
231	Low6
232	Low7
233	Low8
234	Low9
235	Low10
236	Low11
237	Low12
238	Low13
239	Low14
240	Low15
241	Low16
242	Low17
243	Low18
244	Low19
245	Low20
246	Low21
247	Low22
248	Low23
249	Low24
250	Low25
251	Low26
252	Low27
253	Low28
254	Low29
255	Low30
256	Low31
257	Low32
258	Low33
259	Low34
260	Low35
261	Low36
262	Low37
263	Low38
264	Low39
265	Low40
266	Low41
267	External1
268	External2
269	External3
270	External4

No.	Voice name
271	External5
272	External6
273	External7
274	External8
275	External9
276	External10
277	External11
278	External12
279	External13
280	External14
281	External15
282	External16
283	External17
284	External18
285	External19
286	External20
287	External21
288	External22
289	External23
290	External24
291	External25
292	External26
293	External27
294	External28
295	External29
296	External30

Snare Aco

No.	Voice name	No.	Voice name	No.	Voice name
1	AHM1460Hd	91	BirchClRm	181	VM2ClRmAMB
2	AHM1460OpRm	92	BeechHd	182	VM3HdAMB
3	AHM1460ClRm	93	BeechOpRm	183	VM3OpRmAMB
4	SD4365PH Hd	94	BeechClRm	184	VM3ClRmAMB
5	SD4365PHOpRm	95	Vintg70sHd	185	VM4HdAMB
6	SD4365PHClRm	96	Vintg70sOpRm	186	VM4OpRmAMB
7	SD655ARH Hd	97	Vintg70sClRm	187	VM4ClRmAMB
8	SD655ARHOpRm	98	Vintg50sHd	188	V7sHdAMB
9	SD655ARHClRm	99	Vintg50sOpRm	189	V7sOpRmAMB
10	D20 1450Hd	100	Vintg50sClRm	190	V7sClRmAMB
11	D20 1450OpRm	101	PunkHd	191	Jz1HdAMB
12	D20 1450ClRm	102	PunkOpRm	192	Jz1OpRmAMB
13	MSD0105Hd	103	PunkClRm	193	Jz1ClRmAMB
14	MSD0105OpRm	104	MetalHd	194	Jz2HdAMB
15	MSD0105ClRm	105	MetalOpRm	195	Jz2OpRmAMB
16	RAS1455Hd	106	MetalClRm	196	Jz2ClRmAMB
17	RAS1455OpRm	107	RockHd	197	Dt1HdAMB
18	RAS1455ClRm	108	RockOpRm	198	Dt1OpRmAMB
19	RLS1470Hd	109	RockClRm	199	Dt1ClRmAMB
20	RLS1470OpRm	110	HardRockHd	200	Dt2HdAMB
21	RLS1470ClRm	111	HardRockOpRm	201	Dt2OpRmAMB
22	Rk1455 1Hd	112	HardRockClRm	202	Dt2ClRmAMB
23	Rk1455 1OpRm	113	FunkHd		
24	Rk1455 1ClRm	114	FunkOpRm		
25	Rk1460 2Hd	115	FunkClRm		
26	Rk1460 2OpRm	116	JazzHd		
27	Rk1460 2ClRm	117	JazzOpRm		
28	Rk1460 3Hd	118	JazzClRm		
29	Rk1460 3OpRm	119	BrushHd		
30	Rk1460 3ClRm	120	BrushOpRm		
31	Rk1450 4Hd	121	BrushSweep		
32	Rk1450 4OpRm	122	BrushHd&Sw		
33	Rk1450 4ClRm	123	AmbRm		
34	Vn1450 1Hd	124	Assist1		
35	Vn1450 1OpRm	125	Assist2		
36	Vn1450 1ClRm	126	Assist3		
37	Vn1460 2Hd	127	Assist4		
38	Vn1460 2OpRm	128	Assist5		
39	Vn1460 2ClRm	129	Assist6		
40	VM1450 1Hd	130	Assist7		
41	VM1450 1OpRm	131	Assist8		
42	VM1450 1ClRm	132	Assist9		
43	VM1460 2Hd	133	Assist10		
44	VM1460 2OpRm	134	Assist11		
45	VM1460 2ClRm	135	Assist12		
46	VM1455 3Hd	136	Assist13		
47	VM1455 3OpRm	137	AHMHdAMB		
48	VM1455 3ClRm	138	AHMOpRmAMB		
49	VM1450 4Hd	139	AHMClRmAMB		
50	VM1450 4OpRm	140	SDPH HdAMB		
51	VM1450 4ClRm	141	SDPHOpRmAMB		
52	V7s1450Hd	142	SDPHClRmAMB		
53	V7s1450OpRm	143	SDARH HdAMB		
54	V7s1450ClRm	144	SDARHOpRmAMB		
55	V7s1450Hd B	145	SDARHClRmAMB		
56	V7s1450OpRmB	146	D20HdAMB		
57	V7s1450ClRmB	147	D20OpRmAMB		
58	Jz1450 1Hd	148	D20ClRmAMB		
59	Jz1450 1OpRm	149	MSDHdAMB		
60	Jz1450 1ClRm	150	MSDOpRmAMB		
61	Jz1350 2Hd	151	MSDClRmAMB		
62	Jz1350 2OpRm	152	RASHdAMB		
63	Jz1350 2ClRm	153	RASOpRmAMB		
64	Dt1460 1Hd	154	RASClRmAMB		
65	Dt1460 1OpRm	155	RLSHdAMB		
66	Dt1460 1ClRm	156	RLSOpRmAMB		
67	Dt1465 2Hd	157	RLSClRmAMB		
68	Dt1465 2OpRm	158	Rk1HdAMB		
69	Dt1465 2ClRm	159	Rk1OpRmAMB		
70	Off1450Hd	160	Rk1ClRmAMB		
71	Off1450OpRm	161	Rk2HdAMB		
72	Off1450ClRm	162	Rk2OpRmAMB		
73	TMS1455&Sp	163	Rk2ClRmAMB		
74	MarchingHd	164	Rk3HdAMB		
75	MarchingClRm	165	Rk3OpRmAMB		
76	OrchHd	166	Rk3ClRmAMB		
77	OrchClRm	167	Rk4HdAMB		
78	PiccoloHd	168	Rk4OpRmAMB		
79	PiccoloClRm	169	Rk4ClRmAMB		
80	MapleHd	170	Vn1HdAMB		
81	MapleOpRm	171	Vn1OpRmAMB		
82	MapleClRm	172	Vn1ClRmAMB		
83	OakHd	173	Vn2HdAMB		
84	OakOpRm	174	Vn2OpRmAMB		
85	OakClRm	175	Vn2ClRmAMB		
86	DeepOakHd	176	VM1HdAMB		
87	DeepOakOpRm	177	VM1OpRmAMB		
88	DeepOakClRm	178	VM1ClRmAMB		
89	BirchHd	179	VM2HdAMB		
90	BirchOpRm	180	VM2OpRmAMB		

Snare Ele

No.	Voice name
1	RX1
2	RX2
3	RX3
4	RX4
5	RX5
6	RX6
7	RX Rm
8	T8 1
9	T8 2
10	T8 3
11	T8 4
12	T8 5
13	T8 6
14	T8 7
15	T8Rm
16	T9 1
17	T9 2
18	T9 3
19	T9 4
20	T9 5
21	T9 6
22	T9 7
23	T9 8
24	T9 9
25	T9 10
26	T9Rim
27	Analog1
28	Analog2
29	Analog3
30	Analog4
31	AnalogRm
32	Trance1
33	Trance2
34	Gate1
35	Gate2
36	Gate3
37	Gate4
38	Gate5
39	Gate6
40	Gate7
41	Gate8
42	GateRm
43	Electro1
44	Electro2
45	Electro3
46	Electro4
47	Electro5
48	Electro6
49	Electro7
50	Electro8
51	Electro9
52	Electro10
53	Electro11
54	Electro12
55	Electro13
56	Electro14
57	Electro15
58	Electro16
59	Electro17
60	Electro18
61	Electro19
62	Electro20
63	Electro21
64	Electro22
65	Electro23
66	Electro24
67	Electro25
68	Electro26
69	Electro27
70	Electro28
71	Electro29
72	Electro30
73	Electro31
74	Electro32
75	Electro33
76	Electro34
77	ElectroRm
78	R&B1
79	R&B2
80	R&B3
81	R&B4
82	R&B Rm1
83	R&B Rm2
84	HipHop1
85	HipHop2
86	HipHop3
87	HipHop4
88	HipHop5
89	HipHop6
90	HipHop7

No.	Voice name
91	HipHop8
92	HipHop9
93	HipHop10
94	HipHop11
95	HipHop12
96	HipHop13
97	HipHop14
98	HipHop15
99	HipHop16
100	HipHop17
101	HipHop18
102	HipHop19
103	HipHop20
104	HipHopRm1
105	HipHopRm2
106	HipHopRm3
107	HipHopRm4
108	HipHopRm5
109	HipHopRm6
110	HipHopRm7
111	HipHopRm8
112	HipHopRm9
113	HipHopRm10
114	HipHopRm11
115	HipHopRm12
116	HipHopRm13
117	HipHopGate
118	Drum'nBass1
119	Drum'nBass2
120	Drum'nBass3
121	Drum'nBass4
122	Break1
123	Break2
124	Break3
125	Break4
126	Break5
127	Break6
128	Human1
129	Human2
130	Blast1
131	Blast2
132	Blast3
133	Blast4
134	Jungle1
135	Jungle2
136	Jungle3
137	Jungle4
138	Distortion
139	Impact1
140	Impact2
141	FX1
142	FX2
143	FX3
144	FX4
145	Vocal
146	Lo-Fi
147	Cut
148	GargH
149	GargL
150	FM
151	FM Rm
152	Timbr
153	Wood
154	Hammer
155	SE Rm
156	DubStep1
157	DubStep2
158	DubStep3
159	DubStep4
160	DubStep5
161	DubStep6
162	DubStep7
163	DubStep8
164	DubStep9
165	DubStep10
166	Dub1
167	Dub2
168	House1
169	House2
170	House3
171	House4
172	House5
173	House6
174	House7
175	House8
176	House9
177	House10
178	House11
179	House12
180	Bounce1

No.	Voice name
181	Bounce2
182	Bounce3
183	Bounce4
184	Bounce5
185	Bounce6
186	Bounce7
187	Bounce8
188	Bounce9
189	Bounce10
190	BigRoom1
191	BigRoom2
192	BigRoom3
193	BigRoom4
194	BigRoom5
195	BigRoom6
196	BigRoom7
197	BigRoom8
198	BigRoom9
199	BigRoom10
200	DancePop1
201	DancePop2
202	DancePop3
203	DancePop4
204	DancePop5
205	DancePop6
206	DancePop7
207	DancePop8
208	DancePop9
209	DancePop10
210	Trap1
211	Trap2
212	Trap3
213	Trap4
214	Trap5
215	Trap6
216	Trap7
217	BeatBox1
218	BeatBox2
219	BeatBox3
220	BeatBox4
221	BeatBox5
222	BeatBox6
223	PopRock1
224	PopRock2
225	PopRock3
226	PopRock4
227	PopRock5
228	PopRock6
229	EDM1
230	EDM2
231	EDM3
232	EDM4
233	EDM5
234	EDM6
235	EDM7
236	EDM8
237	EDM9
238	EDM10
239	EDM11
240	EDM12
241	EDM Rm1
242	EDM Rm2
243	EDM Rm3
244	EDM Rm4
245	BitPop1
246	BitPop2
247	Attack1
248	Attack2
249	Attack3
250	Attack4
251	Attack5
252	Attack6
253	Attack7
254	Attack8
255	Attack9
256	Attack10
257	Attack11
258	Attack12
259	Attack13
260	Attack14
261	Attack15
262	Attack16
263	Attack17
264	Attack18
265	Attack19
266	Attack20
267	Attack21
268	Attack22
269	Attack23
270	Attack24

No.	Voice name
271	Attack25
272	Attack26
273	Attack27
274	Attack28
275	Attack29
276	Attack30
277	Attack31
278	Distort1
279	Distort2
280	Distort3
281	Distort4
282	Distort5
283	Distort6
284	Distort7
285	Distort8
286	Distort9
287	Distort10
288	Distort11
289	Distort12
290	Distort13
291	Distort14
292	Noise1
293	Noise2
294	Noise3
295	Noise4
296	Noise5
297	Noise6
298	Noise7
299	Noise8
300	Tight1
301	Tight2
302	Tight3
303	Tight4
304	Tight5
305	Tight6
306	Tight7
307	Tight8
308	Tight9
309	Tight10
310	Tight11
311	Tight12
312	Tight13
313	Tight14
314	Tight15
315	Tight16
316	Tight17
317	Tight18
318	External1
319	External2
320	External3
321	External4
322	External5
323	External6
324	External7
325	External8
326	External9
327	External10
328	External11
329	External12
330	External13
331	External14
332	External15
333	External16
334	External17
335	External18
336	External19
337	External20
338	External21
339	External22

Tom Aco

No.	Voice name
1	AMT1007H (*)
2	AMT1007H Rm (*)
3	AMT1208M (*)
4	AMT1208M Rm (*)
5	AMT1413L (*)
6	AMT1413L Rm (*)
7	AMF1615F (*)
8	AMF1615F Rm (*)
9	RBT1007H (*)
10	RBT1007H Rm (*)
11	RBT1007H B
12	RBT1007H RmB
13	RBT1208M (*)
14	RBT1208M Rm (*)
15	RBT1208M B
16	RBT1208M RmB
17	RBT1413L (*)
18	RBT1413L Rm (*)
19	RBT1413L B
20	RBT1413L RmB
21	RBT1615F (*)
22	RBT1615F Rm (*)
23	RBT1615F B
24	RBT1615F RmB
25	PHXT1007H (*)
26	PHXT1007H Rm (*)
27	PHXT1007H B
28	PHXT1007H RmB
29	PHXT1208M (*)
30	PHXT1208M Rm (*)
31	PHXT1208M B
32	PHXT1208M RmB
33	PHXT1413L (*)
34	PHXT1413L Rm (*)
35	PHXT1413L B
36	PHXT1413L RmB
37	PHXT1615F (*)
38	PHXT1615F Rm (*)
39	PHXT1615F B
40	PHXT1615F RmB
41	Rock1008H (*)
42	Rock1008H Rm (*)
43	Rock1209M (*)
44	Rock1209M Rm (*)
45	Rock1414L (*)
46	Rock1414L Rm (*)
47	Rock1816F (*)
48	Rock1816F Rm (*)
49	Vntg1212H (*)
50	Vntg1212H Rm (*)
51	Vntg1312M (*)
52	Vntg1312M Rm (*)
53	Vntg1616L (*)
54	Vntg1616L Rm (*)
55	Vntg1817F (*)
56	Vntg1817F Rm (*)
57	Jazz1007H (*)
58	Jazz1007H Rm (*)
59	Jazz1208M (*)
60	Jazz1208M Rm (*)
61	Jazz1412L (*)
62	Jazz1412L Rm (*)
63	Jazz1615F (*)
64	Jazz1615F Rm (*)
65	Drty1008H (*)
66	Drty1008H Rm (*)
67	Drty1208M (*)
68	Drty1208M Rm (*)
69	Drty1308L (*)
70	Drty1308L Rm (*)
71	Drty1614F (*)
72	Drty1614F Rm (*)
73	MapleH
74	MapleM
75	MapleL
76	OakH
77	OakM
78	OakL
79	BirchH
80	BirchM
81	BirchL
82	BeechH
83	BeechM
84	BeechL
85	Vintage70sH
86	Vintage70sM
87	Vintage70sL
88	Vintage50sH
89	Vintage50sM
90	Vintage50sL

No.	Voice name
91	PunkH
92	PunkM
93	PunkL
94	MetalH
95	MetalM
96	MetalL
97	HardRockH
98	HardRockM
99	HardRockL
100	JazzH
101	JazzM
102	JazzL
103	BrushH
104	BrushM
105	BrushL
106	MarchingH
107	MarchingM
108	MarchingL

Tom Ele

No.	Voice name
1	RX1H
2	RX1M
3	RX1L
4	RX2H
5	RX2M
6	RX2L
7	T8 1H
8	T8 1M
9	T8 1L
10	T8 2H
11	T8 2M
12	T8 2L
13	T8 3H
14	T8 3M
15	T8 3L
16	T9 1H
17	T9 1M
18	T9 1L
19	T9 2H
20	T9 2M
21	T9 2L
22	AnalogH
23	AnalogM
24	AnalogL
25	SynthH
26	SynthM
27	SynthL
28	BigH
29	BigM
30	BigL
31	Gate1H
32	Gate1M
33	Gate1L
34	Gate2H
35	Gate2M
36	Gate2L
37	Gate3H
38	Gate3M
39	Gate3L
40	NoiseH
41	NoiseM
42	NoiseL
43	Electro1H
44	Electro1M
45	Electro1L
46	Electro2H
47	Electro2M
48	Electro2L
49	HipHopH
50	HipHopM
51	HipHopL
52	Drum'nBassH
53	Drum'nBassM
54	Drum'nBassL
55	VocalH
56	VocalM
57	VocalL
58	DubStep1H
59	DubStep1M
60	DubStep1L
61	DubStep2H
62	DubStep2M
63	DubStep2L
64	DubStep3H
65	DubStep3M
66	DubStep3L
67	DubStep4H
68	DubStep4M
69	DubStep4L
70	DubStep5H
71	DubStep5M
72	DubStep5L
73	House1H
74	House1M
75	House1L
76	House2H
77	House2M
78	House2L
79	House3H
80	House3M
81	House3L
82	House4H
83	House4M
84	House4L
85	House5H
86	House5M
87	House5L
88	House6H
89	House6M
90	House6L

Crash Aco

No.	Voice name
1	Rock16 1Bw (*) (*)
2	Rock16 1Eg (*)
3	Rock16 1Cp (*)
4	Rock19 2Bw (*) (*)
5	Rock19 2Eg (*)
6	Rock19 2Cp (*)
7	Vintg16 1Bw (*) (*)
8	Vintg16 1Eg (*)
9	Vintg16 1Cp (*)
10	Vintg16 2Bw (*) (*)
11	Vintg16 2Eg (*)
12	Vintg16 2Cp (*)
13	Jazz18 1Bw (*) (*)
14	Jazz18 1Eg (*)
15	Jazz18 1Cp (*)
16	Jazz18 2Bw (*) (*)
17	Jazz18 2Eg (*)
18	Jazz18 2Cp (*)
19	Jazz17 3Bw (*) (*)
20	Jazz17 3Eg (*)
21	Jazz17 3Cp (*)
22	Brill16 1Eg
23	Brill18 2Eg
24	Bright18Bw (*)
25	Bright18Eg (*)
26	Bright18Cp (*)
27	Warm16Eg (*)
28	Dark18Bw (*)
29	Dark18Eg (*)
30	Dark18Cp (*)
31	Modrn18Eg (*)
32	Vivid17Eg (*)
33	Thin16Eg (*)
34	Vin60s16 1Eg (*)
35	Vin60s18 2Eg (*)
36	Swing18Eg (*)
37	Swing18Cp (*)

