

## UC-33 memory banks

Cubase SL/SX/Nuendo 8 Channel preset (Channels 1-8)						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel Volume	7	1	-	0	127
2	Channel Volume	7	2	-	0	127
3	Channel Volume	7	3	-	0	127
4	Channel Volume	7	4	-	0	127
5	Channel Volume	7	5	-	0	127
6	Channel Volume	7	6	-	0	127
7	Channel Volume	7	7	-	0	127
8	Channel Volume	7	8	-	0	127
9	Channel Panning	10	1	-	0	127
10	Channel Panning	10	2	-	0	127
11	Channel Panning	10	3	-	0	127
12	Channel Panning	10	4	-	0	127
13	Channel Panning	10	5	-	0	127
14	Channel Panning	10	6	-	0	127
15	Channel Panning	10	7	-	0	127
16	Channel Panning	10	8	-	0	127
17	Channel send 1	12	1	-	0	127
18	Channel send 1	12	2	-	0	127
19	Channel send 1	12	3	-	0	127
20	Channel send 1	12	4	-	0	127
21	Channel send 1	12	5	-	0	127
22	Channel send 1	12	6	-	0	127
23	Channel send 1	12	7	-	0	127
24	Channel send 1	12	8	-	0	127
25	Channel send 2	13	1	-	0	127
26	Channel send 2	13	2	-	0	127
27	Channel send 2	13	3	-	0	127
28	Channel send 2	13	4	-	0	127
29	Channel send 2	13	5	-	0	127
30	Channel send 2	13	6	-	0	127
31	Channel send 2	13	7	-	0	127
32	Channel send 2	13	8	-	0	127
33	Master Volume	28	1	-	0	127
<b>Buttons</b>						
■	Stop	14	1	11	0	127
▶	Start	15	1	12	0	127
◀◀	Rewind	16	1	13	0	127
▶▶	Forward	17	1	14	0	127
# keypad						
0	Record	18	1	10	0	127
1	L marker	19	1	1	0	127
2	R Marker	20	1	2	0	127
3	Marker 3	21	1	3	0	127
4	Marker 4	22	1	4	0	127
5	Marker 5	23	1	5	0	127
6	Marker 6	24	1	6	0	127
7	Master on	25	1	7	0	127
8	Cycle	26	1	8	0	127
9	Click	27	1	9	0	127

Native Instruments B4						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	UM 16'	12	0	-	0	127
2	UM 5 1/3'	13	0	-	0	127
3	UM 8'	14	0	-	0	127
4	UM 4'	15	0	-	0	127
5	UM 2 2/3'	16	0	-	0	127
6	UM 2'	17	0	-	0	127
7	UM 1 3/5'	18	0	-	0	127
8	UM 1 1/3'	19	0	-	0	127
9	Vibrato Mix	73	0	-	0	127
10	Vibrato Depth	74	0	-	0	127
11	Swell	11	0	-	0	127
12		0	0	-	0	127
13	Microphone Balance	8	0	-	0	127
14	Microphone Pan	10	0	-	0	127
15	Microphone Spread	9	0	-	0	127
16	Microphone Distance	3	0	-	0	127
17	Perc Harmonic Key Click	72	0	-	0	127
18	Perc Harmonic Amount	75	0	-	0	127
19	Tube Amp Body	78	0	-	0	127
20	Tube Amp Bright	79	0	-	0	127
21	Bass Rotor Slow	91	0	-	0	127
22	Bass Rotor Fast	92	0	-	0	127
23	Bass Rotor Accel	93	0	-	0	127
24	Bass Rotor Tone	90	0	-	0	127
25	Perc Volume	70	0	-	0	127
26	Perc Decay	71	0	-	0	127
27	Tube Amp Drive	76	0	-	0	127
28	Tube Amp Volume	7	0	-	0	127
29	Treble Rotor Slow	81	0	-	0	127
30	Treble Rotor Fast	82	0	-	0	127
31	Treble Rotor Accel	83	0	-	0	127
32	Treble Rotor Tone	80	0	-	0	127
33	UM 1'	20	0	-	0	127
<b>Buttons</b>						
■	Rotator slow/fast	1	0	11	0	127
▶	Drive	67	0	12	0	127
◀◀	Rotator on/off	68	0	13	0	127
▶▶	Perc	66	0	14	0	127
# keypad						
0			0	10	0	127
1	Vibrato Lower	30	0	1	0	127
2	Vibrato Upper	31	0	2	0	127
3	Velocity	69	0	3	0	127
4	Program change	145	0	4	0	127
5	Program change	145	0	5	0	127
6	Program change	145	0	6	0	127
7	Program change	145	0	7	0	127
8	Program change	145	0	8	0	127
9	Program change	145	0	9	0	127

Native Instruments Pro-53						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	FX-Time	105	0	-	0	127
2	FX-Spread	106	0	-	0	127
3	FX-Depth	107	0	-	0	127
4	FX-Rate	108	0	-	0	127
5	FX-Fdback	110	0	-	0	127
6	FX Lo Cut	111	0	-	0	127
7	FX-Hi Cut	112	0	-	0	127
8	FX Wet	116	0	-	0	127
9	Mixer OSC A	45	0	-	0	127
10	Mixer OSC B	46	0	-	0	127
11	Mixer Noise	47	0	-	0	127
12	Glide	5	0	-	0	127
13	Amp Attack	80	0	-	0	127
14	Amp Decay	81	0	-	0	127
15	Amp Sustain	82	0	-	0	127
16	Amp Release	83	0	-	0	127
17	Osc B Freq	50	0	-	0	127
18	Osc B Fine	51	0	-	0	127
19	Osc B PW	55	0	-	0	127
20	Analog	87	0	-	0	127
21	Filter Attack	75	0	-	0	127
22	Filter Decay	76	0	-	0	127
23	Filter Sustain	77	0	-	0	127
24	Filter Release	78	0	-	0	127
25	Poly-Mod Filter Env	20	0	-	0	127
26	Poly-Mod OSC B	21	0	-	0	127
27	Osc A Freq	40	0	-	0	127
28	Osc A PW	43	0	-	0	127
29	Filter Cut off	70	0	-	0	127
30	Filter Reso	71	0	-	0	127
31	Filter Env Amt	72	0	-	0	127
32	Filter Kbd	73	0	-	0	127
33	LFO-Freq	26	0	-	0	127
<b>Buttons</b>						
■	LFO Midi	25	0	11	0	127
▶	LFOShape 1	27	0	12	0	127
◀◀	LFO Shape 2	28	0	13	0	127
▶▶	LFO Shape 3	29	0	14	0	127
# keypad						
0	Osc B Kbd	57	0	10	0	127
1	Poly-Mod Freq A	22	0	1	0	127
2	Poly-Mod PWA	23	0	2	0	127
3	Poly-Mod Filter	24	0	3	0	127
4	OSC A Wavef 1	41	0	4	0	127
5	OSC A Wavef 2	42	0	5	0	127
6	OSC A Sync	44	0	6	0	127
7	OSC B Wavef 1	52	0	7	0	127
8	OSC B Wavef 2	53	0	8	0	127
9	OSC B Wavef 3	54	0	9	0	127

Reason Mixer						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel Volume	8	0	-	0	127
2	Channel Volume	9	0	-	0	127
3	Channel Volume	10	0	-	0	127
4	Channel Volume	12	0	-	0	127
5	Channel Volume	13	0	-	0	127
6	Channel Volume	14	0	-	0	127
7	Channel Volume	15	0	-	0	127
8	Channel Volume	16	0	-	0	127
9	Channel Panning	23	0	-	0	127
10	Channel Panning	24	0	-	0	127
11	Channel Panning	25	0	-	0	127
12	Channel Panning	26	0	-	0	127
13	Channel Panning	27	0	-	0	127
14	Channel Panning	28	0	-	0	127
15	Channel Panning	29	0	-	0	127
16	Channel Panning	30	0	-	0	127
17	Channel send 1	39	0	-	0	127
18	Channel send 1	40	0	-	0	127
19	Channel send 1	41	0	-	0	127
20	Channel send 1	42	0	-	0	127
21	Channel send 1	43	0	-	0	127
22	Channel send 1	44	0	-	0	127
23	Channel send 1	45	0	-	0	127
24	Channel send 1	46	0	-	0	127
25	Channel send 2	53	0	-	0	127
26	Channel send 2	54	0	-	0	127
27	Channel send 2	55	0	-	0	127
28	Channel send 2	56	0	-	0	127
29	Channel send 2	57	0	-	0	127
30	Channel send 2	58	0	-	0	127
31	Channel send 2	59	0	-	0	127
32	Channel send 2	60	0	-	0	127
33	Master Volume	7	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	11	0	127
▶	Start	147	0	12	0	127
◀◀	Rewind	147	0	13	0	127
▶▶	Forward	147	0	14	0	127
# keypad						
0	Record	147	0	10	0	127
1	Channel Mute	147	0	0	0	127
2	Channel Mute	147	0	2	0	127
3	Channel Mute	147	0	4	0	127
4	Channel Mute	147	0	5	0	127
5	Channel Mute	147	0	7	0	127
6	Channel Mute	147	0	9	0	127
7	Channel Mute	147	0	11	0	127
8	Channel Mute	147	0	12	0	127
9		147	0	0	0	127