Crash Ele

No.	Voice name
1	RX
2	T8
3	T9
4	Synth1
5	Synth2
6	Noise1
7	Noise2
8	Noise3
9	Electro1
10	Electro2
11	Electro3
12	Electro4
13	HipHop1
14	HipHop2
15	HipHop3
16	HipHop4
17	HipHop5
18	HipHop6
19	HipHop7
20	Dance1
21	Dance2
22	Dance3
23	Dance4
24	Lo-Fi
25	Rev1
26	Rev2
27	DubStep1
28	DubStep2
29	DubStep3
30	DubStep4
31	DubStep5
32	House1
33	House2
34	House3
35	House4
36	House5
37	House6
38	Bounce1
39	Bounce2
40	Bounce3
41	Bounce4
42	Bounce5
43	Bounce6
44	BigRoom1
45	BigRoom2
46	BigRoom3
47	BigRoom4
48	BigRoom5
49	DancePop1
50	DancePop2
51	DancePop3
52	DancePop4
53	DancePop5
54	Trap1
55	Trap2
56	Trap3
57	Trap4
58	Trap5
59	BeatBox1
60	BeatBox2
61	BeatBox3
62	BeatBox4
63	BeatBox5
64	BeatBox6
65	PopRock1
66	PopRock2
67	PopRock3
68	PopRock4
69	PopRock5
70	PopRock6
71	EDM1
72	EDM2
73	BitPop

Ride Aco

No.	Voice name
1	Rock22Bw (*) (*)
2	Rock22Eg (*)
3	Rock22Cp (*)
4	Vintage22Bw (*) (*)
5	Vintage22Eg (*)
6	Vintage22Cp (*)
7	Jazz21 1Bw (*) (*)
8	Jazz21 1Eg (*)
9	Jazz21 1Cp (*)
10	Jazz20 2Bw (*) (*)
11	Jazz20 2Eg (*)
12	Jazz20 2Cp (*)
13	Bright20Bw (*)
14	Bright20Eg (*)
15	Bright20Cp (*)
16	Warm20Bw (*)
17	Warm20Cp (*)
18	Dark20Bw (*)
19	Dark20Cp (*)
20	Dark20 2Bw (*)
21	Dark20 2Eg (*)
22	Dark20 2Cp (*)
23	Modern20Bw (*)
24	Modern20Cp (*)
25	Vintg60s22Bw (*)
26	Vintg60s22Cp (*)
27	Swing22Bw (*)
28	Swing22Eg (*)
29	Swing22Cp (*)
30	Sizzle20Bw (*)
31	Sizzle20Eg (*)
32	Sizzle20Cp (*)

Ride Ele

No.	Voice name
1	RX1
2	RX2
3	RX2Cp
4	T8
5	T9
6	Electro
7	HipHop1
8	HipHop2
9	HipHop3
10	HipHop4
11	HipHop5
12	HipHop6
13	HipHop7
14	Trap
15	EDM1
16	EDM2
17	EDM3

EffectCymbal

No.	Voice name
1	China17 1
2	China18 2 (*)
3	China22 3 (*)
4	Splash7 1 (*)
5	Splash8 2 (*)
6	Splash8 3 (*)
7	Splash8 4
8	Splash9 5 (*)
9	Splash10 6 (*)
10	Splash10 7 (*)
11	Splash10 8
12	Splash12 9 (*)
13	Splash19 10 (*)
14	Trash14 1 (*)
15	Trash16 2 (*)
16	Stack10&10 (*)
17	Stack16&14 (*)
18	Stack17&18 (*)
19	Stack16&18 (*)
20	Stack16&18Eg (*)
21	Sizzle

HH Aco

No.	Voice name
1	Pop14OpBw (*)
2	Pop14OpEg (*)
3	Pop14ClBw (*)
4	Pop14ClEg (*)
5	Pop14Ft (*)
6	Pop14Sp (*)
7	Rock15OpBw (*)
8	Rock15OpEg (*)
9	Rock15ClBw (*)
10	Rock15ClEg (*)
11	Rock15Ft (*)
12	Rock15Sp (*)
13	Vintg14OpBw (*)
14	Vintg14OpEg (*)
15	Vintg14ClBw (*)
16	Vintg14ClEg (*)
17	Vintg14Ft (*)
18	Vintg14Sp (*)
19	Jazz14OpBw (*)
20	Jazz14OpEg (*)
21	Jazz14ClBw (*)
22	Jazz14ClEg (*)
23	Jazz14Ft (*)
24	Jazz14Sp (*)
25	Jazz14 2OpBw (*)
26	Jazz14 2OpEg (*)
27	Jazz14 2ClBw (*)
28	Jazz14 2ClEg (*)
29	Jazz14 2Ft (*)
30	Jazz14 2Sp (*)
31	Dirty16OpBw (*)
32	Dirty16OpEg (*)
33	Dirty16ClBw (*)
34	Dirty16ClEg (*)
35	Dirty16Ft (*)
36	Dirty16Sp (*)
37	Brill14OpBw
38	Brill14OpEg
39	Brill14ClBw
40	Brill14ClEg
41	Brill14Ft
42	Brill14Sp
43	Bright14OpBw
44	Bright14OpEg
45	Bright14ClBw
46	Bright14ClEg
47	Bright14Ft
48	Bright14Sp
49	Dark14OpBw
50	Dark14OpEg
51	Dark14ClBw
52	Dark14ClEg
53	Dark14Ft
54	Dark14Sp
55	Cool14OpBw
56	Cool14OpEg
57	Cool14ClBw
58	Cool14ClEg
59	Cool14Ft
60	Cool14Sp
61	Vin60s14OpBw
62	Vin60s14OpEg
63	Vin60s14ClBw
64	Vin60s14ClEg
65	Vin60s14Ft
66	Vin60s14Sp
67	Punk14OpBw
68	Punk14OpEg
69	Punk14ClBw
70	Punk14ClEg
71	Punk14Ft
72	Punk14Sp
73	Swing14OpBw
74	Swing14OpEg
75	Swing14ClBw
76	Swing14ClEg
77	Swing14Ft
78	Swing14Sp

HH Ele

No.	Voice name
1	RX1Op
2	RX1Cl
3	RX2Op
4	RX2Cl
5	T8 1Op
6	T8 1Cl
7	T8 2Op
8	T8 2Cl
9	T9 1Op
10	T9 1Cl
11	T9 2Op
12	T9 2Cl
13	Electro1Op
14	Electro1Cl
15	Electro2Op
16	Electro2Cl
17	Electro3Op
18	Electro3Cl
19	Electro4Op
20	Electro4Cl
21	Electro5Op
22	Electro5Cl
23	Electro6Op
24	Electro6Cl
25	Electro7Op
26	Electro7Cl
27	Electro8Op
28	Electro8Cl
29	Electro9Op
30	Electro9Cl
31	Electro10Op
32	Electro10Cl
33	R&B1Op
34	R&B1Cl
35	R&B2Op
36	R&B2Cl
37	R&B2Ft
38	HipHp1Op
39	HipHp1Cl
40	HipHp1Ft
41	HipHp2Op
42	HipHp2OpEg
43	HipHp2Cl
44	HipHp2ClEg
45	HipHp2Ft
46	HipHp3Op
47	HipHp3Cl
48	HipHp3ClEg
49	HipHp3Ft
50	Drum'nBassOp
51	Drum'nBassCl
52	Drum'nBassFt
53	Vocal1Op
54	Vocal1Cl
55	Vocal2Op
56	Vocal2OpEg
57	Vocal2Cl
58	Vocal2ClEg
59	Vocal2Ft
60	Vocal2Sp
61	DubStep1Op
62	DubStep1Cl
63	DubStep2Op
64	DubStep2Cl
65	DubStep3Op
66	DubStep3Cl
67	DubStep4Op
68	DubStep4Cl
69	DubStep5Op
70	DubStep5Cl
71	House1Op
72	House1Cl
73	House2Op
74	House2Cl
75	House3Op
76	House3Cl
77	House4Op
78	House4Cl
79	House5Op
80	House5Cl
81	Bounce1Op
82	Bounce1Cl
83	Bounce2Op
84	Bounce2Cl
85	Bounce3Op
86	Bounce3Cl
87	Bounce4Op
88	Bounce4Cl
89	Bounce5Op
90	Bounce5Cl

No.	Voice name
91	BigRoom1Op
92	BigRoom1Cl
93	BigRoom2Op
94	BigRoom2Cl
95	BigRoom3Op
96	BigRoom3Cl
97	BigRoom4Op
98	BigRoom4Cl
99	BigRoom5Op
100	BigRoom5Cl
101	DancePop1Op
102	DancePop1Cl
103	DancePop2Op
104	DancePop2Cl
105	DancePop3Op
106	DancePop3Cl
107	DancePop4Op
108	DancePop4Cl
109	DancePop5Op
110	DancePop5Cl
111	Trap1Op
112	Trap1Cl
113	Trap2Op
114	Trap2Cl
115	BeatBox1Op
116	BeatBox1Cl
117	BeatBox2Op
118	BeatBox2Cl
119	BeatBox3Op
120	BeatBox3Cl
121	PopRock1Op
122	PopRock1Cl
123	PopRock2Op
124	PopRock2Cl
125	PopRock3Op
126	PopRock3Cl
127	EDM1Op
128	EDM1Cl
129	EDM1Ft
130	EDM2Op
131	EDM2OpEg
132	EDM2Cl
133	EDM2ClEg
134	EDM2Ft
135	EDM2Sp
136	EDM3Op
137	EDM3OpEg
138	EDM3Cl
139	EDM3ClEg
140	EDM3Ft
141	EDM3Sp
142	EDM4Op
143	EDM4OpEg
144	EDM4Cl
145	EDM4ClEg
146	EDM5Op
147	EDM5OpEg
148	EDM5Cl
149	EDM5Ft
150	BitPopOp
151	BitPopCl

Perc Aco

No.	Voice name
1	Cowbell1
2	Cowbell1Edg
3	Cowbell2
4	Cowbell2Top1
5	Cowbell2Top2
6	Cowbell2Edg
7	Cowbell3
8	Cowbell3Top1
9	Cowbell3Top2
10	Cowbell3Edg
11	Cowbell4
12	Cowbell5
13	Cowbell6
14	Cowbell7
15	Cowbell8
16	Cowbell9
17	Cowbell10
18	Cowbell11
19	Cowbell12
20	Cowbell12Edg
21	Block
22	WoodBlockH
23	WoodBlockL
24	PlasticBlock
25	ResinBlock1
26	ResinBlock2
27	TempleBlock1
28	TempleBlock2
29	TempleBlock3
30	Agogo1H
31	Agogo1L
32	Agogo1Cl
33	Agogo2H
34	Agogo2L
35	Agogo2Cl
36	Agogo3H
37	Agogo3L
38	Tambourine1
39	Tambrin1Shk
40	Tambourin2
41	Tambrin2Shk
42	Tambourine3
43	Tambourine4
44	Tambourine5
45	Tambourine6
46	Tambourine7
47	Tambourine8
48	OrTambHTOp
49	OrTambHTCl
50	OrTambHTSk
51	Tamtam1
52	Tamtam2
53	Tamtam3
54	Tamtam4
55	Tamtam5
56	Tamtam6
57	Gong
58	ChinaGong
59	FingerCym1
60	FingerCym2
61	FingerCym3
62	WindChime1
63	WindChime2
64	WindChime3
65	SleighBell1
66	SleighBell2
67	JingleBell
68	TimbalesH1Op
69	TimbalH1Rim
70	TimbalesL1Op
71	TimbalL1Rim
72	Timbales2H
73	Timbales2L
74	CajonLo
75	CajonFt
76	CajonSlp
77	CajonMt
78	CongaH1Op
79	CongaH1Slp
80	CongaH2Op
81	CongaH2Slp
82	CongaL1Op
83	CongaL1Slp
84	CongaL2Op
85	CongaL2Slp
86	BongoH1Op
87	BongoH1Rim
88	BongoH1Slp
89	BongoH2Op
90	BongoL1Op

No.	Voice name
91	BongoL1Rim
92	BongoL1Slp
93	BongoL2Op
94	Claves1
95	Claves2
96	Claves3
97	WoodClave
98	FibreClave
99	GuiroShort
100	GuiroLong
101	MambobellOp
102	MambobellEg
103	Maracas
104	SurdoOp
105	SurdoMt
106	Pandeiro1Op
107	Pandeiro1Cl
108	Pndeir1ToeOp
109	Pndeir1ToeCl
110	Pandeiro1Slp
111	Pandeiro2Op
112	Pandeiro2Cl
113	Pndeir2ToeOp
114	Pndeir2ToeCl
115	Pandeiro2Slp
116	Pandeiro3Op
117	Pandeiro3Tap
118	Pandeiro3Shk
119	Pandeiro3Slid
120	Shaker1Up
121	Shaker1Down
122	Shaker1Long
123	Shaker2Up
124	Shaker2Down
125	Shaker3
126	Shaker4
127	CaxixiHit
128	WhistleS
129	WhistleL
130	WhipH
131	WhipL
132	DjembeLo
133	DjembeOp
134	DjembeSlp
135	DjembeMt
136	TalkDrOp
137	PotDrumOp
138	DundunOp
139	DundunCl
140	SangbanOp
141	KenkeniOp
142	AfricanB1H
143	AfricanB1L
144	DarbukaOp
145	DarbukaSl
146	DarbukaMt
147	TeffTekOp
148	TeffTekMt
149	TefDumOp
150	TefDumMt
151	TombakOp
152	DaOp
153	DaSlp
154	DaFt
155	RiqOp
156	RiqSlp
157	RiqShk
158	RiqHt
159	RiqDom
160	RiqTak1
161	RiqTak2
162	RiqFinger1
163	RiqFinger2
164	RiqSak
165	RiqTik
166	Sagat1Op
167	Sagat1Cl
168	Sagat2Op
169	Sagat2Cl
170	ZilRightOp
171	ZilRightCl
172	ZilLeftOp
173	ZilLeftCl
174	TablaNa
175	BayanGe
176	DholRH Op
177	DholRH Cl
178	DholLH Op
179	DholLH Cl
180	KanjiraHit

No.	Voice name
181	KanjiraSlp
182	KanjiraShk
183	Mondira
184	ManjiraOp
185	ManjiraCl
186	JhanjiOp
187	JhanjiCl
188	BianGu
189	BianGuRim
190	BianGuHand
191	TangGu
192	TangGuRim
193	PaiGu1
194	PaiGu2
195	PaiGu3
196	ZangGu
197	ZangGuRim
198	XiaoBoOp
199	XiaoBoCl
200	DaBoOp
201	DaBoCl
202	XiaoLuo
203	ZhongLuo
204	FengLuo
205	ShangNao1
206	ShangNao2
207	QingH
208	QingL
209	TaikoDon
210	TaikoKa
211	KoTaik1Ten
212	KoTaik1Tsu
213	KoTaik2Ten
214	KoTaik2Tsu
215	TsuzumiPon
216	TsuzumiBnd
217	OokawaChon
218	KontikiKon
219	KontikiKi
220	AtariKon
221	AtariChi
222	Ainote1
223	Ainote2
224	GranCassaOp
225	RotoH
226	RotoM1
227	RotoM2
228	RotoL1
229	RotoL2
230	Timpani1
231	Timpani2
232	Timpani3
233	Timpani4
234	Castanet
235	VibraSlap
236	HandCymOp
237	HandCymMt
238	TriangleOp
239	TriangleMt
240	RibbonCrash
241	BowLow

Perc Ele

No.	Voice name
1	T8Conga1H
2	T8Conga1M
3	T8Conga1L
4	T8Conga2H
5	T8Conga2M
6	T8Conga2L
7	T8Covbell1
8	T8Covbell2
9	T8Claves
10	T8Bass1
11	T8Bass2
12	AnalogClaves
13	AnalogCowbel
14	AnalogShaker
15	Electro1
16	Electro2
17	Electro3
18	Electro4
19	Electro5
20	Electro6
21	Electro7
22	Electro8
23	Electro9
24	Electro10
25	Electro11
26	Electro12
27	Electro13
28	Electro14
29	Electro15
30	Electro16
31	Electro17
32	Electro18
33	Electro19
34	Electro20
35	Electro21
36	Electro22
37	Electro23
38	Electro24
39	ElecCabasa
40	ElecShaker
41	ElectroGuiro
42	R&B Claves
43	HipHop1
44	HipHop2
45	HipHop3
46	HipHop4
47	HipHop5
48	HipHop6
49	HipHop7
50	HipHop8
51	HipHop9
52	HipHop10
53	HipHop11
54	HipHopClaves
55	EDM1
56	EDM2
57	EDM3
58	EDM4
59	EDM5
60	EDM Maracs
61	EDM Trngl
62	EDM Click
63	EDM Shker1
64	EDM Shker2
65	Vocal

Clap

No.	Voice name
1	T8 1
2	T8 2
3	T9 1
4	T9 2
5	Analog
6	HipHop1
7	HipHop2
8	HipHop3
9	HipHop4
10	HipHop5
11	HipHop6
12	HipHop7
13	HipHop8
14	HipHop9
15	HipHop10
16	HipHop11
17	HipHop12
18	HipHop13
19	HipHop14
20	HipHop15
21	Vocal1
22	Vocal2
23	Vocal3
24	Hand1
25	Hand2
26	Clappy
27	ClapMix
28	DubStep1
29	DubStep2
30	DubStep3
31	DubStep4
32	DubStep5
33	House1
34	House2
35	House3
36	House4
37	House5
38	Bounce1
39	Bounce2
40	Bounce3
41	Bounce4
42	Bounce5
43	BigRoom1
44	BigRoom2
45	BigRoom3
46	BigRoom4
47	BigRoom5
48	DancePop1
49	DancePop2
50	DancePop3
51	DancePop4
52	DancePop5
53	Snap1
54	Snap2
55	Snap3
56	Snap4
57	Snap5
58	Snap6
59	Snap7
60	Snap8
61	Snap9
62	Snap10
63	Snap11
64	Snap12
65	Snap13
66	Snap14
67	Clap1
68	Clap2
69	Clap3
70	Clap4
71	Clap5
72	Clap6
73	Clap7
74	Clap8
75	Clap9
76	Clap10
77	Clap11
78	Clap12
79	Clap13
80	Clap14
81	Clap15
82	Clap16
83	Clap17
84	Clap18
85	Clap19
86	Clap20
87	Clap21
88	Clap22
89	Clap23
90	Clap24

No.	Voice name
91	Clap25
92	Clap26
93	Clap27
94	Clap28
95	Clap29
96	Clap30
97	Clap31
98	Clap32
99	Clap33
100	Clap34
101	Clap35
102	Clap36
103	Clap37
104	Clap38
105	Clap39
106	Clap40
107	Clap41
108	Clap42
109	Clap43
110	Clap44
111	Clap45
112	Clap46
113	Clap47
114	Clap48

SE

No.	Voice name
1	Synth1
2	Synth2
3	Synth3
4	Synth4
5	Synth5
6	Noise1
7	Noise2
8	Noise3
9	Electro1
10	Electro2
11	Electro3
12	Electro4
13	Electro5
14	Electro6
15	Electro7
16	Electro8
17	Electro9
18	Electro10
19	Electro11
20	Electro12
21	Electro13
22	Electro14
23	Electro15
24	Electro16
25	Electro17
26	Electro18
27	Electro19
28	Electro20
29	Electro21
30	Electro22
31	Electro23
32	Electro24
33	Electro25
34	Electro26
35	Electro27
36	Electro28
37	Electro29
38	Electro30
39	Electro31
40	Electro32
41	Electro33
42	Electro34
43	Electro35
44	Electro36
45	Electro37
46	Electro38
47	Electro39
48	Electro40
49	Electro41
50	Electro42
51	Electro43
52	Electro44
53	Electro45
54	Electro46
55	Electro47
56	Electro48
57	Electro49
58	Electro50
59	Electro51
60	ElecWdBk
61	R&B Scratch
62	Dance1
63	Dance2
64	Dance3
65	Dance4
66	Dance5
67	Dance6
68	Dance7
69	Dance8
70	Impact1
71	Impact2
72	Impact3
73	Impact4
74	Impact5
75	Impact6
76	Impact7
77	Zap1
78	Zap2
79	Raspberry
80	Ripper
81	IndusTom
82	HiQ1
83	HiQ2
84	ScratchH
85	ScratchL
86	Flex
87	DubStep1
88	DubStep2
89	DubStep3
90	DubStep4