Reason Malstrom						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	OSC A Attack	73	0	-	0	127
2	OSC A Decay	9	0	-	0	127
3	OSC A Sustain	12	0	-	0	127
4	OSC A Release	72	0	-	0	127
5	OSC B Attack	87	0	-	0	127
6	OSC B Decay	88	0	-	0	127
7	OSC B Sustain	89	0	-	0	127
8	OSC B Release	90	0	-	0	127
9	OSC A Motion	43	0	-	0	127
10	OSC A Index	42	0	-	0	127
11	OSC A Shift	44	0	-	0	127
12	OSC A Octave	21	0	-	0	127
13	OSC B Motion	92	0	-	0	127
14	OSC B Index	93	0	-	0	127
15	OSC B Shift	86	0	-	0	127
16	OSC B Octave	102	0	-	0	127
17	Shaper Amount	58	0	-	0	127
18	Filter B Mode	55	0	-	0	127
19	Filter B Freq	79	0	-	0	127
20	Filter B Resonance	78	0	-	0	127
21	Filter Env Sustain	16	0	-	0	127
22	Filter Env Release	17	0	-	0	127
23	Filter Env Amount	18	0	-	0	127
24	Mod A Shift	40	0	-	0	127
25	Shaper Mode	57	0	-	0	127
26	Filter A Mode	76	0	-	0	127
27	Filter A Freq	74	0	-	0	127
28	Filter A Resonance	71	0	-	0	127
29	Filter Attack	14	0	-	0	127
30	Filter Decay	15	0	-	0	127
31	Mod A Rate	26	0	-	0	127
32	Mod A Index	31	0	-	0	127
33	Mod A Wave select	28	0	-	0	127
<b>Buttons</b>						
■	OSC B - Flt B	59	0	11	0	127
▶	Flt B - Shaper	62	0	12	0	127
◀◀	OSC A - Flt B	60	0	13	0	127
▶▶	OSC A - Shaper	61	0	14	0	127
# keypad						
0	MOD A On/Off	25	0	10	0	127
1	OSC A On	41	0	1	0	127
2	OSC B On	95	0	2	0	127
3	Flt Env Inverse	19	0	3	0	127
4	Filter A on	75	0	4	0	127
5	Filter A Env	82	0	5	0	127
6	Filter A Kbd	77	0	6	0	127
7	Filter B On	54	0	7	0	127
8	Filter B Env	80	0	8	0	127
9	Filter B Kbd	81	0	9	0	127

Reason Subtractor						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Flt Env Attack	14	0	-	0	127
2	Flt Env Decay	15	0	-	0	127
3	Flt Env Sustain	16	0	-	0	127
4	Flt Env Release	17	0	-	0	127
5	Flt Env Amount	18	0	-	0	127
6	Amp Env Attack	73	0	-	0	127
7	Amp Env Decay	9	0	-	0	127
8	Amp Env Sustain	12	0	-	0	127
9	LFO1 Wave Select	28	0	-	0	127
10	LFO1 Rate	26	0	-	0	127
11	LFO1 Amount	27	0	-	0	127
12	LFO1 Destination	29	0	-	0	127
13	Velocity Amt, Amp	45	0	-	0	127
14	Noise Level	82	0	-	0	127
15	Filter 2 Freq	79	0	-	0	127
16	Filter 2 Resonance	78	0	-	0	127
17	OSC2 Phase	106	0	-	0	127
18	OSC2 Mode	105	0	-	0	127
19	OSC2 Wave Select	95	0	-	0	127
20	OSC2 Octave	102	0	-	0	127
21	OSC Mix	107	0	-	0	127
22	Noise Color	84	0	-	0	127
23	Filter 1 Type	76	0	-	0	127
24	Filter1 Kbd Track	77	0	-	0	127
25	OSC1 Phase	93	0	-	0	127
26	OSC1 Mode	92	0	-	0	127
27	OSC1 Wave Select	20	0	-	0	127
28	OSC1 Octave	21	0	-	0	127
29	OSC1 FM	108	0	-	0	127
30	Noise Decay	83	0	-	0	127
31	Filter1 Freq	74	0	-	0	127
32	Filter1 Resonance	71	0	-	0	127
33	Amp Env Release	72	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	11	0	127
▶	Start	147	0	12	0	127
◀◀	Rewind	147	0	13	0	127
▶▶	Forward	147	0	14	0	127
# keypad						
0	Record	147	0	10	0	127
1	OSC2 On/Off	94	0	1	0	127
2	OSC2 Ring Mod.	109	0	2	0	127
3	Noise On/Off	81	0	3	0	127
4	LFO1 Sync	0	0	4	0	127
5	Filter Link	80	0	5	0	127
6	Filter 2 On/Off	75	0	6	0	127
7	Filter Env Inv	19	0	7	0	127
8		0	0	8	0	127
9		0	0	9	0	127

7 Propellerheads Reason NN-19						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Filter Freq	74	0	-	0	127
2	Filter Res	71	0	-	0	127
3	Filter Mode	76	0	-	0	127
4	Filter Kbd Tracking	77	0	-	0	127
5	Filter Attack	14	0	-	0	127
6	Filter Decay	15	0	-	0	127
7	Filter Sustain	16	0	-	0	127
8	Filter Release	17	0	-	0	127
9	OSC Env Amt	24	0	-	0	127
10	OSC Oct	21	0	-	0	127
11	OSC Fine Tune	23	0	-	0	127
12	Level	7	0	-	0	127
13	Amp Env Attack	73	0	-	0	127
14	Amp Env Decay	9	0	-	0	127
15	Amp Env Sustain	12	0	-	0	127
16	Amp Env Release	72	0	-	0	127
17	Portamento	5	0	-	0	127
18	OSC Sample Start	20	0	-	0	127
19	OSC Semi	22	0	-	0	127
20	Vel Amp attack	48	0	-	0	127
21	Vel Sample Start	49	0	-	0	127
22	MW F. res	34	0	-	0	127
23	LFO WaveF	28	0	-	0	127
24	LFO Destination	29	0	-	0	127
25	Spread	57	0	-	0	127
26	Mode	56	0	-	0	127
27	Vel F env	46	0	-	0	127
28	Vel. Filter Decay	47	0	-	0	127
29	Vel. Amp	45	0	-	0	127
30	MW F.Freq	33	0	-	0	127
31	LFO Rate	26	0	-	0	127
32	LFO Amt	27	0	-	0	127
33	Filter Env Amt	18	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	11	0	127
▶	Start	147	0	12	0	127
◀◀	Rewind	147	0	13	0	127
▶▶	Forward	147	0	14	0	127
# keypad						
0	Record	147	0	10	0	127
1	Filter On/Off	75	0	1	0	127
2		147	0	2	0	127
3		147	0	3	0	127
4		147	0	4	0	127
5		147	0	5	0	127
6		147	0	6	0	127
7		147	0	7	0	127
8		147	0	8	0	127
9		147	0	9	0	127

8 Propellerheads Reason Dr Rex						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Filter Freq	74	0	-	0	127
2	Filter Res	71	0	-	0	127
3	Filter Mode	76	0	-	0	127
4	Filter Env Amt	18	0	-	0	127
5	Filter Env Attack	14	0	-	0	127
6	Filter Env Decay	15	0	-	0	127
7	Filter Env Sustain	16	0	-	0	127
8	Filter Env Release	17	0	-	0	127
9	LFO Rate	26	0	-	0	127
10	LFO Amount	27	0	-	0	127
11	LFO Waveform	28	0	-	0	127
12	LFO Destination	29	0	-	0	127
13	Amp Env Attack	73	0	-	0	127
14	Amp Env Decay	9	0	-	0	127
15	Amp Env Sustain	12	0	-	0	127
16	Amp Env Release	72	0	-	0	127
17	Osc Octave	21	0	-	0	127
18	Osc Fine tune	23	0	-	0	127
19	Osc Env Amt	24	0	-	0	127
20	Mod Wheel F. Res	34	0	-	0	127
21	Mod. Wheel F. Dec	35	0	-	0	127
22	Pitchbend range	39	0	-	0	127
23		0	0	-	0	127
24		0	0	-	0	127
25	Vel F. Env	46	0	-	0	127
26	Vel F. Decay	47	0	-	0	127
27	Vel. Amp	36	0	-	0	127
28	Mod Wheel F. Freq	33	0	-	0	127
29	Mod Wheel	1	0	-	0	127
30		0	0	-	0	127
31		0	0	-	0	127
32		0	0	-	0	127
33	Level	7	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	0	0	127
▶	Start	147	0	12	0	127
◀◀	Rewind	147	0	13	0	127
▶▶	Forward	147	0	14	0	127
# keypad						
0	Record	147	0	10	0	127
1	Filter On/Off	75	0	1	0	127
2		147	0	2	0	127
3		147	0	3	0	127
4		147	0	4	0	127
5		147	0	5	0	127
6		147	0	6	0	127
7		147	0	7	0	127
8		147	0	8	0	127
9		147	0	9	0	127