No.	Voice name
91	DubStep5
92	House1
93	House2
94	House3
95	House4
96	House5
97	Bounce1
98	Bounce2
99	Bounce3
100	Bounce4
101	BigRoom1
102	BigRoom2
103	BigRoom3
104	BigRoom4
105	BigRoom5
106	DancePop1
107	DancePop2
108	DancePop3
109	DancePop4
110	DancePop5
111	Trap1
112	Trap2
113	Trap3
114	Trap4
115	Trap5
116	Trap6
117	Trap7
118	Trap8
119	BeatBox1
120	BeatBox2
121	BeatBox3
122	BeatBox4
123	BeatBox5
124	BeatBox6
125	BeatBox7
126	BeatBox8
127	BeatBox9
128	BeatBox10
129	BeatBox11
130	BeatBox12
131	PopRock1
132	PopRock2
133	PopRock3
134	PopRock4
135	PopRock5
136	PopRock6
137	PopRock7
138	PopRock8
139	PopRock9
140	PopRock10
141	PopRock11
142	PopRock12
143	Accent
144	Fantastic1
145	Fantastic2
146	Fantastic3
147	Fantastic4
148	Pitch1
149	Pitch2
150	Pitch3
151	Pitch4
152	Pitch5
153	Pitch6
154	Pitch7
155	Pitch8
156	Pitch9
157	Random1
158	Random2
159	Vocoder1
160	Vocoder2
161	Vocoder3
162	Vocoder4
163	Vocoder5
164	AnalogG1
165	AnalogG2
166	AnalogG3
167	AnalogG4
168	AnalogG5
169	AnalogG6
170	AnalogG7
171	AnalogG8
172	AnalogG9
173	AnalogG10
174	AnalogG11
175	AnalogG12
176	AnalogG13
177	AnalogG14
178	AnalogG15
179	AnalogG16
180	AnalogG17

No.	Voice name
181	AnalogG18
182	AnalogG19
183	AnalogG20
184	AnalogM1
185	AnalogM2
186	AnalogM3
187	AnalogM4
188	AnalogM5
189	AnalogJ1
190	AnalogJ2
191	AnalogJ3
192	AnalogJ4
193	AnalogJ5
194	AnalogJ6
195	AnalogJ7
196	AnalogJ8
197	AnalogJ9
198	AnalogJ10
199	AnalogJ11
200	AnalogJ12
201	AnalogJ13
202	AnalogJ14
203	AnalogJ15
204	AnalogJ16
205	AnalogJ17
206	AnalogJ18
207	AnalogJ19
208	AnalogJ20
209	AnalogJ21
210	AnalogJ22
211	AnalogJ23
212	AnalogJ24
213	AnalogJ25
214	AnalogJ26
215	AnalogJ27
216	AnalogJ28
217	AnalogJ29
218	AnalogJ30
219	AnalogJ31
220	AnalogJ32
221	AnalogJ33
222	AnalogJ34
223	AnalogJ35
224	AnalogJ36
225	AnalogJ37
226	AnalogJ38
227	AnalogJ39
228	AnalogJ40
229	AnalogJ41
230	AnalogJ42
231	AnalogJ43
232	AnalogJ44
233	AnalogJ45
234	AnalogJ46
235	AnalogJ47
236	AnalogJ48
237	AnalogJ49
238	AnalogJ50
239	AnalogJ51
240	AnalogJ52
241	AnalogJ53
242	AnalogJ54
243	AnalogJ55
244	AnalogJ56
245	AnalogJ57
246	AnalogJ58
247	AnalogJ59
248	AnalogJ60
249	AnalogJ61
250	AnalogP1
251	AnalogP2
252	AnalogP3
253	AnalogP4
254	AnalogP5
255	AnalogP6
256	AnalogP7
257	AnalogP8
258	AnalogP9
259	AnalogP10
260	AnalogP11
261	AnalogP12
262	AnalogP13
263	AnalogP14
264	AnalogP15
265	AnalogP16
266	AnalogP17
267	AnalogP18
268	AnalogP19
269	AnalogP20
270	AnalogP21

No.	Voice name
271	AnalogP22
272	AnalogP23
273	AnalogP24
274	AnalogP25
275	AnalogP26
276	AnalogP27
277	AnalogP28
278	AnalogP29
279	AnalogP30
280	AnalogP31
281	AnalogP32
282	AnalogP33
283	AnalogP34
284	AnalogP35
285	AnalogP36
286	AnalogP37
287	AnalogP38
288	AnalogP39
289	BitPop1
290	BitPop2
291	Clk1Acc
292	Clk14th
293	Clk18th
294	Clk16th
295	Clk1Trp
296	Clk2Acc
297	Clk2Beat
298	Clk3Acc
299	Clk3Beat
300	Clk4
301	Clk5

Effect Type List

Reverb

Category	Type No.	Type Name	Parameter Table No.	Reverb Param A	Reverb Param B	Reverb Param C
No Effect	1	No Effect	-	-	-	-
Ambience	1	HD Mid Punchy	1	Room Size	High Damp Frequency	Reverb Time
	2	HD Bright	1	Room Size	High Damp Frequency	Reverb Time
	3	HD Lo Punchy	1	Room Size	High Damp Frequency	Reverb Time
	4	Smooth-Small	2	Plate Type	High Damp Frequency	Reverb Time
	5	Smooth-Medium	2	Plate Type	High Damp Frequency	Reverb Time
	6	Smooth-Large	2	Plate Type	High Damp Frequency	Reverb Time
	7	Airly-Small	3	Room Size	LPF Cutoff Frequency	Reverb Time
	8	Airly-Medium	3	Room Size	LPF Cutoff Frequency	Reverb Time
	9	Airly-Large	3	Room Size	LPF Cutoff Frequency	Reverb Time
	10	Bold-Small	7	Room Size	ER/Tail	Main Time
	11	Bold-Medium	7	Room Size	ER/Tail	Main Time
	12	Bold-Large	7	Room Size	ER/Tail	Main Time
	13	Harmonic-Small	8	Shimmer Gain	Color	Reverb Time
	14	Harmonic-Medium	8	Shimmer Gain	Color	Reverb Time
	15	Harmonic-Large	8	Shimmer Gain	Color	Reverb Time
	16	Solid-Small	5	Room Size	LPF Cutoff Frequency	Reverb Time
	17	Solid-Medium	5	Room Size	LPF Cutoff Frequency	Reverb Time
	18	Solid-Large	5	Room Size	LPF Cutoff Frequency	Reverb Time
	19	R3-Small	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	20	R3-Medium	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	21	R3-Large	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	22	Rectangle-Small	6	ER/Rev Balance	Feedback High Damp	Reverb Time
	23	Rectangle-Medium	6	ER/Rev Balance	Feedback High Damp	Reverb Time
	24	Rectangle-Large	6	ER/Rev Balance	Feedback High Damp	Reverb Time
Room	1	HD Bright-Small	1	Room Size	High Damp Frequency	Reverb Time
	2	HD Bright-Large	1	Room Size	High Damp Frequency	Reverb Time
	3	HD Dark-Small	1	Room Size	High Damp Frequency	Reverb Time
	4	HD Dark-Large	1	Room Size	High Damp Frequency	Reverb Time
	5	Smooth-Small	2	Plate Type	High Damp Frequency	Reverb Time
	6	Smooth-Large	2	Plate Type	High Damp Frequency	Reverb Time
	7	Airly HiPunchy-S	3	Room Size	LPF Cutoff Frequency	Reverb Time
	8	Airly HiPunchy-L	3	Room Size	LPF Cutoff Frequency	Reverb Time
	9	Airly MidPunchy-S	3	Room Size	LPF Cutoff Frequency	Reverb Time
	10	Airly MidPunchy-L	3	Room Size	LPF Cutoff Frequency	Reverb Time
	11	Airly LoPunch-S	3	Room Size	LPF Cutoff Frequency	Reverb Time
	12	Airly LoPunch-L	3	Room Size	LPF Cutoff Frequency	Reverb Time
	13	Bold-Small	7	Room Size	ER/Tail	Main Time
	14	Bold-Medium	7	Room Size	ER/Tail	Main Time
	15	Bold-Large	7	Room Size	ER/Tail	Main Time
	16	Harmonic-Small	8	Shimmer Gain	Color	Reverb Time
	17	Harmonic-Medium	8	Shimmer Gain	Color	Reverb Time
	18	Harmonic-Large	8	Shimmer Gain	Color	Reverb Time
	19	R3 Solid-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	20	R3 Solid-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	21	R3 Bright-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	22	R3 Bright-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	23	R3 Dense-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	24	R3 Dense-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	25	SPX-Small	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	26	SPX-Large	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	27	Rectangle-Small	6	ER/Rev Balance	Feedback High Damp	Reverb Time
	28	Rectangle-Large	6	ER/Rev Balance	Feedback High Damp	Reverb Time
Chamber	1	HD-Small	1	Room Size	High Damp Frequency	Reverb Time
	2	HD-Medium	1	Room Size	High Damp Frequency	Reverb Time
	3	HD-Large	1	Room Size	High Damp Frequency	Reverb Time
	4	Bold-Small	7	Room Size	ER/Tail	Main Time
	5	Bold-Medium	7	Room Size	ER/Tail	Main Time
	6	Bold-Large	7	Room Size	ER/Tail	Main Time
	7	Harmonic Hi-S	8	Shimmer Gain	Color	Reverb Time
	8	Harmonic Hi-M	8	Shimmer Gain	Color	Reverb Time
	9	Harmonic Hi-L	8	Shimmer Gain	Color	Reverb Time
	10	Harmonic Mid-S	8	Shimmer Gain	Color	Reverb Time
	11	Harmonic Mid-M	8	Shimmer Gain	Color	Reverb Time
	12	Harmonic Mid-L	8	Shimmer Gain	Color	Reverb Time
	13	Harmonic Lo-S	8	Shimmer Gain	Color	Reverb Time
	14	Harmonic Lo-M	8	Shimmer Gain	Color	Reverb Time
	15	Harmonic Lo-L	8	Shimmer Gain	Color	Reverb Time
	16	Rectangle-Small	6	ER/Rev Balance	Feedback High Damp	Reverb Time
	17	Rectangle-Medium	6	ER/Rev Balance	Feedback High Damp	Reverb Time
	18	Rectangle-Large	6	ER/Rev Balance	Feedback High Damp	Reverb Time
Venue	1	HD-Small	1	Room Size	High Damp Frequency	Reverb Time
	2	HD-Medium	1	Room Size	High Damp Frequency	Reverb Time
	3	HD-Large	1	Room Size	High Damp Frequency	Reverb Time
	4	Airly-Small	3	Room Size	LPF Cutoff Frequency	Reverb Time
	5	Airly-Medium	3	Room Size	LPF Cutoff Frequency	Reverb Time
	6	Airly-Large	3	Room Size	LPF Cutoff Frequency	Reverb Time
	7	Bold-Small	7	Room Size	ER/Tail	Main Time

Category	Type No.	Type Name	Parameter Table No.	Reverb Param A	Reverb Param B	Reverb Param C
	8	Bold-Medium	7	Room Size	ER/Tail	Main Time
	9	Bold-Large	7	Room Size	ER/Tail	Main Time
	10	Solid-Small	5	Room Size	LPF Cutoff Frequency	Reverb Time
	11	Solid-Medium	5	Room Size	LPF Cutoff Frequency	Reverb Time
	12	Solid-Large	5	Room Size	LPF Cutoff Frequency	Reverb Time
	13	R3-Small	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	14	R3-Medium	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	15	R3-Large	4	ER/Rev Balance	Feedback High Damp	Reverb Time
Hall	1	HD-Small	1	Room Size	High Damp Frequency	Reverb Time
	2	HD-Medium	1	Room Size	High Damp Frequency	Reverb Time
	3	HD-Large	1	Room Size	High Damp Frequency	Reverb Time
	4	Airly-Small	3	Room Size	Decay	Reverb Time
	5	Airly-Medium	3	Room Size	Decay	Reverb Time
	6	Airly-Large	3	Room Size	Decay	Reverb Time
	7	Bold-Small	7	Room Size	ER/Tail	Main Time
	8	Bold-Medium	7	Room Size	ER/Tail	Main Time
	9	Bold-Large	7	Room Size	ER/Tail	Main Time
Plate	1	Bright-Small	2	Plate Type	High Damp Frequency	Reverb Time
	2	Bright-Medium	2	Plate Type	High Damp Frequency	Reverb Time
	3	Bright-Large	2	Plate Type	High Damp Frequency	Reverb Time
	4	Dark-Small	2	Plate Type	High Damp Frequency	Reverb Time
	5	Dark-Medium	2	Plate Type	High Damp Frequency	Reverb Time
	6	Dark-Large	2	Plate Type	High Damp Frequency	Reverb Time
Shimmer	1	Detune	8	Shimmer Gain	Color	Reverb Time
	2	OctUp Detune	8	Shimmer Gain	Color	Reverb Time
	3	OctDown Detune	8	Shimmer Gain	Color	Reverb Time
	4	Rise+ AmpMod	8	Shimmer Gain	Color	Reverb Time
Retro	1	Retro50s HD-S	1	Room Size	High Damp Frequency	Reverb Time
	2	Retro50s HD-M	1	Room Size	High Damp Frequency	Reverb Time
	3	Retro50s HD-L	1	Room Size	High Damp Frequency	Reverb Time
	4	Retro50s Smooth-S	2	Plate Type	High Damp Frequency	Reverb Time
	5	Retro50s Smooth-M	2	Plate Type	High Damp Frequency	Reverb Time
	6	Retro50s Smooth-L	2	Plate Type	High Damp Frequency	Reverb Time
	7	Retro60s HD-S	2	Plate Type	High Damp Frequency	Reverb Time
	8	Retro60s HD-M	2	Plate Type	High Damp Frequency	Reverb Time
	9	Retro60s HD-L	2	Plate Type	High Damp Frequency	Reverb Time
	10	Retro60s Bold-S	7	Room Size	ER/Tail	Main Time
	11	Retro60s Bold-M	7	Room Size	ER/Tail	Main Time
	12	Retro60s Bold-L	7	Room Size	ER/Tail	Main Time
	13	Retro70s HD-S	1	Room Size	High Damp Frequency	Reverb Time
	14	Retro70s HD-M	1	Room Size	High Damp Frequency	Reverb Time
	15	Retro70s HD-L	1	Room Size	High Damp Frequency	Reverb Time
	16	Retro70s Smooth-S	2	Plate Type	High Damp Frequency	Reverb Time
	17	Retro70s Smooth-M	2	Plate Type	High Damp Frequency	Reverb Time
	18	Retro70s Smooth-L	2	Plate Type	High Damp Frequency	Reverb Time
	19	Retro70s Sweet-S	2	Plate Type	High Damp Frequency	Reverb Time
	20	Retro70s Sweet-M	2	Plate Type	High Damp Frequency	Reverb Time
	21	Retro70s Sweet-L	2	Plate Type	High Damp Frequency	Reverb Time
	22	Retro80s Sweet-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	23	Retro80s Sweet-M	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	24	Retro80s Sweet-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	25	Retro80s Bright-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	26	Retro80s Bright-M	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	27	Retro80s Bright-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	28	Retro90s Sweet-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	29	Retro90s Sweet-M	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	30	Retro90s Sweet-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	31	Retro90s Smooth-S	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	32	Retro90s Smooth-M	4	ER/Rev Balance	Feedback High Damp	Reverb Time
	33	Retro90s Smooth-L	4	ER/Rev Balance	Feedback High Damp	Reverb Time

FX1, FX2

Category	Type No.	Type Name	Parameter Table No.	FX1 Param A, FX2 Param A	FX1 Param B, FX2 Param B	FX1 Param C, FX2 Param C
No Effect	1	No Effect	-	-	-	-
EQ/Isolator	1	EQ Perspective	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	2	EQ V-shape	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	3	EQ Pop/Rock	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	4	Isolator HiBoost	63	Low Level	Mid Level	High Level
	5	Isolator LoHiBst	63	Low Level	Mid Level	High Level
	6	Isolator LoHiCut	63	Low Level	Mid Level	High Level
	7	EQ Retro50s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	8	EQ Retro60s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	9	EQ Retro70s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	10	EQ Retro80s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	11	EQ Retro90s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	12	EQ TapeHeadBump	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	13	M/S Mid Lo/Hi	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	14	M/S Side HiBst	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	15	M/S Side LoCut	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Compressor	1	Downward Soft	46	Threshold	Makeup Gain	Clipper
	2	Downward Med	46	Threshold	Makeup Gain	Clipper
	3	Downward Hard	46	Threshold	Makeup Gain	Clipper
	4	Downward Drive	46	Threshold	Makeup Gain	Clipper
	5	Volume Limiter	46	Threshold	Makeup Gain	Clipper
	6	Kick Limiter	46	Threshold	Makeup Gain	Clipper
	7	Retro CompSoft	44	Ratio	Attack	Release
	8	Retro CompMed	44	Ratio	Attack	Release
	9	Retro CompHard	44	Ratio	Attack	Release
	10	Retro Limiter	44	Ratio	Attack	Release
	11	Upward Soft	47	Threshold	Makeup Gain	Clipper
	12	Upward Medium	47	Threshold	Makeup Gain	Clipper
	13	Upward Hard	47	Threshold	Makeup Gain	Clipper
	14	Parallel Natural	48	Type	Compression	Texture
	15	Parallel Rich	48	Type	Compression	Texture
	16	Parallel Punchy	48	Type	Compression	Texture
	17	Parallel Electro	48	Type	Compression	Texture
	18	Parallel Loud	48	Type	Compression	Texture
	19	Multiband Soft	45	Low Gain	Mid Gain	High Gain
	20	Multiband Med	45	Low Gain	Mid Gain	High Gain
	21	Multiband Hard	45	Low Gain	Mid Gain	High Gain
	22	M/S Basic	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	23	M/S Smooth	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	24	M/S Punchy	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	25	M/S Loud	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	26	M/S Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	27	M/S Limiter	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	28	M/S CompSat1	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	29	M/S CompSat2	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	30	M/S CompSat3	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	31	M/S LimitSat1	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	32	M/S LimitSat2	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	33	M/S LimitSat3	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Enhancer	1	HarmonicEnhancer	71	HPF Cutoff Frequency	Drive	Mix Level
	2	Presence Hi	70	Presence	Texture	Output Level
	3	Presence MidHi	70	Presence	Texture	Output Level
	4	Presence MidLo	70	Presence	Texture	Output Level
	5	Presence Lo	70	Presence	Texture	Output Level
Stereo	1	M/S SideCut	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	2	Stereo In < Wide	72	Width Low	Width Mid2	Width High
	3	Stereo In > Narrow	72	Width Low	Width Mid2	Width High
	4	Mono In < Wide	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Saturator	1	M/S Mid Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	2	M/S Side Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	3	M/S M>S Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	4	M/S S>M Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	5	M/S Mid Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	6	M/S Side Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	7	M/S M>S Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	8	M/S S>M Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	9	M/S Mid Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	10	M/S Side Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	11	M/S M>S Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	12	M/S S>M Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	13	Retro70s LPF	75	Cutoff Frequency	Type	Texture
	14	Retro70s HiBst	76	EQ Frequency	Type	Texture
	15	Retro70s LoBst	76	EQ Frequency	Type	Texture
	16	Retro80s LPF	75	Cutoff Frequency	Type	Texture
	17	Retro80s HiBst	76	EQ Frequency	Type	Texture
	18	Retro80s LoBst	76	EQ Frequency	Type	Texture
	19	Modern LPF	75	Cutoff Frequency	Type	Texture
	20	Modern HiBst	76	EQ Frequency	Type	Texture
	21	Modern LoBst	76	EQ Frequency	Type	Texture
Distortion	1	Soft	41	Distortion Tone	Distortion Drive	Speaker Type
	2	Crunch	41	Distortion Tone	Distortion Drive	Speaker Type
	3	Overdrive	41	Distortion Tone	Distortion Drive	Speaker Type
	4	Distortion	41	Distortion Tone	Distortion Drive	Speaker Type
	5	HiGain	41	Distortion Tone	Distortion Drive	Speaker Type
	6	Modern	41	Distortion Tone	Distortion Drive	Speaker Type
	7	Comp+Distortion	34	Overdrive	Threshold	LPF Cutoff Frequency