Reason ReDrum						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Ch 1 Volume	8	0	-	0	127
2	Ch 2 Volume	9	0	-	0	127
3	Ch 3 Volume	10	0	-	0	127
4	Ch 4 Volume	12	0	-	0	127
5	Ch 5 Volume	13	0	-	0	127
6	Ch 6 Volume	14	0	-	0	127
7	Ch 7 Volume	15	0	-	0	127
8	Ch 8 Volume	16	0	-	0	127
9	Ch 1 Pan	19	0	-	0	127
10	Ch 2 Pan	20	0	-	0	127
11	Ch 3 Pan	21	0	-	0	127
12	Ch 4 Pan	22	0	-	0	127
13	Ch 5 Pan	23	0	-	0	127
14	Ch 6 Pan	24	0	-	0	127
15	Ch 7 Pan	25	0	-	0	127
16	Ch 8 Pan	26	0	-	0	127
17	Ch 1 Pitch	51	0	-	0	127
18	Ch 2 Pitch	52	0	-	0	127
19	Ch 3 Pitch	53	0	-	0	127
20	Ch 4 Pitch	54	0	-	0	127
21	Ch 5 Pitch	55	0	-	0	127
22	Ch 6 Pitch	56	0	-	0	127
23	Ch 7 Pitch	57	0	-	0	127
24	Ch 8 Pitch	58	0	-	0	127
25	Ch 1 Decay	77	0	-	0	127
26	Ch 2 Decay	78	0	-	0	127
27	Ch 3 Decay	79	0	-	0	127
28	Ch 4 Decay	80	0	-	0	127
29	Ch 5 Decay	81	0	-	0	127
30	Ch 6 Decay	82	0	-	0	127
31	Ch 7 Decay	83	0	-	0	127
32	Ch 8 Decay	84	0	-	0	127
33	Volume	7	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	11	0	127
▶	Play	147	0	12	0	127
◀◀	Rewind	147	0	13	0	127
▶▶	Fast Forward	147	0	14	0	127
# keypad						
0	Record	147	0	10	0	127
1	Ch1 solo	147	0	72	0	127
2	Ch2 Solo	147	0	74	0	127
3	Ch3 Solo	147	0	76	0	127
4	Ch4 Solo	147	0	77	0	127
5	Ch5 Solo	147	0	79	0	127
6	Ch6 Solo	147	0	81	0	127
7	Ch7 Solo	147	0	83	0	127
8	Ch8 Solo	147	0	84	0	127
9			0	0	0	127

10 Cubase SL/SX/Nuendo 8 Channel preset (Channels 9-16)						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel Volume	7	9	-	0	127
2	Channel Volume	7	10	-	0	127
3	Channel Volume	7	11	-	0	127
4	Channel Volume	7	12	-	0	127
5	Channel Volume	7	13	-	0	127
6	Channel Volume	7	14	-	0	127
7	Channel Volume	7	15	-	0	127
8	Channel Volume	7	16	-	0	127
9	Channel Panning	10	9	-	0	127
10	Channel Panning	10	10	-	0	127
11	Channel Panning	10	11	-	0	127
12	Channel Panning	10	12	-	0	127
13	Channel Panning	10	13	-	0	127
14	Channel Panning	10	14	-	0	127
15	Channel Panning	10	15	-	0	127
16	Channel Panning	10	16	-	0	127
17	Channel send 1	12	9	-	0	127
18	Channel send 1	12	10	-	0	127
19	Channel send 1	12	11	-	0	127
20	Channel send 1	12	12	-	0	127
21	Channel send 1	12	13	-	0	127
22	Channel send 1	12	14	-	0	127
23	Channel send 1	12	15	-	0	127
24	Channel send 1	12	16	-	0	127
25	Channel send 2	13	9	-	0	127
26	Channel send 2	13	10	-	0	127
27	Channel send 2	13	11	-	0	127
28	Channel send 2	13	12	-	0	127
29	Channel send 2	13	13	-	0	127
30	Channel send 2	13	14	-	0	127
31	Channel send 2	13	15	-	0	127
32	Channel send 2	13	16	-	0	127
33	Master Volume	28	1	-	0	127
<b>Buttons</b>						
■	Stop	14	1	11	0	127
▶	Start	15	1	12	0	127
◀◀	Rewind	16	1	13	0	127
▶▶	Forward	17	1	14	0	127
# keypad						
0	Record	18	1	10	0	127
1	L marker	19	1	1	0	127
2	R Marker	20	1	2	0	127
3	Marker 3	21	1	3	0	127
4	Marker 4	22	1	4	0	127
5	Marker 5	23	1	5	0	127
6	Marker 6	24	1	6	0	127
7	Master on	25	1	7	0	127
8	Cycle	26	1	8	0	127
9	Click	27	1	9	0	127

Cubase SL/SX/NuendoChannel Strip						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel Volume	3	1	-	0	127
2	Insert 1	28	1	-	0	127
3	insert 2	29	1	-	0	127
4	Insert3	30	1	-	0	127
5	Insert 4	31	1	-	0	127
6	Insert 5	32	1	-	0	127
7	Insert 6	33	1	-	0	127
8	Insert 7	34	1	-	0	127
9	Pan L-R	4	1	-	0	127
10	Pan Front-Rear	5	1	-	0	127
11	Output Select	6	1	-	0	127
12	Master Volume	7	1	-	0	127
13	EQ Hi-Q	18	1	-	0	127
14	EQ Hi-Mid Q	21	1	-	0	127
15	EQ Lo-Mid Q	24	1	-	0	127
16	EQ Lo Q	27	1	-	0	127
17	Send 5	12	1	-	0	127
18	Send 6	13	1	-	0	127
19	Send 7	14	1	-	0	127
20	Send 8	15	1	-	0	127
21	EQ Hi Freq	17	1	-	0	127
22	EQ Hi -Mid Freq	20	1	-	0	127
23	EQ Lo-Mid Freq	23	1	-	0	127
24	EQ Lo Freq	26	1	-	0	127
25	Send 1	8	1	-	0	127
26	Send 2	9	1	-	0	127
27	Send 3	10	1	-	0	127
28	Send 4	11	1	-	0	127
29	EQ Hi Gain	16	1	-	0	127
30	EQ Hi-Mid Gain	19	1	-	0	127
31	EQ Lo-Mid Gain	22	1	-	0	127
32	EQ Lo Gain	25	1	-	0	127
33	Insert 8	35	1	-	0	127
<b>Buttons</b>						
■	EQ Hi On	46	1	11	0	127
▶	EQ Hi-Mid On	47	1	12	0	127
◀◀	EQ Lo-Mid On	48	1	13	0	127
▶▶	EQ Lo On	49	1	14	0	127
# keypad						
0	Mute	45	1	10	0	127
1	Send 1 On	36	1	1	0	127
2	Send 2 On	37	1	2	0	127
3	Send 3 On	38	1	3	0	127
4	Send 4 on	39	1	4	0	127
5	Send 5 On	40	1	5	0	127
6	Send 6 On	41	1	6	0	127
7	Send 7 On	42	1	7	0	127
8	Send 8 On	43	1	8	0	127
9	Solo	44	1	9	0	127

JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel 1 Volume	7	1	-	0	127
2	Channel 2 Volume	7	2	-	0	127
3	Channel 3 Volume	7	3	-	0	127
4	Channel 4 Volume	7	4	-	0	127
5	Channel 5 Volume	7	5	-	0	127
6	Channel 6 Volume	7	6	-	0	127
7	Channel 7 Volume	7	7	-	0	127
8	Channel 8 Volume	7	8	-	0	127
9	Channel 1 Pan	10	1	-	0	127
10	Channel 2 Pan	10	2	-	0	127
11	Channel 3 Pan	10	3	-	0	127
12	Channel 4 Pan	10	4	-	0	127
13	Channel 5 Pan	10	5	-	0	127
14	Channel 6 Pan	10	6	-	0	127
15	Channel 7 Pan	10	7	-	0	127
16	Channel 8 Pan	10	8	-	0	127
17	Channel 1 Reverb	91	1	-	0	127
18	Channel 2 Reverb	91	2	-	0	127
19	Channel 3 Reverb	91	3	-	0	127
20	Channel 4 Reverb	91	4	-	0	127
21	Channel 5 Reverb	91	5	-	0	127
22	Channel 6 Reverb	91	6	-	0	127
23	Channel 7 Reverb	91	7	-	0	127
24	Channel 8 Reverb	91	8	-	0	127
25	Channel 1 Chorus	93	1	-	0	127
26	Channel 2 Chorus	93	2	-	0	127
27	Channel 3 Chorus	93	3	-	0	127
28	Channel 4 Chorus	93	4	-	0	127
29	Channel 5 Chorus	93	5	-	0	127
30	Channel 6 Chorus	93	6	-	0	127
31	Channel 7 Chorus	93	7	-	0	127
32	Channel 8 Chorus	93	8	-	0	127
33	Drum track volume	7	10	-	0	127
<b>Buttons</b>						
■	Stop	146	16	38	0	127
▶	Play	146	16	36	0	127
◀◀	Rewind	146	16	39	0	127
▶▶	Fast Forward	146	16	40	0	127
# keypad						
0	Record	146	16	37	0	127
1	Return to Zero	146	16	41	0	127
2	Metronome on/off	146	16	45	0	127
3	Go to end	146	16	42	0	127
4	Left Locator	146	16	43	0	127
5	Loop mode on/off	146	16	46	0	127
6	Right Locator	146	16	44	0	127
7	Follow conductor on/off	146	16	49	0	127
8	Automatic punch in on/off	146	16	51	0	127
9	Edit Solo on/off	146	16	48	0	127