Category	Type No.	Type Name	Parameter Table No.	FX1 Param A, FX2 Param A	FX1 Param B, FX2 Param B	FX1 Param C, FX2 Param C
Amp Simulator	1	AmpSim Tube	33	Overdrive	Amp Type	LPF Cutoff Frequency
	2	AmpSim Dist	32	Overdrive	Presence	Speaker Type
	3	British Legend	43	Preamp	Presence	Speaker Type
	4	US High Gain	38	Type	Gain	Speaker Type
	5	British Lead	39	Type	Preamp	Speaker Type
	6	US Combo	36	Gain Boost	Speaker Type	Balance
	7	British Combo	42	Bass	Treble	Speaker Type
	8	Jazz Combo	37	Distortion	Speaker Type	Chorus
Delay	1	Bucket Basic	11	Delay Time	Feedback Level	Delay Input Level
	2	Bucket Dub	11	Delay Time	Feedback Level	Delay Input Level
	3	Bucket Retro	10	Delay Time	Feedback Level	Delay Input Level
	4	Control Delay	7	Delay Time	Feedback Level	Delay Transition Rate
	5	Tempo St 8th/3	6	Delay Time	Feedback Level	Lag
	6	Tempo Crs 8th/3	4	Delay Time L>R	Delay Time R>L	Feedback Level
	7	Tempo Mn Basic	5	Delay Time	Feedback Level	Lag
	8	Tempo Mn Diff	5	Delay Time	Feedback Level	Lag
	9	Multiband Warm	63	Low Level	Mid Level	High Level
	10	Cross Delay	3	Delay Time L>R	Delay Time R>L	Feedback Level
	11	LR Diffusion	8	Delay Time L	Delay Time R	Feedback Level
	12	LR PingPong	8	Delay Time L	Delay Time R	Feedback Level
	13	LCR PingPong	9	Delay Time L	Delay Time R	Delay Time C
Reverb	1	Ambience Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	2	Ambience Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	3	Ambience Flanger	22	LFO Frequency	LFO Depth	Ambience
	4	Room MidPunchy-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	5	Room MidPunchy-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	6	Room MidPunchy-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	7	Room LoPunchy-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	8	Room LoPunchy-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	9	Room LoPunchy-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	10	Room Airly-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	11	Room Airly-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	12	Room Airly-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	13	Venue Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	14	Venue Medium	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	15	Venue Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	16	Hall Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	17	Hall Medium	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	18	Hall Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	19	Damper Resonance	77	Damper Control	---	---
Gate Reverb	1	NonLin Small	79	Type	Room Size	Feedback Level
	2	NonLin Large	79	Type	Room Size	Feedback Level
	3	Gate1-Small	2	Room Size	Liveness	Feedback Level
	4	Gate1-Large	2	Room Size	Liveness	Feedback Level
	5	Gate2-Small	2	Room Size	Liveness	Feedback Level
	6	Gate2-Large	2	Room Size	Liveness	Feedback Level
	7	ReverseGate1-S	2	Room Size	Liveness	Feedback Level
	8	ReverseGate1-L	2	Room Size	Liveness	Feedback Level
	9	ReverseGate2-S	2	Room Size	Liveness	Feedback Level
	10	ReverseGate2-L	2	Room Size	Liveness	Feedback Level
Lo-Fi	1	Lo-Fi PowerBass	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type
	2	Lo-Fi LPF	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type
	3	Lo-Fi Radio	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type
	4	BitCrusher Soft	56	Sample Rate	Bit	Crush Type
	5	BitCrusher Hard	56	Sample Rate	Bit	Crush Type
	6	Noisy	54	Mod Depth	Mod Speed	Mod Feedback
	7	DigitalTurntable	55	Noise Tone	Noise LPF Cutoff Freq	Noise Level
Filter	1	CntrlFiltr LPF	66	Filter Type	Cutoff Freq Control	Resonance
	2	CntrlFiltr HPF	66	Filter Type	Cutoff Freq Control	Resonance
	3	MiniFilter	75	Cutoff Frequency	Type	Texture
	4	DynFit LP Up Fst	59	Filter Type	Sensitivity	Dyna Level Offset
	5	DynFit LP Up Slw	59	Filter Type	Sensitivity	Dyna Level Offset
	6	DynFit HP Up Fst	59	Filter Type	Sensitivity	Dyna Level Offset
	7	DynFit HP Up Slw	59	Filter Type	Sensitivity	Dyna Level Offset
	8	Talking Mod	73	Vowel	Move Speed	Drive
Wah	1	Pedal Wah	52	Pedal Control	Bottom	Top
	2	Auto Wah	50	Speed	Bottom	Top
	3	Touch Wah	51	Sensitivity	Bottom	Top
Pitch Change	1	Pitch Up Basic	78	Pitch1	Pitch2	Feedback Level1
	2	Pitch Down Basic	78	Pitch1	Pitch2	Feedback Level1
	3	Pitch Change Cntrl	78	Pitch1	Pitch2	Feedback Level1
	4	Pitch DwnWideFst	78	Pitch1	Pitch2	Feedback Level1
	5	Pitch DwnWideSlw	78	Pitch1	Pitch2	Feedback Level1
	6	Pitch DwnMonoFst	78	Pitch1	Pitch2	Feedback Level1
	7	Pitch DwnMonoSlw	78	Pitch1	Pitch2	Feedback Level1
	8	Pitch DwnDetune	78	Pitch1	Pitch2	Feedback Level1
Chorus	1	2Modulator Slow	13	LFO Speed	Feedback Level	Pitch Mod Depth
	2	2Modulator Fast	13	LFO Speed	Feedback Level	Pitch Mod Depth
	3	GChorus Slow	12	LFO Speed	Feedback Level	Pitch Mod Depth
	4	GChorus Fast	12	LFO Speed	Feedback Level	Pitch Mod Depth
	5	SPXChorus Slow	14	LFO Speed	Delay Offset	LFO Depth
	6	SPXChorus Fast	14	LFO Speed	Delay Offset	LFO Depth
	7	EnsDetune Slow	16	Detune	Spread	EQ High Gain
	8	EnsDetune Fast	16	Detune	Spread	EQ High Gain
	9	Symphonic Slow	15	LFO Speed	LFO Depth	EQ High Gain
	10	Symphonic Fast	15	LFO Speed	LFO Depth	EQ High Gain
Flanger	1	VCM Flanger	17	Speed	Manual	Depth
	2	Flanger Sat	40	Wah Switch	Distortion Drive	Delay Switch
	3	Classic Flanger	18	LFO Speed	LFO Depth	Feedback Level

Category	Type No.	Type Name	Parameter Table No.	FX1 Param A, FX2 Param A	FX1 Param B, FX2 Param B	FX1 Param C, FX2 Param C
	4	Tempo Flanger	19	LFO Speed	LFO Depth	Feedback Level
	5	Control Flanger	21	Flanger Control	Bottom	Top
	6	DynFing Up Fast	20	Sensitivity	Direction	Feedback Level
	7	DynFing Up Slow	20	Sensitivity	Direction	Feedback Level
	8	DynFing Down Fst	20	Sensitivity	Direction	Feedback Level
	9	DynFing Down Slw	20	Sensitivity	Direction	Feedback Level
Phaser	1	VCM Stereo Stg4	24	Speed	Manual	Depth
	2	VCM Stereo Stg6	24	Speed	Manual	Depth
	3	VCM Stereo Stg8	24	Speed	Manual	Depth
	4	VCM Stereo Stg10	24	Speed	Manual	Depth
	5	VCM Mono Stg4	23	Speed	Manual	Depth
	6	VCM Mono Stg6	23	Speed	Manual	Depth
	7	VCM Mono Stg8	23	Speed	Manual	Depth
	8	VCM Mono Stg10	23	Speed	Manual	Depth
	9	VCM Mono Stg12	23	Speed	Manual	Depth
	10	VCM Mono Stg16	23	Speed	Manual	Depth
	11	Tempo Phaser	25	LFO Speed	LFO Depth	Phase Shift Offset
	12	ControlPhsr Stg4	27	Phase Control	Bottom	Top
	13	ControlPhsr Stg6	27	Phase Control	Bottom	Top
	14	ControlPhsr Stg8	27	Phase Control	Bottom	Top
	15	ControlPhsr Stg10	27	Phase Control	Bottom	Top
	16	DynPhs Up Fast	26	Sensitivity	Dyna Level Offset	Feedback Level
	17	DynPhs Up Slow	26	Sensitivity	Dyna Level Offset	Feedback Level
	18	DynPhs Down Fst	26	Sensitivity	Dyna Level Offset	Feedback Level
	19	DynPhs Down Slw	26	Sensitivity	Dyna Level Offset	Feedback Level
Trem/Rtr	1	Auto Pan	28	LFO Speed	Pan Direction	L/R Depth
	2	Tremolo	29	LFO Speed	Amp Mod Depth	Pitch Mod Depth
	3	RotarySpeaker1	30	Drive Rotor	Drive Horn	Rotor/Horn Balance
	4	RotarySpeaker2	31	Drive	Tone	Rotor/Horn Balance
RingMod	1	RingModulator	57	OSC Frequency Coarse	OSC Frequency Fine	LPF Cutoff Frequency
	2	RingMod LFO	57	OSC Frequency Coarse	OSC Frequency Fine	LPF Cutoff Frequency
	3	DynRing Fast	58	Sensitivity	Release Time	LPF Cutoff Frequency
	4	DynRing Slow	58	Sensitivity	Release Time	LPF Cutoff Frequency
Slice/Repeat	1	Slice	64	Divide Type	Gate Time	Pan Depth
	2	Beat Repeat	68	Repeat	Length	Play Speed
	3	BeatRpt Evn	68	Repeat	Length	Play Speed
	4	BeatRpt Trp	68	Repeat	Length	Play Speed
	5	BeatRpt Evn+Trp	68	Repeat	Length	Play Speed
	6	BeatRpt Freeze	68	Repeat	Length	Play Speed
Tech	1	WaveFolder Soft	74	Fold	Fold Type	LFO Depth
	2	WaveFolder Hard	74	Fold	Fold Type	LFO Depth
	3	AutoSynth	60	Mod Speed	Delay Level	Dry Mix Level
	4	TechMod1	65	Mod Speed	Delay Time	Feedback Level
	5	TechMod2	65	Mod Speed	Delay Time	Feedback Level
	6	TechMod3	65	Mod Speed	Delay Time	Feedback Level
	7	TechMod Delay1	65	Mod Speed	Delay Time	Feedback Level
	8	TechMod Delay2	65	Mod Speed	Delay Time	Feedback Level
	9	Spiralizer P	61	Spiral Speed	Filter Offset	Feedback
	10	TempoSpiralizr P	62	Spiral Speed	Filter Offset	Feedback
	11	Spiralizer F	61	Spiral Speed	Filter Offset	Feedback
	12	TempoSpiralizr F	62	Spiral Speed	Filter Offset	Feedback
Multi	1	Gate+Comp+EQ	80	EQ Low Gain	EQ High Gain	EQ Mid Gain
	2	Gate+Comp	80	EQ Low Gain	EQ High Gain	EQ Mid Gain
	3	RetroSat+Flanger	40	Wah Switch	Distortion Drive	Delay Switch
	4	ModernSat+Flanger	40	Wah Switch	Distortion Drive	Delay Switch
	5	RetroSat+Phaser	40	Wah Switch	Distortion Drive	Delay Switch
	6	ModernSat+Phaser	40	Wah Switch	Distortion Drive	Delay Switch
	7	PedalWah+Dist	40	Wah Switch	Distortion Drive	Delay Switch
	8	AutoWah+Dist	40	Wah Switch	Distortion Drive	Delay Switch
	9	RetroSat+Delay	40	Wah Switch	Distortion Drive	Delay Switch
	10	ModernSat+Delay	40	Wah Switch	Distortion Drive	Delay Switch
	11	Comp+Sat+Delay	35	Overdrive	Speaker Type	Feedback Level
	12	Comp+Dist1+Delay	35	Overdrive	Speaker Type	Feedback Level
	13	Comp+Dist2+Delay	35	Overdrive	Speaker Type	Feedback Level
	14	Comp+Dist3+Delay	35	Overdrive	Speaker Type	Feedback Level
	15	Comp+Fuzz+Delay	35	Overdrive	Speaker Type	Feedback Level
	16	Comp+Megaphn+Dly	35	Overdrive	Speaker Type	Feedback Level
	17	Comp+Radio+Delay	35	Overdrive	Speaker Type	Feedback Level
	18	RetroSat+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	19	ModernSat+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	20	PdWah+Phs+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	21	AtWah+Phs+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	22	PdWah+Vibe+Delay	40	Wah Switch	Distortion Drive	Delay Switch

Master FX, Ins1 Mic, Ins2 Mic, Ins Trig

Category	Type No.	Type Name	Parameter Table No.	Ins1 Mic Param A, Ins2 Mic Param A, Ins Trig Param A	Ins1 Mic Param B, Ins2 Mic Param B, Ins Trig Param B	Ins1 Mic Param C, Ins2 Mic Param C, Ins Trig Param C
Thru	1	Thru	-	-	-	-
EQ/Isolator	1	EQ Perspective	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	2	EQ V-shape	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	3	EQ Pop/Rock	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	4	Isolator HiBoost	63	Low Level	Mid Level	High Level
	5	Isolator LoHiBst	63	Low Level	Mid Level	High Level
	6	Isolator LoHiCut	63	Low Level	Mid Level	High Level
	7	EQ Retro50s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	8	EQ Retro60s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	9	EQ Retro70s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	10	EQ Retro80s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	11	EQ Retro90s	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	12	EQ TapeHeadBump	69	EQ2 Gain	EQ3 Gain	EQ4 Gain
	13	M/S Mid Lo/Hi	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	14	M/S Side HiBst	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	15	M/S Side LoCut	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Compressor	1	Downward Soft	46	Threshold	Makeup Gain	Clipper
	2	Downward Med	46	Threshold	Makeup Gain	Clipper
	3	Downward Hard	46	Threshold	Makeup Gain	Clipper
	4	Downward Drive	46	Threshold	Makeup Gain	Clipper
	5	Volume Limiter	46	Threshold	Makeup Gain	Clipper
	6	Kick Limiter	46	Threshold	Makeup Gain	Clipper
	7	Retro CompSoft	44	Ratio	Attack	Release
	8	Retro CompMed	44	Ratio	Attack	Release
	9	Retro CompHard	44	Ratio	Attack	Release
	10	Retro Limiter	44	Ratio	Attack	Release
	11	Upward Soft	47	Threshold	Makeup Gain	Clipper
	12	Upward Medium	47	Threshold	Makeup Gain	Clipper
	13	Upward Hard	47	Threshold	Makeup Gain	Clipper
	14	Parallel Natural	48	Type	Compression	Texture
	15	Parallel Rich	48	Type	Compression	Texture
	16	Parallel Punchy	48	Type	Compression	Texture
	17	Parallel Electro	48	Type	Compression	Texture
	18	Parallel Loud	48	Type	Compression	Texture
	19	Multiband Soft	45	Low Gain	Mid Gain	High Gain
	20	Multiband Med	45	Low Gain	Mid Gain	High Gain
	21	Multiband Hard	45	Low Gain	Mid Gain	High Gain
	22	M/S Basic	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	23	M/S Smooth	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	24	M/S Punchy	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	25	M/S Loud	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	26	M/S Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	27	M/S Limiter	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	28	M/S CompSat1	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	29	M/S CompSat2	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	30	M/S CompSat3	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	31	M/S LimitSat1	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	32	M/S LimitSat2	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	33	M/S LimitSat3	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Enhancer	1	HarmonicEnhancer	71	HPF Cutoff Frequency	Drive	Mix Level
	2	Presence Hi	70	Presence	Texture	Output Level
	3	Presence MidHi	70	Presence	Texture	Output Level
	4	Presence MidLo	70	Presence	Texture	Output Level
	5	Presence Lo	70	Presence	Texture	Output Level
Stereo	1	M/S SideCut	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	2	Stereo In < Wide	72	Width Low	Width Mid2	Width High
	3	Stereo In > Narrow	72	Width Low	Width Mid2	Width High
	4	Mono In < Wide	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
Saturator	1	M/S Mid Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	2	M/S Side Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	3	M/S M>S Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	4	M/S S>M Soft	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	5	M/S Mid Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	6	M/S Side Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	7	M/S M>S Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	8	M/S S>M Med	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	9	M/S Mid Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	10	M/S Side Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve

Category	Type No.	Type Name	Parameter Table No.	Ins1 Mic Param A, Ins2 Mic Param A, Ins Trig Param A	Ins1 Mic Param B, Ins2 Mic Param B, Ins Trig Param B	Ins1 Mic Param C, Ins2 Mic Param C, Ins Trig Param C
	11	M/S M>S Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	12	M/S S>M Hard	49	M/S Balance	Mid Compressor Curve	Side Compressor Curve
	13	Retro70s LPF	75	Cutoff Frequency	Type	Dry/Wet Balance
	14	Retro70s HiBst	76	EQ Frequency	Type	Texture
	15	Retro70s LoBst	76	EQ Frequency	Type	Texture
	16	Retro80s LPF	75	Cutoff Frequency	Type	Dry/Wet Balance
	17	Retro80s HiBst	76	EQ Frequency	Type	Texture
	18	Retro80s LoBst	76	EQ Frequency	Type	Texture
	19	Modern LPF	75	Cutoff Frequency	Type	Dry/Wet Balance
	20	Modern HiBst	76	EQ Frequency	Type	Texture
	21	Modern LoBst	76	EQ Frequency	Type	Texture
Distortion	1	Soft	41	Distortion Tone	Distortion Drive	Speaker Type
	2	Crunch	41	Distortion Tone	Distortion Drive	Speaker Type
	3	Overdrive	41	Distortion Tone	Distortion Drive	Speaker Type
	4	Distortion	41	Distortion Tone	Distortion Drive	Speaker Type
	5	HiGain	41	Distortion Tone	Distortion Drive	Speaker Type
	6	Modern	41	Distortion Tone	Distortion Drive	Speaker Type
	7	Comp+Distortion	34	Overdrive	Threshold	Dry/Wet Balance
Amp Simulator	1	AmpSim Tube	33	Overdrive	Amp Type	Dry/Wet Balance
	2	AmpSim Dist	32	Overdrive	Presence	Dry/Wet Balance
	3	British Legend	43	Preamp	Presence	Speaker Type
	4	US High Gain	38	Type	Gain	Speaker Type
	5	British Lead	39	Type	Preamp	Speaker Type
	6	US Combo	36	Gain Boost	Speaker Type	Balance
	7	British Combo	42	Bass	Treble	Speaker Type
	8	Jazz Combo	37	Distortion	Speaker Type	Chorus
Delay	1	Bucket Basic	11	Delay Time	Feedback Level	Dry/Wet Balance
	2	Bucket Dub	11	Delay Time	Feedback Level	Dry/Wet Balance
	3	Bucket Retro	10	Delay Time	Feedback Level	Dry/Wet Balance
	4	Control Delay	7	Delay Time	Feedback Level	Delay Transition Rate
	5	Tempo St 8th/3	6	Delay Time	Feedback Level	Lag
	6	Tempo Crs 8th/3	4	Delay Time L>R	Delay Time R>L	Feedback Level
	7	Tempo Mn Basic	5	Delay Time	Feedback Level	Lag
	8	Tempo Mn Diff	5	Delay Time	Feedback Level	Lag
	9	Multiband Warm	63	Low Level	Mid Level	High Level
	10	Cross Delay	3	Delay Time L>R	Delay Time R>L	Feedback Level
	11	LR Diffusion	8	Delay Time L	Delay Time R	Feedback Level
	12	LR PingPong	8	Delay Time L	Delay Time R	Feedback Level
	13	LCR PingPong	9	Delay Time L	Delay Time R	Delay Time C
Reverb	1	Ambience Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	2	Ambience Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	3	Ambience Flanger	22	LFO Frequency	LFO Depth	Ambience
	4	Room MidPunchy-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	5	Room MidPunchy-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	6	Room MidPunchy-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	7	Room LoPunchy-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	8	Room LoPunchy-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	9	Room LoPunchy-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	10	Room Airly-S	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	11	Room Airly-M	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	12	Room Airly-L	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	13	Venue Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	14	Venue Medium	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	15	Venue Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	16	Hall Small	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	17	Hall Medium	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	18	Hall Large	1	ER/Rev Balance	Feedback High Damp	Reverb Time
	19	Damper Resonance	77	Damper Control	-	-
Gate Reverb	1	NonLin Small	79	Type	Room Size	Dry/Wet Balance
	2	NonLin Large	79	Type	Room Size	Dry/Wet Balance
	3	Gate1-Small	2	Room Size	Liveness	Dry/Wet Balance
	4	Gate1-Large	2	Room Size	Liveness	Dry/Wet Balance
	5	Gate2-Small	2	Room Size	Liveness	Dry/Wet Balance
	6	Gate2-Large	2	Room Size	Liveness	Dry/Wet Balance
	7	ReverseGate1-S	2	Room Size	Liveness	Dry/Wet Balance
	8	ReverseGate1-L	2	Room Size	Liveness	Dry/Wet Balance
	9	ReverseGate2-S	2	Room Size	Liveness	Dry/Wet Balance
	10	ReverseGate2-L	2	Room Size	Liveness	Dry/Wet Balance
Lo-Fi	1	Lo-Fi PowerBass	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type
	2	Lo-Fi LPF	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type
	3	Lo-Fi Radio	53	Sampling Freq Control	Pre LPF Cutoff Freq	Filter Type

Category	Type No.	Type Name	Parameter Table No.	Ins1 Mic Param A, Ins2 Mic Param A, Ins Trig Param A	Ins1 Mic Param B, Ins2 Mic Param B, Ins Trig Param B	Ins1 Mic Param C, Ins2 Mic Param C, Ins Trig Param C
	4	BitCrusher Soft	56	Sample Rate	Bit	Crush Type
	5	BitCrusher Hard	56	Sample Rate	Bit	Crush Type
	6	Noisy	54	Mod Depth	Mod Speed	Mod Feedback
	7	DigitalTurntable	55	Noise Tone	Noise LPF Cutoff Freq	Noise Level
Filter	1	CntrlFltr LPF	66	Filter Type	Cutoff Freq Control	Resonance
	2	CntrlFltr HPF	66	Filter Type	Cutoff Freq Control	Resonance
	3	MiniFilter	75	Cutoff Frequency	Type	Dry/Wet Balance
	4	DynFlt LP Up Fst	59	Filter Type	Sensitivity	Dry/Wet Balance
	5	DynFlt LP Up Slw	59	Filter Type	Sensitivity	Dry/Wet Balance
	6	DynFlt HP Up Fst	59	Filter Type	Sensitivity	Dry/Wet Balance
	7	DynFlt HP Up Slw	59	Filter Type	Sensitivity	Dry/Wet Balance
	8	Talking Mod	73	Vowel	Move Speed	Drive
Wah	1	Pedal Wah	52	Pedal Control	Bottom	Top
	2	Auto Wah	50	Speed	Bottom	Top
	3	Touch Wah	51	Sensitivity	Bottom	Top
Pitch Change	1	Pitch Up Basic	78	Pitch1	Pitch2	Dry/Wet Balance
	2	Pitch Down Basic	78	Pitch1	Pitch2	Dry/Wet Balance
	3	Pitch Change Cntrl	78	Pitch1	Pitch2	Dry/Wet Balance
	4	Pitch DwnWideFst	78	Pitch1	Pitch2	Dry/Wet Balance
	5	Pitch DwnWideSlw	78	Pitch1	Pitch2	Dry/Wet Balance
	6	Pitch DwnMonoFst	78	Pitch1	Pitch2	Dry/Wet Balance
	7	Pitch DwnMonoSlw	78	Pitch1	Pitch2	Dry/Wet Balance
	8	Pitch DwnDetune	78	Pitch1	Pitch2	Dry/Wet Balance
Chorus	1	2Modulator Slow	13	LFO Speed	Feedback Level	Dry/Wet Balance
	2	2Modulator Fast	13	LFO Speed	Feedback Level	Dry/Wet Balance
	3	GChorus Slow	12	LFO Speed	Feedback Level	Dry/Wet Balance
	4	GChorus Fast	12	LFO Speed	Feedback Level	Dry/Wet Balance
	5	SPXChorus Slow	14	LFO Speed	Delay Offset	Dry/Wet Balance
	6	SPXChorus Fast	14	LFO Speed	Delay Offset	Dry/Wet Balance
	7	EnsDetune Slow	16	Detune	Spread	Dry/Wet Balance
	8	EnsDetune Fast	16	Detune	Spread	Dry/Wet Balance
	9	Symphonic Slow	15	LFO Speed	LFO Depth	Dry/Wet Balance
	10	Symphonic Fast	15	LFO Speed	LFO Depth	Dry/Wet Balance
Flanger	1	VCM Flanger	17	Speed	Manual	Depth
	2	Flanger Sat	40	Wah Switch	Distortion Drive	Delay Switch
	3	Classic Flanger	18	LFO Speed	LFO Depth	Dry/Wet Balance
	4	Tempo Flanger	19	LFO Speed	LFO Depth	Dry/Wet Balance
	5	Control Flanger	21	Flanger Control	Bottom	Top
	6	DynFlng Up Fast	20	Sensitivity	Direction	Dry/Wet Balance
	7	DynFlng Up Slow	20	Sensitivity	Direction	Dry/Wet Balance
	8	DynFlng Down Fst	20	Sensitivity	Direction	Dry/Wet Balance
	9	DynFlng Down Slw	20	Sensitivity	Direction	Dry/Wet Balance
Phaser	1	VCM Stereo Stg4	24	Speed	Manual	Depth
	2	VCM Stereo Stg6	24	Speed	Manual	Depth
	3	VCM Stereo Stg8	24	Speed	Manual	Depth
	4	VCM Stereo Stg10	24	Speed	Manual	Depth
	5	VCM Mono Stg4	23	Speed	Manual	Depth
	6	VCM Mono Stg6	23	Speed	Manual	Depth
	7	VCM Mono Stg8	23	Speed	Manual	Depth
	8	VCM Mono Stg10	23	Speed	Manual	Depth
	9	VCM Mono Stg12	23	Speed	Manual	Depth
	10	VCM Mono Stg16	23	Speed	Manual	Depth
	11	Tempo Phaser	25	LFO Speed	LFO Depth	Phase Shift Offset
	12	ControlPhsr Stg4	27	Phase Control	Bottom	Top
	13	ControlPhsr Stg6	27	Phase Control	Bottom	Top
	14	ControlPhsr Stg8	27	Phase Control	Bottom	Top
	15	ControlPhsr Stg10	27	Phase Control	Bottom	Top
	16	DynPhs Up Fast	26	Sensitivity	Dyna Level Offset	Dry/Wet Balance
	17	DynPhs Up Slow	26	Sensitivity	Dyna Level Offset	Dry/Wet Balance
	18	DynPhs Down Fst	26	Sensitivity	Dyna Level Offset	Dry/Wet Balance
	19	DynPhs Down Slw	26	Sensitivity	Dyna Level Offset	Dry/Wet Balance
Trem/Rtr	1	Auto Pan	28	LFO Speed	Pan Direction	LFO Waveform
	2	Tremolo	29	LFO Speed	Amp Mod Depth	Pitch Mod Depth
	3	RotarySpeaker1	30	Drive Rotor	Drive Horn	Rotor/Horn Balance
	4	RotarySpeaker2	31	Drive	Tone	Rotor/Horn Balance
RingMod	1	RingModulator	57	OSC Frequency Coarse	OSC Frequency Fine	Dry/Wet Balance
	2	RingMod LFO	57	OSC Frequency Coarse	OSC Frequency Fine	Dry/Wet Balance
	3	DynRing Fast	58	Sensitivity	Release Time	Dry/Wet Balance
	4	DynRing Slow	58	Sensitivity	Release Time	Dry/Wet Balance
Slice/Repeat	1	Slice	64	Divide Type	Gate Time	Pan Depth
	2	Beat Repeat	68	Repeat	Length	Play Speed

Category	Type No.	Type Name	Parameter Table No.	Ins1 Mic Param A, Ins2 Mic Param A, Ins Trig Param A	Ins1 Mic Param B, Ins2 Mic Param B, Ins Trig Param B	Ins1 Mic Param C, Ins2 Mic Param C, Ins Trig Param C
	3	BeatRpt Evn	68	Repeat	Length	Play Speed
	4	BeatRpt Trp	68	Repeat	Length	Play Speed
	5	BeatRpt Evn+Trp	68	Repeat	Length	Play Speed
	6	BeatRpt Freeze	68	Repeat	Length	Play Speed
Tech	1	WaveFolder Soft	74	Fold	Fold Type	Dry/Wet Balance
	2	WaveFolder Hard	74	Fold	Fold Type	Dry/Wet Balance
	3	AutoSynth	60	Mod Speed	Delay Level	Dry Mix Level
	4	TechMod1	65	Mod Speed	Delay Time	Feedback Level
	5	TechMod2	65	Mod Speed	Delay Time	Feedback Level
	6	TechMod3	65	Mod Speed	Delay Time	Feedback Level
	7	TechMod Delay1	65	Mod Speed	Delay Time	Feedback Level
	8	TechMod Delay2	65	Mod Speed	Delay Time	Feedback Level
	9	Spiralizer P	61	Spiral Speed	Filter Offset	Feedback
	10	TempoSpiralr P	62	Spiral Speed	Filter Offset	Feedback
	11	Spiralizer F	61	Spiral Speed	Filter Offset	Feedback
	12	TempoSpiralr F	62	Spiral Speed	Filter Offset	Feedback
	13	VnylBrk Fast	67	Break	Speed	Speed Adjust
	14	VnylBrk Middle	67	Break	Speed	Speed Adjust
	15	VnylBrk Slow	67	Break	Speed	Speed Adjust
	16	VnylBrk VinylStop	67	Break	Speed	Speed Adjust
	17	VnylBrk PowerOff	67	Break	Speed	Speed Adjust
Multi	1	Gate+Comp+EQ	80	EQ Low Gain	EQ High Gain	EQ Mid Gain
	2	Gate+Comp	80	EQ Low Gain	EQ High Gain	EQ Mid Gain
	3	RetroSat+Flanger	40	Wah Switch	Distortion Drive	Delay Switch
	4	ModernSat+Flanger	40	Wah Switch	Distortion Drive	Delay Switch
	5	RetroSat+Phaser	40	Wah Switch	Distortion Drive	Delay Switch
	6	ModernSat+Phaser	40	Wah Switch	Distortion Drive	Delay Switch
	7	PedalWah+Dist	40	Wah Switch	Distortion Drive	Delay Switch
	8	AutoWah+Dist	40	Wah Switch	Distortion Drive	Delay Switch
	9	RetroSat+Delay	40	Wah Switch	Distortion Drive	Delay Switch
	10	ModernSat+Delay	40	Wah Switch	Distortion Drive	Delay Switch
	11	Comp+Sat+Delay	35	Overdrive	Speaker Type	Feedback Level
	12	Comp+Dist1+Delay	35	Overdrive	Speaker Type	Feedback Level
	13	Comp+Dist2+Delay	35	Overdrive	Speaker Type	Feedback Level
	14	Comp+Dist3+Delay	35	Overdrive	Speaker Type	Feedback Level
	15	Comp+Fuzz+Delay	35	Overdrive	Speaker Type	Feedback Level
	16	Cmp+Megaphn+Dly	35	Overdrive	Speaker Type	Feedback Level
	17	Comp+Radio+Delay	35	Overdrive	Speaker Type	Feedback Level
	18	RetroSat+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	19	ModernSat+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	20	PdWah+Phs+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	21	AtWah+Phs+Echo	40	Wah Switch	Distortion Drive	Delay Switch
	22	PdWah+Vibe+Delay	40	Wah Switch	Distortion Drive	Delay Switch

Master Comp

Category	Type No.	Type Name	Parameter Table No.
Thru	1	Thru	-
Downward	1	Downward Soft	46
	2	Downward Med	46
	3	Downward Hard	46
	4	Downward Drive	46
	5	Volume Limiter	46
	6	Kick Limiter	46
Retro	1	Retro CompSoft	44
	2	Retro CompMed	44
	3	Retro CompHard	44
	4	Retro Limiter	44
Upward	1	Upward Soft	47
	2	Upward Medium	47
	3	Upward Hard	47
Parallel	1	Parallel Natural	48
	2	Parallel Rich	48
	3	Parallel Punchy	48
	4	Parallel Electro	48
	5	Parallel Loud	48
Multiband	1	Multiband Soft	45
	2	Multiband Med	45
	3	Multiband Hard	45
MidSide	1	M/S Basic	49
	2	M/S Smooth	49
	3	M/S Punchy	49
	4	M/S Loud	49
	5	M/S Hard	49
	6	M/S Limiter	49
	7	M/S CompSat1	49
	8	M/S CompSat2	49
	9	M/S CompSat3	49
	10	M/S LimitSat1	49
	11	M/S LimitSat2	49
	12	M/S LimitSat3	49

Mic EQ Type List

Mic EQ

Type No.	Type Name
1	Thru
2	DSU50 Basic
3	DSU50 Pop
4	DSU50 Rock
5	DSU50 Lo-Fi
6	DSU50 V-shape
7	Talk
8	Vocal
9	DSU50 OH
10	DSU50 Room
11	MultiMic Kick
12	MultiMic Snare
13	MultiMic HH
14	MultiMic Overhead
15	MultiMic Room

Mic TranComp Type List

Mic TranComp

Type No.	Type Name
1	Thru
2	DSU50 Basic
3	DSU50 Pop
4	DSU50 Rock
5	DSU50 Rock Limiter
6	DSU50 Lo-Fi
7	DSU50 V-shape
8	DSU50 EAD10
9	DSU50 NeoEAD10
10	Talk
11	Vocal
12	DSU50 OH
13	DSU50 OH Limiter
14	DSU50 Room
15	DSU50 Room Limiter
16	MultiMic Kick
17	MultiMic Snare
18	MultiMic HH
19	MultiMic Overhead
20	MultiMic Room

Inst EQ Type List

Inst EQ

Type No.	Type Name
1	Thru
2	Kick Aco
3	Kick Ele
4	Snare Aco
5	Snare Ele
6	Clap
7	Tom Aco
8	Tom Ele
9	HH Aco
10	HH Ele
11	Cymbal Aco
12	Cymbal Ele
13	Perc Metal
14	Perc Wood

InstTranComp Type List

InstTranComp

Type No.	Type Name
1	Thru
2	Kick Aco Soft
3	Kick Aco Hard
4	Kick Aco Limiter
5	Kick Ele Soft
6	Kick Ele Hard
7	Kick Ele Limiter
8	Snare Aco Soft
9	Snare Aco Hard
10	Snare Aco Limiter
11	Snare Ele Soft
12	Snare Ele Hard
13	Snare Ele Limiter
14	Clap
15	Tom Aco
16	Tom Ele
17	HH Aco
18	HH Ele
19	Cymbal Aco
20	Cymbal Ele
21	Perc Metal
22	Perc Wood

Phones EQ Type List

Phones EQ

Type No.	Type Name
1	Thru
2	Treble Booster1
3	Treble Booster2
4	Treble Booster3
5	Treble Reducer
6	Bass Booster
7	Bass Reducer1
8	Bass Reducer2
9	V-shape
10	Clear1
11	Clear2
12	MT8 Perspective
13	Perspective1
14	Perspective2

Effect Parameter List

Reverb

Parameter Table No.	No.	Parameter	Range	Value
1	1	Reverb Time	0.3s - 30.0s	0 - 69
	2	Room Size	0 - 4	0 - 4
	3	High Ratio	0.0 - 1.0	0 - 10
	4	High Damp Frequency	1.0kHz - 20.0kHz	34 - 60
	5	Initial Delay	0.1ms - 200.0ms	0 - 127
	6	EQ Low Frequency	22Hz - 1.0kHz	1 - 34
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ High Frequency	500Hz - 18.0kHz	28 - 59
	9	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
2	1	Reverb Time	0.3s - 30.0s	0 - 69
	2	Plate Type	0 - 2	0 - 2
	3	High Ratio	0.0 - 1.0	0 - 10
	4	High Damp Frequency	1.0kHz - 20.0kHz	34 - 60
	5	Initial Delay	0.1ms - 200.0ms	0 - 127
	6	EQ Low Frequency	22Hz - 1.0kHz	1 - 34
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ High Frequency	500Hz - 18.0kHz	28 - 59
	9	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
3	1	Reverb Time	0.3s - 18.0s or 10.0s	0 - 69
	2	Room Size	0 - 31	0 - 31
	3	Low Ratio	0.1 - 1.4	1 - 14
	4	High Ratio	0.1 - 1.0	1 - 10
	5	Diffusion	0 - 10	0 - 10
	6	Decay	0 - 63	0 - 63
	7	Initial Delay	0.1ms - 200.0ms	0 - 127
	8	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	9	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
4	1	Reverb Time	0.3s - 30.0s	0 - 69
	2	Diffusion	0 - 10	0 - 10
	3	Initial Delay	0.1ms - 200.0ms	0 - 127
	4	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	5	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	6	ER/Rev Balance	E63>R - E=R - E<R63	1 - 127
	7	Reverb Delay	0.1ms - 200.0ms	0 - 127
	8	Density	0 - 4	0 - 4
	9	Feedback Level	-63 - 0 - +63	1 - 127
	10	Feedback High Damp	0.1 - 1.0	1 - 10
5	1	Reverb Time	0.35s - 5.00s	4 - 69
	2	Room Size	0 - 3	0 - 3
	3	Low Ratio	0.1 - 1.4	1 - 14
	4	Low Ratio Frequency	100Hz - 8.0kHz	14 - 52
	5	High Ratio	0.1 - 1.0	1 - 10
	6	Initial Delay	0.1ms - 100.0ms	0 - 127
	7	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	8	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
6	1	Reverb Time	0.3s - 30.0s	0 - 69
	2	Diffusion	0 - 10	0 - 10
	3	Initial Delay	0.1ms - 200.0ms	0 - 127
	4	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	5	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	6	ER/Rev Balance	E63>R - E=R - E<R63	1 - 127
	7	Reverb Delay	0.1ms - 200.0ms	0 - 127
	8	Density	0 - 4	0 - 4
	9	Space Type	0 - 1	0 - 1
	10	Width	0.5m - 30.2m	0 - 104
	11	Height	0.5m - 30.2m	0 - 104
	12	Depth	0.5m - 30.2m	0 - 104
	13	Wall Vary	0 - 30	0 - 30
	14	Feedback Level	-63 - 0 - +63	1 - 127
	15	Feedback High Damp	0.1 - 1.0	1 - 10
7	1	Main Time	0% - 100%	0 - 100
	2	Room Size	0% - 100%	0 - 100
	3	High Cut	50Hz - 20kHz	0 - 127
	4	Pre Delay	0ms - 500ms	0 - 127
	5	ER/Tail	0% - 100%	0 - 100
	6	ER Type	Off, Hall, Chamber, Studio	0 - 3
	7	ER Size	0% - 100%	0 - 100
	8	ER Low Cut	20Hz - 1kHz	0 - 127
	9	Tail Delay	0ms - 500ms	0 - 127
	10	Shape	0% - 100%	0 - 100
	11	Density	0% - 100%	0 - 100
	12	Width	0% - 100%	0 - 100
	13	Control Low Time	-100% - 0% - 100%	0 - 100
	14	Control Low Frequency	20Hz - 2kHz	0 - 127
	15	Control High Time	-100% - 0% - 100%	0 - 100
	16	Control High Frequency	2kHz - 20kHz	0 - 127
	17	Modulation Rate	0.01Hz - 1.00Hz	1 - 100
	18	Modulation Depth	0% - 100%	0 - 100
8	1	Reverb Time	0.1s - 100.0s, ∞s	0 - 280
	2	Size	0 - 10	0 - 10
	3	Color	0.000 - 1.000	0 - 1000