13 Sound Studio Pro II Mixer and transport preset Chs 1-16						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel 9 Volume	7	9	-	0	127
2	Channel 10 Volume	7	10	-	0	127
3	Channel 11 Volume	7	11	-	0	127
4	Channel 12 Volume	7	12	-	0	127
5	Channel 13 Volume	7	13	-	0	127
6	Channel 14 Volume	7	14	-	0	127
7	Channel 15 Volume	7	15	-	0	127
8	Channel 16 Volume	7	16	-	0	127
9	Channel 9 Pan	10	9	-	0	127
10	Channel 10 Pan	10	10	-	0	127
11	Channel 11 Pan	10	11	-	0	127
12	Channel 12 Pan	10	12	-	0	127
13	Channel 13 Pan	10	13	-	0	127
14	Channel 14 Pan	10	14	-	0	127
15	Channel 15 Pan	10	15	-	0	127
16	Channel 16 Pan	10	16	-	0	127
17	Channel 9 Volume	91	9	-	0	127
18	Channel 10 Volume	91	10	-	0	127
19	Channel 11 Volume	91	11	-	0	127
20	Channel 12 Volume	91	12	-	0	127
21	Channel 13 Volume	91	13	-	0	127
22	Channel 14 Volume	91	14	-	0	127
23	Channel 15 Volume	91	15	-	0	127
24	Channel 16 Volume	91	16	-	0	127
25	Channel 9 Pan	93	9	-	0	127
26	Channel 10 Pan	93	10	-	0	127
27	Channel 11 Pan	93	11	-	0	127
28	Channel 12 Pan	93	12	-	0	127
29	Channel 13 Pan	93	13	-	0	127
30	Channel 14 Pan	93	14	-	0	127
31	Channel 15 Pan	93	15	-	0	127
32	Channel 16 Pan	93	16	-	0	127
33	Drum track volume	7	10	-	0	127
<b>Buttons</b>						
■	Stop	146	16	38	0	127
▶	Play	146	16	36	0	127
◀◀	Rewind	146	16	39	0	127
▶▶	Fast Forward	146	16	40	0	127
# keypad						
0	Record	146	16	37	0	127
1	Return to Zero	146	16	41	0	127
2	Metronome on/off	146	16	45	0	127
3	Go to end	146	16	42	0	127
4	Left Locator	146	16	43	0	127
5	Loop mode on/off	146	16	46	0	127
6	Right Locator	146	16	44	0	127
7	Follow conductor on/off	146	16	49	0	127
8	Automatic punch in on/off	146	16	51	0	127
9	Edit Solo on/off	146	16	48	0	127

Cakewalk Sonar						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Track 1 volume	7	1	-	0	127
2	Track 2 volume	7	2	-	0	127
3	Track 3 volume	7	3	-	0	127
4	Track 4 volume	7	4	-	0	127
5	Track 5 volume	7	5	-	0	127
6	Track 6 volume	7	6	-	0	127
7	Track 7 volume	7	7	-	0	127
8	Track 8 volume	7	8	-	0	127
9	Track 1 pan	10	1	-	0	127
10	Track 2 pan	10	2	-	0	127
11	Track 3 pan	10	3	-	0	127
12	Track 4 pan	10	4	-	0	127
13	Track 5 pan	10	5	-	0	127
14	Track 6 pan	10	6	-	0	127
15	Track 7 pan	10	7	-	0	127
16	Track 8 pan	10	8	-	0	127
17	Track 1 send level 2	91	1	-	0	127
18	Track 2 send level 2	91	2	-	0	127
19	Track 3 send level 2	91	3	-	0	127
20	Track 4 send level 2	91	4	-	0	127
21	Track 5 send level 2	91	5	-	0	127
22	Track 6 send level 2	91	6	-	0	127
23	Track 7 send level 2	91	7	-	0	127
24	Track 8 send level 2	91	8	-	0	127
25	Track 1 send level 1	93	1	-	0	127
26	Track 2 send level 1	93	2	-	0	127
27	Track 3 send level 1	93	3	-	0	127
28	Track 4 send level 1	93	4	-	0	127
29	Track 5 send level 1	93	5	-	0	127
30	Track 6 send level 1	93	6	-	0	127
31	Track 7 send level 1	93	7	-	0	127
32	Track 8 send level 1	93	8	-	0	127
33		119	0	-	0	127
<b>Buttons</b>						
■	Stop	146	1	11	0	127
▶	Play	146	1	12	0	127
◀◀	Rewind	146	1	13	0	127
▶▶	Fast Forward	146	1	14	0	127
# keypad						
0	Program change to 0	146	1	10	0	127
1	Program change to 1	146	1	1	0	127
2	Program change to 2	146	1	2	0	127
3	Program change to 3	146	1	3	0	127
4	Program change to 4	146	1	4	0	127
5	Program change to 5	146	1	5	0	127
6	Program change to 6	146	1	6	0	127
7	Program change to 7	146	1	7	0	127
8	Program change to 8	146	1	8	0	127
9	Program change to 9	146	1	9	0	127