Parameter Table No.	No.	Parameter	Range	Value
	4	Diffusion	0.100 - 1.000	100 - 1000
	5	Pre Delay	0.1ms - 100ms - 500ms	0 - 965
	6	Shimmer Gain	-∞dB, -60.0dB - 0.0dB	0 - 536
	7	Shimmer Feedback	0.000 - 0.990	0 - 990
	8	Pitch1	-24 - 0 - +24	0 - 48
	9	Fine1	-100 - 0 - +100	0 - 200
	10	Pitch2	-24 - 0 - +24	0 - 48
	11	Fine2	-100 - 0 - +100	0 - 200
	12	Pitch1/2 Balance	P1 1.000>P2 - P1=P2 - P1<P2 1.000	0 - 1000
	13	Pitch1&2 Panning	P1 L1.000 (P2 R1.000) - C - P1 R1.000 (P2 L1.000)	0 - 1000
	14	Shimmer HPF Frequency	20.0Hz - 100Hz - 1.00kHz - 2.00kHz	8 - 168
	15	Shimmer LPF Frequency	500Hz - 1.00kHz - 10.0 kHz - 20.0kHz	120 - 248
	16	Pitch1&2 Delay Offset	0.000 - 1.000	0 - 1000
	17	Cross Feedback	0.000 - 1.000	0 - 1000
	18	Modulation Speed	0.100 - 1.000	100 - 1000
	19	Modulation Depth	0.000 - 1.000	0 - 1000
	20	Amp Mod Frequency	0.011Hz - 10.01Hz - 100.9Hz - 1.001kHz - 5.469kHz	4 - 1023
	21	Amp Mod Depth	0.000 - 1.000	0 - 1000
	22	Amp Mod Waveform	Triangle, Sine, Square, SawUp, SawDown, Sample&Hold, SmoothSample&Hold	0 - 6
	23	Amp Mod L/R Phase	0deg, 180deg	0 - 1

FX1, FX2, Master FX, Ins1 Mic, Ins2 Mic, Ins Trig, Master Comp

Parameter Table No.	No.	Parameter	Range	Value
1	1	Reverb Time	0.3s - 30.0s	0 - 69
	2	Diffusion	0 - 10	0 - 10
	3	Initial Delay	0.1ms - 99.3ms	0 - 63
	4	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	5	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	6	ER/Rev Balance	E63>R - E=R - E<R63	1 - 127
	7	Reverb Delay	0.1ms - 99.3ms	0 - 63
	8	Density	0 - 4	0 - 4
	9	Feedback Level	-63 - 0 - +63	1 - 127
	10	Feedback High Damp	0.1 - 1.0	1 - 10
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
2	1	Type	TypeA, TypeB	0 - 1
	2	Room Size	0.1 - 20.0	0 - 127
	3	Liveness	0 - 10	0 - 10
	4	Diffusion	0 - 10	0 - 10
	5	Density	0 - 3	0 - 3
	6	Initial Delay	0.1ms - 200ms	0 - 127
	7	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	8	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	9	Feedback Level	-63 - 0 - +63	1 - 127
	10	Feedback High Damp	0.1 - 1.0	1 - 10
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
3	1	Input Select	L, R, L&R, L-Mode2, R-Mode2	0 - 4
	2	Delay Time L>R	0.1ms - 1486.0ms	1 - 14860
	3	Delay Time R>L	0.1ms - 1486.0ms	1 - 14860
	4	Feedback Level	-63 - 0 - +63	1 - 127
	5	Feedback High Damp	0.1 - 1.0	1 - 10
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	9	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	10	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
4	1	Input Select	L, R, L&R, L-Mode2, R-Mode2	0 - 4
	2	Delay Time L>R	32nd/3 - 4thx6	0 - 19
	3	Delay Time R>L	32nd/3 - 4thx6	0 - 19
	4	Feedback Level	-63 - 0 - +63	1 - 127
	5	Feedback High Damp	0.1 - 1.0	1 - 10
	6	Lag	-63ms - 0ms - +63ms	1 - 127
	7	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	8	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	9	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	10	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
5	1	Delay Time	32nd/3 - 4thx6	0 - 19
	2	Feedback Level	-63 - 0 - +63	1 - 127
	3	Feedback High Damp	0.1 - 1.0	1 - 10
	4	L/R Diffusion	-63ms - 0ms - +63ms	1 - 127
	5	Lag	-63ms - 0ms - +63ms	1 - 127
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	9	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	10	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
6	1	Delay Time	32nd/3 - 4thx6	0 - 19
	2	Feedback Level	-63 - 0 - +63	1 - 127
	3	Feedback High Damp	0.1 - 1.0	1 - 10
	4	L/R Diffusion	-63ms - 0ms - +63ms	1 - 127
	5	Lag	-63ms - 0ms - +63ms	1 - 127
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	9	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	10	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
7	1	Delay Time	0.1ms - 1486.0ms	1 - 14860
	2	Delay Transition Rate	1 - 48	1 - 48
	3	Feedback Level	-63 - 0 - +63	1 - 127
	4	Feedback High Damp	0.1 - 1.0	1 - 10
	5	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	6	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	7	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	8	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	9	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
8	1	Delay Time L	0.1ms - 1486.0ms	1 - 14860
	2	Delay Time R	0.1ms - 1486.0ms	1 - 14860
	3	Feedback Time L	0.1ms - 1486.0ms	1 - 14860

Parameter Table No.	No.	Parameter	Range	Value	
	4	Feedback Time R	0.1ms - 1486.0ms	1 - 14860	
	5	Feedback Level	-63 - 0 - +63	1 - 127	
	6	Feedback High Damp	0.1 - 1.0	1 - 10	
	7	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	8	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	9	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	10	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
	9	1	Delay Time L	0.1ms - 1638.3ms	1 - 16383
		2	Delay Time R	0.1ms - 1638.3ms	1 - 16383
		3	Delay Time C	0.1ms - 1638.3ms	1 - 16383
4		Delay Level C	0 - 127	0 - 127	
5		Feedback Time	0.1ms - 1638.3ms	1 - 16383	
6		Feedback Level	-63 - 0 - +63	1 - 127	
7		Feedback High Damp	0.1 - 1.0	1 - 10	
8		EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
9		EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
10		EQ High Frequency	500Hz - 16.0kHz	28 - 58	
11		EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
12		Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
10	1	Type	Mellow, Dub, Narrow, Soft, Dark	0 - 4	
	2	Delay Time	25ms - 800ms	0 - 127	
	3	Feedback Level	0 - 127	0 - 127	
	4	Delay Input Level	0 - 127	0 - 127	
	5	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
11	1	Type	Urban, Dub, Narrow, Soft, Dark	0 - 4	
	2	Delay Time	50ms - 1.0s	0 - 127	
	3	Feedback Level	0 - 127	0 - 127	
	4	Delay Input Level	0 - 127	0 - 127	
	5	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
12	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127	
	2	Pitch Mod Depth	0 - 127	0 - 127	
	3	Feedback Level	-63 - 0 - +63	1 - 127	
	4	Delay Offset	0.0ms - 50.0ms	0 - 127	
	5	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	6	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	7	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	8	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76	
	9	EQ Mid Width	0.1 - 12.0	1 - 120	
	10	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	11	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
	12	Input Mode	Mono, Stereo	0 - 1	
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
13	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127	
	2	Amp Mod Depth	0 - 127	0 - 127	
	3	Pitch Mod Depth	0 - 127	0 - 127	
	4	Feedback Level	-63 - 0 - +63	1 - 127	
	5	Delay Offset	0.0ms - 50.0ms	0 - 127	
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	8	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	9	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76	
	10	EQ Mid Width	0.1 - 12.0	1 - 120	
	11	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	12	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
	13	Input Mode	Mono, Stereo	0 - 1	
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
14	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127	
	2	LFO Depth	0 - 127	0 - 127	
	3	Feedback Level	-63 - 0 - +63	1 - 127	
	4	Delay Offset	0.0ms - 50.0ms	0 - 127	
	5	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	6	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	7	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	8	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76	
	9	EQ Mid Width	0.1 - 12.0	1 - 120	
	10	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	11	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
	12	Input Mode	Mono, Stereo	0 - 1	
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
15	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127	
	2	LFO Depth	0 - 127	0 - 127	
	3	Delay Offset	0.0ms - 50.0ms	0 - 127	
	4	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	5	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	6	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	7	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76	

Parameter Table No.	No.	Parameter	Range	Value
	8	EQ Mid Width	0.1 - 12.0	1 - 120
	9	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	10	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
16	1	Detune	-50cent - 0cent - +50cent	14 - 114
	2	Initial Delay L	0.0ms - 50.0ms	0 - 127
	3	Initial Delay R	0.0ms - 50.0ms	0 - 127
	4	Spread	0 - 63	0 - 63
	5	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	6	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	7	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	8	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	9	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
17	1	Type	1 - 3	0 - 2
	2	Speed	0.040Hz - 10.00Hz	0 - 235
	3	Depth	0 - 127	0 - 127
	4	Manual	0 - 127	0 - 127
	5	Feedback	0 - 127	0 - 127
	6	Spread	0 - 127	0 - 127
	7	Mix	0 - 127	0 - 127
18	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127
	2	LFO Depth	0 - 127	0 - 127
	3	LFO Waveform	Triangle, Sine, Random	0 - 2
	4	Delay Offset	0.09ms - 36.21ms	0 - 139
	5	Feedback Level	-100% - 0% - +100%	0 - 200
	6	Feedback High Damp	0.1 - 1.0	1 - 10
	7	Modulation Phase	-180 - 0 - +180	0 - 16
	8	Analog Feel	0 - 10	0 - 10
	9	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	10	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	11	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54
	12	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76
	13	EQ Mid Width	0.1 - 12.0	1 - 120
	14	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	15	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	16	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
19	1	LFO Speed	16th - 4thx16	5 - 29
	2	LFO Depth	0 - 127	0 - 127
	3	LFO Phase Difference	-180deg - 0deg - +180deg	4 - 124
	4	Delay Offset	0.0ms - 50.0ms	0 - 127
	5	Feedback Level	-63 - 0 - +63	1 - 127
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54
	9	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76
	10	EQ Mid Width	0.1 - 12.0	1 - 120
	11	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	12	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
20	1	Sensitivity	0 - 127	0 - 127
	2	Delay Offset	0 - 127	0 - 127
	3	Feedback Level	-63 - 0 - +63	1 - 127
	4	Attack Time	0.3ms - 227ms	0 - 127
	5	Release Time	2.6ms - 2171ms	0 - 127
	6	Release Curve	0 - 127	0 - 127
	7	Direction	Up, Down	0 - 1
	8	Dyna Threshold Level	0 - 127	0 - 127
	9	Dyna Level Offset	0 - 127	0 - 127
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	12	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	13	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
21	1	Type	1 - 3	0 - 2
	2	Flanger Control	0 - 127	0 - 127
	3	Feedback	0 - 127	0 - 127
	4	Bottom	0 - 127	0 - 127
	5	Top	0 - 127	0 - 127
	6	Spread	0 - 127	0 - 127
	7	Mix	0 - 127	0 - 127
22	1	LFO Frequency	0.00Hz - 39.7Hz	0 - 127
	2	LFO Depth	0 - 127	0 - 127
	3	LFO Phase Difference	-180deg - 0deg - +180deg	4 - 124
	4	Delay Offset	0.0ms - 50.0ms	0 - 127
	5	Feedback Level	-63 - 0 - +63	1 - 127
	6	Ambience	0 - 127	0 - 127
	7	Connect Mode	Amb→Flg, Flg→Amb	0 - 1

Parameter Table No.	No.	Parameter	Range	Value
23	8	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
	1	Stage	4, 6, 8, 10, 12, 16	0 - 5
	2	Speed	0.100Hz - 10.00Hz	0 - 252
	3	Manual	0 - 127	0 - 127
	4	Depth	0 - 127	0 - 127
	5	Feedback	0 - 127	0 - 127
	6	Mode	1, 2, 3	0 - 2
24	7	Color	0 - 127	0 - 127
	1	Stage	4, 6, 8, 10	0 - 3
	2	Speed	0.100Hz - 10.00Hz	0 - 252
	3	Manual	0 - 127	0 - 127
	4	Depth	0 - 127	0 - 127
	5	Feedback	0 - 127	0 - 127
	6	Mode	1, 2	0 - 1
	7	Color	0 - 127	0 - 127
25	8	Spread	0 - 127	0 - 127
	1	Stage	4 - 22	4 - 22
	2	LFO Speed	16th - 4thx16	5 - 29
	3	Phase Shift Offset	0 - 127	0 - 127
	4	LFO Depth	0 - 127	0 - 127
	5	Feedback Level	-63 - 0 - +63	1 - 127
	6	Diffusion	Mono, Stereo	0 - 1
	7	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	8	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	9	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	10	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
26	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
	1	Stage	4, 5, 6	4 - 6
	2	Sensitivity	0 - 127	0 - 127
	3	Dyna Level Offset	0 - 127	0 - 127
	4	Feedback Level	-63 - 0 - +63	1 - 127
	5	Attack Time	0.3ms - 227ms	0 - 127
	6	Release Time	2.6ms - 2171ms	0 - 127
	7	Release Curve	0 - 127	0 - 127
	8	Direction	Up, Down	0 - 1
	9	Dyna Threshold Level	0 - 127	0 - 127
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	12	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	13	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
27	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
	1	Stage	4, 6, 8, 10	0 - 3
	2	Phase Control	0 - 127	0 - 127
	3	Feedback	0 - 127	0 - 127
	4	Mode	1, 2	0 - 1
	5	Color	0 - 127	0 - 127
	6	Bottom	0 - 127	0 - 127
	7	Top	0 - 127	0 - 127
28	8	Spread	0 - 127	0 - 127
	1	Pan Direction	L<>R, L>>R, L<<R, L Turn, R Turn, L/R	0 - 5
	2	LFO Speed	0.0Hz - 39.70Hz	0 - 127
	3	LFO Waveform	0 - 28	0 - 28
	4	L/R Depth	0 - 127	0 - 127
	5	F/R Depth	0 - 127	0 - 127
	6	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	7	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	8	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54
	9	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76
	10	EQ Mid Width	0.1 - 12.0	1 - 120
	11	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	12	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
29	13	Input Mode	Mono, Stereo	0 - 1
	1	LFO Speed	0.0Hz - 39.70Hz	0 - 127
	2	LFO Phase Difference	-180deg - 0deg - +180deg	4 - 124
	3	Amp Mod Depth	0 - 127	0 - 127
	4	Pitch Mod Depth	0 - 127	0 - 127
	5	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	6	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	7	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54
	8	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76
	9	EQ Mid Width	0.1 - 12.0	1 - 120
	10	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	11	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
30	12	Input Mode	Mono, Stereo	0 - 1
	1	Speed Control	Slow, Fast	0 - 1
	2	Rotor/Horn Balance	R63>H - R=H - R<H63	1 - 127
	3	Mic L/R Angle	0deg - 180deg	0 - 60

Parameter Table No.	No.	Parameter	Range	Value	
	4	Drive Rotor	0 - 127	0 - 127	
	5	Drive Horn	0 - 127	0 - 127	
	6	Rotor Speed Slow	0.0Hz - 2.65Hz	0 - 63	
	7	Horn Speed Slow	0.0Hz - 2.65Hz	0 - 63	
	8	Rotor Speed Fast	2.69Hz - 39.70Hz	64 - 127	
	9	Horn Speed Fast	2.69Hz - 39.70Hz	64 - 127	
	10	Slow-Fast Time of Rotor	0 - 127	0 - 127	
	11	Slow-Fast Time of Horn	0 - 127	0 - 127	
	12	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	13	EQ Low Gain	-12dB - 0dB - + 12dB	52 - 76	
	14	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	15	EQ High Gain	-12dB - 0dB - + 12dB	52 - 76	
	31	1	Speed Control	Slow, Fast	0 - 1
		2	Rotor/Horn Balance	R63>H - R=H - R<H63	1 - 127
		3	Mic L/R Angle	0deg, 90deg, 120deg, 180deg	0 - 3
4		Tone	0.0 - 10.0	0 - 100	
5		Drive	0.0 - 10.0	0 - 100	
6		Modulation Depth	0 - 63	0 - 63	
7		Input Level	-6dB - 0dB - +6dB	52 - 76	
8		Output Level	0 - 127	0 - 127	
9		Rotor Speed Slow	0.0rpm - 88.3rpm	0 - 127	
10		Horn Speed Slow	0.0rpm - 89.6rpm	0 - 127	
11		Rotor Speed Fast	189.3rpm - 736.8rpm	1 - 127	
12		Horn Speed Fast	209.4rpm - 817.6rpm	1 - 127	
13		Slow-Fast Time of Rotor	x0.21 - x1.00 - x2.00	14 - 127	
14		Fast-Slow Time of Rotor	x0.21 - x1.00 - x2.00	14 - 127	
15		Slow-Fast Time of Horn	x0.21 - x1.00 - x2.00	14 - 127	
16		Fast-Slow Time of Horn	x0.21 - x1.00 - x2.00	14 - 127	
32	1	Overdrive	0% - 100%	0 - 100	
	2	Device	Transistor, VintageTube, Distortion1, Distortion2, Fuzz	0 - 4	
	3	Speaker Type	Flat, Stack, Combo, Twin, Radio, Megaphone	0 - 5	
	4	Presence	-10 - 0 - +10	0 - 20	
	5	Output Level	0% - 100%	0 - 100	
	6	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
33	1	Overdrive	0 - 127	0 - 127	
	2	Amp Type	Off, Stack, Combo, Tube, Crunch, Hi-Gain, British	0 - 6	
	3	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60	
	4	Output Level	0 - 127	0 - 127	
	5	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
34	1	Overdrive	0 - 127	0 - 127	
	2	Edge	0 - 127	0 - 127	
	3	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60	
	4	Output Level	0 - 127	0 - 127	
	5	Threshold	-48dB - -6dB	79 - 121	
	6	Ratio	1.0 - 20.0	0 - 7	
	7	Attack	1ms - 40ms	0 - 19	
	8	Release	10ms - 680ms	0 - 15	
	9	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	10	EQ Low Gain	-12dB - 0dB - + 12dB	52 - 76	
	11	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	12	EQ Mid Gain	-12dB - 0dB - + 12dB	52 - 76	
	13	EQ Mid Width	0.1 - 12.0	1 - 120	
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
35	1	Overdrive	0% - 100%	0 - 100	
	2	Device	Transistor, VintageTube, Distortion1, Distortion2, Fuzz	0 - 4	
	3	Speaker Type	Flat, Stack, Combo, Twin, Radio, Megaphone	0 - 5	
	4	Presence	-10 - 0 - +10	0 - 20	
	5	Output Level	0% - 100%	0 - 100	
	6	Compress	-48dB - -6dB	79 - 121	
	7	Delay Mix	0 - 127	0 - 127	
	8	Delay Time L	0.1ms - 1638.3ms	1 - 16383	
	9	Delay Time R	0.1ms - 1638.3ms	1 - 16383	
	10	Feedback Time	0.1ms - 1638.3ms	1 - 16383	
	11	Feedback Level	-63 - 0 - +63	1 - 127	
	12	Feedback High Damp	0.1 - 1.0	1 - 10	
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
36	1	Gain Boost	Low, High	0 - 1	
	2	Volume	0.0 - 10.0	0 - 100	
	3	Balance	0.0 - 10.0	0 - 100	
	4	Low Cut	0.0 - 10.0	0 - 100	
	5	Mid Cut	0.0 - 10.0	0 - 100	
	6	Mid Sweep	0.0 - 10.0	0 - 100	
	7	Mid Width	0.0 - 10.0	0 - 100	
	8	High Cut	0.0 - 10.0	0 - 100	
	9	Presence	0.0 - 10.0	0 - 100	
	10	Output Level	0 - 127	0 - 127	
	11	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0 - 10	

Parameter Table No.	No.	Parameter	Range	Value
37	12	Speaker Air	0 - 2	0 - 2
	13	Mic Position	Center, Edge	0 - 1
	1	Volume	0.0 - 10.0	0 - 100
	2	Bass	0.0 - 10.0	0 - 100
	3	Middle	0.0 - 10.0	0 - 100
	4	Treble	0.0 - 10.0	0 - 100
	5	High Treble	0.0 - 10.0	0 - 100
	6	Distortion	Off, 0.1 - 10.0	0 - 100
	7	Output Level	0 - 127	0 - 127
	8	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0 - 10
	9	Speaker Air	0 - 2	0 - 2
	10	Mic Position	Center, Edge	0 - 1
	11	Chorus	Off, Chorus, Vibrato	0 - 2
	12	Depth	0.0 - 10.0	0 - 100
38	13	Vibrato Speed	0.0 - 10.0	0 - 100
	14	Panning	0.0 - 10.0	0 - 100
	1	Type	Raw1, Vintage1, Modern1, Raw2, Vintage2, Modern2	0 - 5
	2	Gain	0.0 - 10.0	0 - 100
	3	Bass	0.0 - 10.0	0 - 100
	4	Middle	0.0 - 10.0	0 - 100
	5	Treble	0.0 - 10.0	0 - 100
	6	Presence	0.0 - 10.0	0 - 100
	7	Master Volume	0.0 - 10.0	0 - 100
	8	Output Level	0 - 127	0 - 127
	9	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0 - 10
39	10	Speaker Air	0 - 2	0 - 2
	11	Mic Position	Center, Edge	0 - 1
	1	Type	Crunch, Hi-Gain, Lead	0 - 2
	2	Tone Shift	Normal, Loose, Tight	0 - 2
	3	Preamp	0.0 - 10.0	0 - 100
	4	Bass	0.0 - 10.0	0 - 100
	5	Middle	0.0 - 10.0	0 - 100
	6	Treble	0.0 - 10.0	0 - 100
	7	Presence	0.0 - 10.0	0 - 100
	8	Master Volume	0.0 - 10.0	0 - 100
	9	Output Level	0 - 127	0 - 127
	40	10	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8
11		Speaker Air	0 - 2	0 - 2
12		Mic Position	Center, Edge	0 - 1
1		Comp Sustain	Off, 0.1 - 10.0	0 - 100
2		Wah Switch	Off, WahPedal, Auto+ Full, Auto+ Mid, Auto+ Light, Auto- Full, Auto- Mid, Auto- Light	0 - 7
3		Wah Pedal	0 - 127	0 - 127
4		LFO Speed	0.100Hz - 9.925Hz	0 - 127
5		Distortion Switch	Off, Overdrive, Distortion1, Distortion2, Clean, Crunch, Hi-Gain, Modern	0 - 7
6		Distortion Drive	0.0 - 10.0	0 - 100
7		Distortion EQ	HighBoost, MidBoost, MidCut1, MidCut2, MidCut3, LowCut1, LowCut2, HighCut, High/Low	0 - 8
8		Distortion Tone	0.0 - 10.0	0 - 100
9		Distortion Presence	0.0 - 10.0	0 - 100
10		Output Level	0 - 127	0 - 127
11		Speaker Type	Off, Stack, Twin, Tweed, Oldies, Modern, Mean, Soft, Small, Dip1, Dip2, Metal, Light	0 - 12
41		12	Phaser Switch	Off, Standard, Wide, Vibe, Tremolo
	13	Delay Switch	Off, Delay M, Echo1 M, Echo2 M, Chorus M, DelayChorus M, Flanger1 M, Flanger2 M, Flanger3 M, Delay S, Echo1 S, Echo2 S, Chorus S, DelayChorus S, Flanger1 S, Flanger2 S, Flanger3 S	0 - 16
	14	Delay Control	0 - 127	0 - 127
	15	Delay Time	0 - 127	0 - 127
	1	Comp Switch	Off, On	0 - 1
42	2	Comp Sustain	0.0 - 10.0	0 - 100
	3	Comp Level	0.0 - 10.0	0 - 100
	4	Distortion Type	Overdrive, Distortion1, Distortion2, Clean, Crunch, Hi-Gain, Modern	1 - 7
	5	Distortion Drive	0.0 - 10.0	0 - 100
	6	Distortion EQ	HighBoost, MidBoost, MidCut1, MidCut2, MidCut3, LowCut1, LowCut2, HighCut, High/Low	0 - 8
	7	Distortion Tone	0.0 - 10.0	0 - 100
	8	Distortion Presence	0.0 - 10.0	0 - 100
	9	Output Level	0 - 127	0 - 127
	10	Speaker Type	Off, Stack, Twin, Tweed, Oldies, Modern, Mean, Soft, Small, Dip1, Dip2, Metal, Light	0 - 12
	43	1	Mode	Bright, TopBoost
2		Normal	0.0 - 10.0	0 - 100
3		Brilliant	0.0 - 10.0	0 - 100
4		Bass	0.0 - 10.0	0 - 100
5		Treble	0.0 - 10.0	0 - 100
6		Cut	0.0 - 10.0	0 - 100
7		Output Level	0 - 127	0 - 127
8		Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0 - 10
9		Speaker Air	0 - 2	0 - 2
10		Mic Position	Center, Edge	0 - 1
43	1	Sensitivity	High, Low	0 - 1
	2	Preamp	0.0 - 10.0	0 - 100

Parameter Table No.	No.	Parameter	Range	Value	
	3	Bass	0.0 - 10.0	0 - 100	
	4	Middle	0.0 - 10.0	0 - 100	
	5	Treble	0.0 - 10.0	0 - 100	
	6	Presence	0.0 - 10.0	0 - 100	
	7	Master Volume	0.0 - 10.0	0 - 100	
	8	Output Level	0 - 127	0 - 127	
	9	Speaker Type	Off, BS 4x12, AC 2x12, AC 1x12, AC 4x10, BC 2x12, AM 4x12, YC 4x12, JC 2x12, OC 2x12, OC 1x8	0 - 10	
	10	Speaker Air	0 - 2	0 - 2	
	11	Mic Position	Center, Edge	0 - 1	
	44	1	Input Level	-∞dB - 0.00dB	0 - 200
		2	Output Level	-∞dB - 0.00dB	0 - 200
3		Ratio	2, 4, 8, 12, 20	0 - 4	
4		Attack	0.022ms - 50.40ms	0 - 200	
5		Release	10.88ms - 544.22ms	0 - 200	
45	1	Low Threshold	-54dB - -6dB	73 - 121	
	2	Low Ratio	1.0 - 20.0	0 - 7	
	3	Low Attack	1ms - 200ms	0 - 29	
	4	Low Gain	-∞dB - 0dB - +18dB	0 - 55	
	5	Mid Threshold	-54dB - -6dB	73 - 121	
	6	Mid Ratio	1.0 - 20.0	0 - 7	
	7	Mid Attack	1ms - 200ms	0 - 29	
	8	Mid Gain	-∞dB - 0dB - +18dB	0 - 55	
	9	High Threshold	-54dB - -6dB	73 - 121	
	10	High Ratio	1.0 - 20.0	0 - 7	
	11	High Attack	1ms - 200ms	0 - 29	
	12	High Gain	-∞dB - 0dB - +18dB	0 - 55	
	13	Common Release	10ms - 3000ms	0 - 23	
	14	Divide Frequency Low	16Hz - 20kHz	0 - 124	
	15	Divide Frequency High	16Hz - 20kHz	0 - 124	
46	1	Threshold	-60.0dB - 0.0dB	0 - 120	
	2	Ratio	1.00 - ∞	0 - 127	
	3	Attack	0.01ms - 80ms	0 - 127	
	4	Release	6.25ms - 999.0ms	0 - 127	
	5	Makeup Gain	-20.0dB - 0.0dB - +40.0dB	0 - 120	
	6	Knee	0 - 8	0 - 8	
	7	Side Chain EQ Switch	Off, On	0 - 1	
	8	Side Chain EQ Frequency	11.89Hz - 17.78kHz	0 - 127	
	9	Side Chain EQ Gain	-30.0dB - 0.0dB - +30.0dB	0 - 120	
	10	Side Chain EQ Q	0.1 - 10.0	0 - 126	
	11	Post Comp HPF	Off, 1.04Hz - 80.35Hz	0 - 127	
	12	Clipper	Off, 1 - 100	0 - 100	
	13	Clipper Source	Dry+Wet, Wet	0 - 1	
	14	Output Level	-20.0dB - 0.0dB - +40.0dB	0 - 120	
	15	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
47	1	Threshold	-60.0dB - 0.0dB	0 - 120	
	2	Ratio	1 - ∞	0 - 127	
	3	Attack	0.01ms - 80ms	0 - 127	
	4	Release	6.25ms - 999.0ms	0 - 127	
	5	Gain Limit	0.0dB - +12.0dB	0 - 120	
	6	Makeup Gain	-20.0dB - 0.0dB - +20.0dB	0 - 80	
	7	Knee	0 - 8	0 - 8	
	8	Side Chain EQ Switch	Off, On	0 - 1	
	9	Side Chain EQ Frequency	11.89Hz - 17.78kHz	0 - 127	
	10	Side Chain EQ Gain	-30.0dB - 0.0dB - +30.0dB	0 - 120	
	11	Side Chain EQ Q	0.1 - 10.0	0 - 126	
	12	Post Comp HPF	Off, 1.04Hz - 80.35Hz	0 - 127	
	13	Clipper	Off, 1 - 100	0 - 100	
	14	Clipper Source	Dry+Wet, Wet	0 - 1	
	15	Output Level	-20dB - 0dB - +40dB	0 - 120	
	16	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
48	1	Type	Natural, Rich, Punchy, Electronic, Loud	0 - 4	
	2	Compression	0 - 100	0 - 100	
	3	Texture	0 - 100	0 - 100	
	4	Input Level	-18.0dB - 0.0dB - +18.0dB	0 - 120	
	5	Output Level	-18.0dB - 0.0dB - +18.0dB	0 - 120	
49	1	M/S Balance	M100>S - M=S - M<S100	0 - 200	
	2	Mid Gain	-∞dB - 0.0dB - +24.0dB	0 - 127	
	3	Side Gain	-∞dB - 0.0dB - +24.0dB	0 - 127	
	4	Compressor Type	Off, Natural, Smooth, Attack, Loud, Hard, Limiter, CompSat1, CompSat2, CompSat3, LimitSat1, LimitSat2, LimitSat3	0 - 12	
	5	Mid Threshold	-60.0dB - 0.0dB	0 - 120	
	6	Mid Compressor Curve	0 - 100	0 - 100	
	7	Mid Makeup Gain	-20.0dB - 0.0dB - +20.0dB	0 - 80	
	8	Side Threshold	-60.0dB - 0.0dB	0 - 120	
	9	Side Compressor Curve	0 - 100	0 - 100	
	10	Side Makeup Gain	-20.0dB - 0.0dB - +20.0dB	0 - 80	
	11	Mid EQ Low Frequency	16.0Hz - 100Hz - 1.00kHz - 10.0kHz	0 - 224	

Parameter Table No.	No.	Parameter	Range	Value
	12	Mid EQ Low Gain	-18.0dB - 0.0dB - +18.0dB	20 - 380
	13	Mid EQ Low Q	LSF, 0.100 - 16.082	0 - 140
	14	Mid EQ High Frequency	400Hz - 1.00kHz - 10.0kHz - 16.0kHz	112 - 240
	15	Mid EQ High Gain	-18.0dB - 0.0dB - +18.0dB	20 - 380
	16	Mid EQ High Q	HSF, 0.100 - 16.082	0 - 140
	17	Side EQ Low Frequency	16.0Hz - 100Hz - 1.00kHz - 10.0kHz	0 - 224
	18	Side EQ Low Gain	-18.0dB - 0.0dB - +18.0dB	20 - 380
	19	Side EQ Low Q	LSF, 0.100 - 16.082	0 - 140
	20	Side EQ High Frequency	400Hz - 1.00kHz - 10.0kHz - 16.0kHz	112 - 240
	21	Side EQ High Gain	-18.0dB - 0.0dB - +18.0dB	20 - 380
	22	Side EQ High Q	HSF, 0.100 - 16.082	0 - 140
		23	M/S EQ Position	Pre/Pre, Pre/Post, Post/Pre, Post/Post, Pre/LowCut→Pre, Pre/LowCut→Post, Post/LowCut→Pre, Post/LowCut→Post
24		Stereo Expander	Bypass, 1 - 10	0 - 10
50	1	Speed	0.100Hz - 20.00Hz	0 - 254
	2	Type	High, Mid, Low, Bass	0 - 3
	3	Resonance Offset	-12.0 - 0.0 - +12.0	40 - 88
	4	Overdrive	0.0dB - +40.0dB	0 - 80
	5	Bottom	0 - 127	0 - 127
	6	Top	0 - 127	0 - 127
	7	LFO Waveform	Sine, Trapezoid	0 - 1
	8	Output	-20.0dB - +10.0dB	24 - 84
51	1	Sensitivity	0 - 127	0 - 127
	2	Type	High, Mid, Low, Bass	0 - 3
	3	Resonance Offset	-12.0 - 0.0 - +12.0	40 - 88
	4	Overdrive	0.0dB - +40.0dB	0 - 80
	5	Attack Offset	-5 - 0 - +5	59 - 69
	6	Bottom	0 - 127	0 - 127
	7	Top	0 - 127	0 - 127
	8	Direction	Up, Down	0 - 1
	9	Output	-20.0dB - +10.0dB	24 - 84
52	1	Pedal Control	0 - 127	0 - 127
	2	Type	High, Mid, Low, Bass	0 - 3
	3	Resonance Offset	-12.0 - 0.0 - +12.0	40 - 88
	4	Overdrive	0.0dB - +40.0dB	0 - 80
	5	Bottom	0 - 127	0 - 127
	6	Top	0 - 127	0 - 127
	7	Direction	Up, Down	0 - 1
	8	Output	-20.0dB - +10.0dB	24 - 84
53	1	Sampling Freq Control	44.1KHz - 344.5Hz	0 - 127
	2	Word Length	1 - 127	1 - 127
	3	Bit Assign	0 - 6	0 - 6
	4	Pre LPF Cutoff Freq	63Hz - 20.0kHz	10 - 60
	5	Pre LPF Resonance	1.0 - 12.0	10 - 120
	6	Filter Type	Thru, PowerBass, Radio, Telephone, Clean, Low	0 - 5
	7	Emphasis	Off, On	0 - 1
	8	Input Mode	Mono, Stereo	0 - 1
	9	Output Level	-6dB - +36dB	0 - 42
	10	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
54	1	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	2	LPF Resonance	1.0 - 12.0	10 - 120
	3	EQ Frequency	100Hz - 10.0kHz	14 - 54
	4	EQ Gain	-12dB - 0dB - +12dB	52 - 76
	5	EQ Width	1.0 - 12.0	10 - 120
	6	Drive	0 - 127	0 - 127
	7	Mod Mix Balance	1 - 127	1 - 127
	8	Mod Speed	0 - 127	0 - 127
	9	Mod Depth	0 - 10	0 - 10
	10	Mod Feedback	-63 - 0 - +63	1 - 127
	11	Amp Mod Speed	0.00Hz - 39.7Hz	0 - 127
	12	Amp Mod Depth	0 - 127	0 - 127
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
55	1	Noise Level	0 - 127	0 - 127
	2	Noise Tone	0 - 6	0 - 6
	3	Noise LPF Cutoff Freq	1.0kHz - 20.0kHz	34 - 60
	4	Noise LPF Q	1.0 - 12.0	10 - 120
	5	Noise Mod Speed	0.00Hz - 39.7Hz	0 - 127
	6	Noise Mod Depth	0 - 127	0 - 127
	7	Click Level	0 - 127	0 - 127
	8	Click Density	0 - 5	0 - 5
	9	Dry Level	0 - 127	0 - 127
	10	Dry LPF Cutoff Freq	1.0kHz - 20.0kHz	34 - 60
	11	Dry Send to Noise	0 - 127	0 - 127
56	1	Crush Type	Soft, Hard	0 - 1
	2	Sample Rate	0 - 100.00	0 - 16383
	3	Bit	1 - 16	1 - 16
	4	M/S	Off, On	0 - 1

Parameter Table No.	No.	Parameter	Range	Value
	5	Side Sample Rate	0 - 100.00	0 - 16383
	6	Side Bit	1 - 16	1 - 16
	7	Sample Rate Link	-1.0 - 0.0 - +1.0	0 - 100
	8	Bit Link	-1.0 - 0.0 - +1.0	0 - 100
	9	Input Level	-19.50dB - 0.00dB - +12.00dB	1 - 127
	10	Output Level	-19.50dB - 0.00dB - +12.00dB	1 - 127
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
57	1	OSC Frequency Coarse	0.5Hz - 5kHz	0 - 127
	2	OSC Frequency Fine	0 - 127	0 - 127
	3	LFO Waveform	Triangle, Sine	0 - 1
	4	LFO Speed	0.0Hz - 39.70Hz	0 - 127
	5	LFO Depth	0 - 127	0 - 127
	6	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	7	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	8	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	9	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	10	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	11	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	12	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
58	1	Sensitivity	0 - 127	0 - 127
	2	Dyna Level Offset	0 - 127	0 - 127
	3	Attack Time	0.3ms - 227ms	0 - 127
	4	Release Time	2.6ms - 2171ms	0 - 127
	5	Release Curve	0 - 127	0 - 127
	6	Direction	Up, Down	0 - 1
	7	Dyna Threshold Level	0 - 127	0 - 127
	8	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	9	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	12	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	13	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
59	1	Sensitivity	0 - 127	0 - 127
	2	Dyna Level Offset	0 - 127	0 - 127
	3	Filter Type	LPF(12dB), LPF(18dB), LPF(24dB), HPF, BPF, BEF	0 - 5
	4	Resonance	-16 - +111	0 - 127
	5	Attack Time	0.3ms - 227ms	0 - 127
	6	Release Time	2.6ms - 2171ms	0 - 127
	7	Release Curve	0 - 127	0 - 127
	8	Direction	Up, Down	0 - 1
	9	Dyna Threshold Level	0 - 127	0 - 127
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76
	12	EQ High Frequency	500Hz - 16.0kHz	28 - 58
	13	EQ High Gain	-12dB - 0dB - +12dB	52 - 76
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
60	1	Mod Waveform Type	TypeA, TypeB, TypeC, TypeD	0 - 3
	2	Mod Speed	0 - 127	0 - 127
	3	Mod Depth	0 - 127	0 - 127
	4	Mod Depth Offset R	-63 - 0 - +63	1 - 127
	5	HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52
	6	LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60
	7	Delay Level	0 - 127	0 - 127
	8	Delay Time	0.1ms - 370.0ms	1 - 3700
	9	Delay Time Offset R	0 - 884	0 - 884
	10	Feedback Level	-63 - 0 - +63	1 - 127
	11	FB Level Offset R	-63 - 0 - +63	1 - 127
	12	Amp Mod Waveform	Triangle, Sine, SawUp, SawDown	0 - 3
	13	Amp Mod Speed	0.00Hz - 39.7Hz	0 - 127
	14	Amp Mod Depth	0 - 127	0 - 127
	15	Amp Mod Inverse R	Normal, Inverse	0 - 1
	16	Dry Mix Level	0 - 127	0 - 127
61	1	Spiral Switch	Off, On	0 - 1
	2	Spiral Speed	-39.7Hz - 0.00Hz - +39.7Hz	1 - 255
	3	Feedback	0 - 127	0 - 127
	4	Filter Offset	C-2 - G8	0 - 127
	5	Spiral Step Mode	Continuous, Semitone, Scale	0 - 2
	6	Spiral Step Semitones	1semitones - 12semitones	0 - 11
	7	Spiral Step Scale Type	Maj, Min(Natural), Min(Harmonic)	0 - 2
	8	Spiral Step Trans Rate	1/48 - 1/2	0 - 14
	9	Spiral Sync	Step, Octave	0 - 1
	10	Offset Transition Rate	1 - 62	1 - 62
	11	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
62	1	Spiral Switch	Off, On	0 - 1
	2	Direction	Up, Down	0 - 1
	3	Spiral Speed	32nd/3 - 4thx6	0 - 19

Parameter Table No.	No.	Parameter	Range	Value	
	4	Feedback	0 - 127	0 - 127	
	5	Filter Offset	C-2 - G8	0 - 127	
	6	Spiral Step Mode	Continuous, Semitone, Scale	0 - 2	
	7	Spiral Step Semitones	1semitones - 12semitones	0 - 11	
	8	Spiral Step Scale Type	Maj, Min(Natural), Min(Harmonic)	0 - 2	
	9	Spiral Step Trans Rate	1/48 - 1/2	0 - 14	
	10	Spiral Sync	Step, Octave	0 - 1	
	11	Offset Transition Rate	1 - 62	1 - 62	
	12	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
	63	1	On/Off Switch	Off, On	0 - 1
		2	Low Mute	Off, On	0 - 1
		3	Mid Mute	Off, On	0 - 1
4		High Mute	Off, On	0 - 1	
5		Low Level	-64 - 0 - +63	0 - 127	
6		Mid Level	-64 - 0 - +63	0 - 127	
7		High Level	-64 - 0 - +63	0 - 127	
8		Low Delay Mix	0 - 127	0 - 127	
9		Low Delay Time	0.1ms - 495.0ms	1 - 4950	
10		Low Delay FB Level	-63 - 0 - +63	1 - 127	
11		Mid Delay Mix	0 - 127	0 - 127	
12		Mid Delay Time	0.1ms - 495.0ms	1 - 4950	
13		Mid Delay FB Level	-63 - 0 - +63	1 - 127	
14		High Delay Mix	0 - 127	0 - 127	
15		High Delay Time	0.1ms - 495.0ms	1 - 4950	
16		High Delay FB Level	-63 - 0 - +63	1 - 127	
64	1	Divide Type	16th - 4th	5 - 11	
	2	Gate Time	0% - 100%	0 - 100	
	3	Divide Min Level	0 - 127	0 - 127	
	4	Drive	0 - 127	0 - 127	
	5	Pan Type	A - J	0 - 9	
	6	Pan Depth	-63 - 0 - +63	1 - 127	
	7	Pan AEG Type	A - E	0 - 4	
	8	Pan AEG Min Level	0 - 127	0 - 127	
	9	AEG Phase	0 - 15	0 - 15	
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	12	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	13	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
65	1	Mod Speed	0 - 127	0 - 127	
	2	Mod Depth	0 - 127	0 - 127	
	3	Mod Gain	-12dB - 0dB - +12dB	52 - 76	
	4	Mod Mix Balance	D63>W - D=W - D<W63	1 - 127	
	5	Pre Mod HPF Cutoff Freq	20Hz - 8.0kHz	0 - 52	
	6	Mod LPF Cutoff Freq	1.0kHz - 20.0kHz	34 - 60	
	7	Mod LPF Resonance	1.0 - 12.0	10 - 120	
	8	Delay Time	0.1ms - 740.0ms	1 - 7400	
	9	Delay Time Offset R	0 - 884	0 - 884	
	10	Feedback Level	-63 - 0 - +63	1 - 127	
	11	FB Level Offset R	-63 - 0 - +63	1 - 127	
	12	Feedback High Damp	0.1 - 1.0	1 - 10	
	13	FB High Damp Offset R	-0.9 - 0.0 - +0.9	1 - 19	
	14	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
66	1	Filter Type	LPF(12dB), LPF(18dB), LPF(24dB), HPF, BPF	0 - 4	
	2	Cutoff Freq Control	0 - 127	0 - 127	
	3	Resonance	0 - 127	0 - 127	
	4	Filter Output Level	-12dB - 0dB - +12dB	52 - 76	
	5	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
67	1	Break	Off, On	0 - 1	
	2	Speed	Fast, Middle, Slow, VinylStop, PowerOff	0 - 4	
	3	Speed Adjust	+30% - 0% - -30%	0 - 120	
	4	Output Level	-19.50dB - 0.00dB - +12.00dB	1 - 127	
	5	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
68	1	Repeat	Off, On	0 - 1	
	2	Length	1/256 - 1/1 or 1/256.00 - 1/1.00	0 - 8 or 0 - 16 or 0 - 127	
	3	Freeze	Off, On	0 - 1	
	4	Gate Time	0% - 100%	0 - 100	
	5	Attack Time	0% - 100%	0 - 100	
	6	Release Time	0% - 100%	0 - 100	
	7	Play Speed	-1.0 - 0.0 - +1.0	1 - 127	
	8	Pitch Sweep	-63 - 0 - +63	1 - 127	
	9	Time Sweep	-63 - 0 - +63	1 - 127	
	10	Random	Off, On	0 - 1	
	11	Filter Type	Thru, LPF, HPF	0 - 2	
	12	Cutoff	14.1Hz - 21.1kHz	0 - 127	
	13	Resonance	0.0 - 12.7	0 - 127	
	14	Retrigger Cycle	1beat, 1/2beat, 1/4beat	0 - 2	

Parameter Table No.	No.	Parameter	Range	Value
	15	Retrigger Gate Time	0% - 100%	0 - 100
	16	Retrigger Attack Time	0% - 100%	0 - 100
	17	Retrigger Release Time	0% - 100%	0 - 100
	18	Length Change Quantize	1beat, 1/2beat, 1/4beat, 1/8beat, Off	0 - 4
	19	Output Level	-19.50dB - 0.00dB - +12.00dB	1 - 127
	20	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
69	1	EQ1(LSH) Frequency	31.5Hz - 2.0kHz	12 - 84
	2	EQ1(LSH) Gain	-12.0dB - 0.0dB - +12.0dB	60 - 300
	3	EQ2 Q	0.50 - 16.00	0 - 60
	4	EQ2 Frequency	50.0Hz - 20.0kHz	20 - 124
	5	EQ2 Gain	-18.0dB - 0.0dB - +18.0dB	0 - 360
	6	EQ3 Q	0.50 - 16.00	0 - 60
	7	EQ3 Frequency	50.0Hz - 20.0kHz	20 - 124
	8	EQ3 Gain	-18.0dB - 0.0dB - +18.0dB	0 - 360
	9	EQ4 Q	0.50 - 16.00	0 - 60
	10	EQ4 Frequency	50.0Hz - 20.0kHz	20 - 124
	11	EQ4 Gain	-18.0dB - 0.0dB - +18.0dB	0 - 360
	12	EQ5(HSH) Frequency	500Hz - 20.0kHz	60 - 124
	13	EQ5(HSH) Gain	-12.0dB - 0.0dB - +12.0dB	60 - 300
	14	Output Level	-12.0dB - 0.0dB - +12.0dB	60 - 300
70	1	Presence	0 - 100	0 - 100
	2	Texture	0 - 100	0 - 100
	3	Output Level	-6.0dB - 0.0dB - +6.0dB	0 - 120
71	1	Drive	0 - 127	0 - 127
	2	HPF Cutoff Frequency	500Hz - 16.0kHz	28 - 58
	3	Mix Level	0 - 127	0 - 127
72	1	On/Off Switch	Off, On	0 - 1
	2	Width Low	0.00 - 1.00	0 - 100
	3	Width Mid1	0.00 - 1.00	0 - 100
	4	Width Mid2	0.00 - 1.00	0 - 100
	5	Width Mid3	0.00 - 1.00	0 - 100
	6	Width High	0.00 - 1.00	0 - 100
	7	Low Subband Gain L	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	8	Low Subband Gain R	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	9	Mid1 Subband Gain L	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	10	Mid1 Subband Gain R	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	11	Mid2 Subband Gain L	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	12	Mid2 Subband Gain R	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	13	Mid3 Subband Gain L	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	14	Mid3 Subband Gain R	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	15	High Subband Gain L	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
	16	High Subband Gain R	-14.00dB - 0.00dB - 6.00dB	5801 - 7801
73	1	Vowel	a, i, u, e, o	0 - 4
	2	Drive	0 - 127	0 - 127
	3	Move Speed	1 - 62	1 - 62
	4	Output Level	0 - 127	0 - 127
74	1	Fold Type	Soft, Hard	0 - 1
	2	Fold	0.000 - 1.000	0 - 1000
	3	LFO Speed	0.01Hz - 1400Hz	0 - 1023
	4	LFO Depth	0 - 127	0 - 127
	5	LFO Shape	-50 - 0 - +50	0 - 100
	6	SEQ Clock	0.5x - 10.0x	0 - 15
	7	SEQ Depth	0 - 127	0 - 127
	8	SEQ Pattern	A - J	0 - 9
	9	SEQ Variation	0 - 100	0 - 100
	10	Input Level	-40.0dB - 0.0dB - +20.0dB	0 - 120
	11	Output Level	-40.0dB - 0.0dB - +20.0dB	0 - 120
	12	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
75	1	Type	LPF, HPF	0 - 1
	2	Cutoff Frequency	0.00 - 100.00	0 - 10000
	3	Resonance	0.0 - 1.0	0 - 500
	4	Texture	Retro, Standard, Modern	0 - 2
	5	Input Level	-36.0dB - 0.0dB - +24.0dB	0 - 120
	6	Output Level	-40.0dB - 0.0dB - +20.0dB	0 - 120
	7	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
76	1	Type	LowShelf, HighShelf	0 - 1
	2	EQ Frequency	0.00 - 100.00	0 - 10000
	3	Gain	0.0dB - 20.0dB	0 - 100
	4	Resonance	0.0 - 1.0	0 - 500
	5	Texture	Retro, Standard, Modern	0 - 2
	6	Input Level	-36.0dB - 0.0dB - +24.0dB	0 - 120
	7	Output Level	-40.0dB - 0.0dB - +20.0dB	0 - 120
77	1	Damper Control	0 - 127	0 - 127
	2	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127
78	1	Pitch1	-24 - 0 - +24	40 - 88
	2	Fine1	-50 - 0 - +50	14 - 114
	3	Pitch2	-24 - 0 - +24	40 - 88

Parameter Table No.	No.	Parameter	Range	Value	
	4	Fine2	-50 - 0 - +50	14 - 114	
	5	Initial Delay1	0.1ms - 400.0ms	0 - 127	
	6	Feedback Level1	-63 - 0 - +63	1 - 127	
	7	Initial Delay2	0.1ms - 400.0ms	0 - 127	
	8	Feedback Level2	-63 - 0 - +63	1 - 127	
	9	Output Level1	0 - 127	0 - 127	
	10	Pan1	L63 - C - R63	1 - 127	
	11	Output Level2	0 - 127	0 - 127	
	12	Pan2	L63 - C - R63	1 - 127	
	13	Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
	79	1	Type	S-Hall, L-Hall, Random, Reverse, Plate, Spring	0 - 5
		2	Room Size	0.1 - 20.0	0 - 127
		3	Liveness	0 - 10	0 - 10
4		Diffusion	0 - 10	0 - 10	
5		Density	0 - 3	0 - 3	
6		Initial Delay	0.1ms - 200ms	0 - 127	
7		HPF Cutoff Frequency	20Hz - 8.0kHz	0 - 52	
8		LPF Cutoff Frequency	1.0kHz - 20.0kHz	34 - 60	
9		Feedback Level	-63 - 0 - +63	1 - 127	
10		Feedback High Damp	0.1 - 1.0	1 - 10	
11		Dry/Wet Balance	D63>W - D=W - D<W63	1 - 127	
80	1	Noise Gate Switch	Off, On	0 - 1	
	2	Noise Gate Threshold	-73dB - -30dB	54 - 97	
	3	Noise Gate Attack	1ms - 40ms	0 - 19	
	4	Noise Gate Release	10ms - 680ms	0 - 15	
	5	Comp Threshold	-48dB - -6dB	79 - 121	
	6	Comp Ratio	1.0 - 20.0	0 - 7	
	7	Comp Attack	1ms - 40ms	0 - 19	
	8	Comp Release	10ms - 680ms	0 - 15	
	9	Comp Output Level	0 - 127	0 - 127	
	10	EQ Low Frequency	32Hz - 2.0kHz	4 - 40	
	11	EQ Low Gain	-12dB - 0dB - +12dB	52 - 76	
	12	EQ Mid Frequency	100Hz - 10.0kHz	14 - 54	
	13	EQ Mid Gain	-12dB - 0dB - +12dB	52 - 76	
	14	EQ Mid Width	0.1 - 12.0	1 - 120	
	15	EQ High Frequency	500Hz - 16.0kHz	28 - 58	
	16	EQ High Gain	-12dB - 0dB - +12dB	52 - 76	

MIDI Note

Trigger	Source	No.	
		Dec	Note Name
Kick	Src1	36	C1
	Src2	Off	
	Src3	Off	
Snare	Src1	38	D1
	Src2	40	E1
	Src3	37	C#1
Trig3	Src1	35	B0
	Src2	Off	
	Src3	Off	
Trig4	Src1	48	C2
	Src2	14	D-1
	Src3	15	D#-1
Trig5	Src1	31	G0
	Src2	34	A#0
	Src3	27	D#0
Trig6	Src	47	B1
Trig7	Src	43	G1
Trig8	Src	51	D#2
Trig9	Src	49	C#2
[H] Trig10	Src	57	A2
[H] Foot1 [L] Foot	Src	56	G#2
[H] Foot2	Src	Off	
[H] HH1 [L] HH	OpBw	46	A#1
	OpEg	78	F#4
	ClBw	42	F#1
	ClEg	79	G4
	FtCl	44	G#1
	FtSp	83	B4
[H] HH2	OpBw	Off	
	OpEg	Off	
	ClBw	Off	
	ClEg	Off	
	FtCl	Off	
	FtSp	Off	
[H] Trig11	Src1	Off	
	Src2	Off	
	Src3	Off	

Trigger	Source	No.	
		Dec	Note Name
[H] Trig12	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig13	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig14	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig15	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig16	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig17	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig18	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig19	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig20	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig21	Src1	Off	
	Src2	Off	
	Src3	Off	
[H] Trig22	Src1	Off	
	Src2	Off	
	Src3	Off	

Channel Messages

MIDI Events	Status Byte (Hex)	1st Data Byte (Hex)		2nd Data Byte (Hex)		Transmission	Reception		
		Data	Parameter	Data	Parameter				
Note Off	8n (n: Channel Number)	00..7F	Note Number	00..7F	Velocity	-	✓		
Note On	9n (n: Channel Number)	00..7F	Note Number	00..7F	00 (Note Off), 01..7F (Note On)	✓	✓		
Polyphonic After Touch	An (n: Channel Number)	00..7F	Note Number	00..7F	Data	✓	✓		
Control Change	Bn (n: Channel Number)	00	Bank Select MSB	7D	7D (Scene Select)	✓	✓		
		20	Bank Select LSB	00..02	00 (Preset Scene), 01 (User Scene 001...100), 02 (User Scene 101...200)	✓	✓		
		04	Foot Controller	00..7F	Data	✓	✓		
		10	General Purpose Controller 1	00..7F	Data	✓	✓		
		11	General Purpose Controller 2	00..7F	Data	✓	✓		
		12	General Purpose Controller 3	00..7F	Data	✓	✓		
		13	General Purpose Controller 4	00..7F	Data	✓	✓		
		50	General Purpose Controller 5	00..7F	Data	✓	✓		
		51	General Purpose Controller 6	00..7F	Data	✓	✓		
		52	General Purpose Controller 7	00..7F	Data	✓	✓		
		53	General Purpose Controller 8	00..7F	Data	✓	✓		
		Mode Message	Bn (n: Channel Number)	78	All Sound Off	00	Data	-	✓
				79	Reset All Controllers	00	Data	-	-
7A	Local Control			00, 7F	00 (Off), 7F (On)	-	✓		
7B	All Note Off			00	Data	-	✓		
7C	Omni Off (All Note Off)			00	Data	-	✓		
7D	Omni On (All Note Off)			00	Data	-	✓		
7E	Mono (All Sound Off)			00	Data	-	✓		
7F	Poly (All Sound Off)			00	Data	-	✓		
Program Change	Cn (n: Channel Number)	00..63	Scene Number	-	-	✓	✓		
Channel After Touch	Dn (n: Channel Number)	00..7F	Data	-	-	-	-		
Pitch Bend Change	En (n: Channel Number)	00..7F	LSB	00..7F	MSB	-	-		
Realtime Message	F8 (MIDI Clock)	-	-	-	-	✓	✓		
		FA (Start)	-	-	-	✓	✓		
		FB (Continue)	-	-	-	-	-		
		FC (Stop)	-	-	-	-	-		
		FE (Active Sense)	-	-	-	-	✓	✓	
		FF (System Reset)	-	-	-	-	-	-	

MIDI System Exclusive Messages

MIDI Events	Data Format (Hex)	Transmission	Reception
Identity Request	F0 7E xx 06 01 F7 F0 = Exclusive Status 7E = Universal Non-Real Time xx = Device Number 06 = Sub-ID #1 = General Information 01 = Sub-ID #2 = Identity Request F7 = End of Exclusive	-	✓
Identity Reply	F0 7E 7F 06 02 43 00 41 nn 06 mm 00 00 7F F7 F0 = Exclusive Status 7E = Universal Non-Real Time 7F = Device Number 06 = Sub-ID #1 = General Information 02 = Sub-ID #2 = Identity Reply 43 = YAMAHA ID 00 = Device Family Code LSB 41 = Device Family Code MSB nn = Device Number Code LSB 71: EAD50 06 = Device Number Code MSB mm = Version Number ((Version - 1.00) * 10) 00 = Tone Generator Format Code 1 00 = Tone Generator Format Code 2 7F = Tone Generator Format Code 3 F7 = End of Exclusive	✓	-

YAMAHA [Electronic Acoustic Drum Module]
 Model EAD50 MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks	
Basic Channel	Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	Memorized
Mode	Default Messages Altered	3 x *****	3 x x	
Note Number	: True voice	0 - 127 *****	0 - 127 0 - 127	
Velocity	Note ON Note OFF	o 9nH,v=1-127 x 9nH,v=0	o 9nH,v=1-127 x	
After Touch	Key's Ch's	o x	o x	
Pitch Bend		x	x	
Control Change	0,32 0-127	o o	o x	Bank Select
Prog Change	: True #	o 0 - 99 *****	o 0 - 99	
System Exclusive		o	o	
Common	: Song Pos. : Song Sel. : Tune	x x x	x x x	
System Real Time	: Clock : Commands	o o	o o	
Aux Messages	: All Sound Off : Reset All Cntrls : Local ON/OFF : All Notes OFF : Active Sense : Reset	x x x o o x	o (120,126,127) x o (122) o (123-125) o x	

Notes:

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