Steinberg Model-E						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Osc 1 Volume	20	0	-	0	127
2	Osc 2 Volume	21	0	-	0	127
3	Osc 3 Volume	22	0	-	0	127
4	Noise Volume	23	0	-	0	127
5	VCF Velocity	15	0	-	0	127
6	VCA Velocity	19	0	-	0	127
7	Spread	44	0	-	0	127
8	No function	119	0	-	0	127
9	Range Osc 1	28	0	-	0	127
10	Range Osc 2	29	0	-	0	127
11	Range Osc 3	30	0	-	0	127
12	Osc 3 Noise	35	0	-	0	127
13	No function	119	0	-	0	127
14	VCA Env: Attack	40	0	-	0	127
15	VCA Env: Decay	41	0	-	0	127
16	VCA Env: Sustain	42	0	-	0	127
17	Waveform 1	24	0	-	0	127
18	Waveform 2	25	0	-	0	127
19	Waveform 3	26	0	-	0	127
20	Glide	5	0	-	0	127
21	Tune	9	0	-	0	127
22	Filter Env: Attack	37	0	-	0	127
23	Filter Env: Decay	38	0	-	0	127
24	Filter Env: Sustain	39	0	-	0	127
25	No function	119	0	-	0	127
26	Frequency 2	31	0	-	0	127
27	Frequency 3	33	0	-	0	127
28	No function	119	0	-	0	127
29	Pan	10	0	-	0	127
30	Filter Cut-off	74	0	-	0	127
31	Filter Emphasis	71	0	-	0	127
32	Filter Amount	18	0	-	0	127
33	Volume	7	0	-	0	127
<b>Buttons</b>						
■	Oscillator Modulation	34	0	11	0	127
▶	Env-Release On	43	0	12	0	127
◀◀	White/Pink Noise	27	0	13	0	127
▶▶	2 Pole/4 Pole	11	0	14	0	127
# keypad						
0	No function	119	0	10	0	127
1	No function	119	0	1	0	127
2	No function	119	0	2	0	127
3	Filter Modulation	12	0	3	0	127
4	No function	119	0	4	0	127
5	No function	119	0	5	0	127
6	Keyboard CTRL 1	13	0	6	0	127
7	Mono	126	0	7	0	127
8	Osc 3	36	0	8	0	127
9	Keyboard CTRL 2	14	0	9	0	127

Steinberg HALion						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Env 1 attack	83	0	-	0	127
2	Env 1 decay	89	0	-	0	127
3	Env 1 sustain	85	0	-	0	127
4	Env 1 release	82	0	-	0	127
5	Env 2 attack	73	0	-	0	127
6	Env 2 decay	79	0	-	0	127
7	Env 2 sustain	75	0	-	0	127
8	Env 2 release	72	0	-	0	127
9	DCA Env Amount	70	0	-	0	127
10	DCA velocity	19	0	-	0	127
11	DCA spread	44	0	-	0	127
12		119	0	-	0	127
13		119	0	-	0	127
14		119	0	-	0	127
15	cent	90	0	-	0	127
16	glide	5	0	-	0	127
17	DCF cutoff	74	0	-	0	127
18	DCF resonance	71	0	-	0	127
19	DCF Env Ammount	80	0	-	0	127
20	DCF Velocity	15	0	-	0	127
21		119	0	-	0	127
22		119	0	-	0	127
23	octave	28	0	-	0	127
24	coarse	31	0	-	0	127
25	Filter Env Attack	37	0	-	0	127
26	Filter Env Decay	38	0	-	0	127
27	Filter Env sustain	24	0	-	0	127
28	Filter Env Ammount	18	0	-	0	127
29	Amp Env Attack	40	0	-	0	127
30	Amp Env decay	41	0	-	0	127
31	Amp Env sustain	42	0	-	0	127
32	Amp Env release	43	0	-	0	127
33	sample/DCA volume	20	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127



Waldorf Attack						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Env1 attack	52	0	-	0	127
2	Env1 decay	53	0	-	0	127
3	Env1 sustain	54	0	-	0	127
4	Env1 release	55	0	-	0	127
5	Env2 attack	56	0	-	0	127
6	Env2 decay	57	0	-	0	127
7	Env2 sustain	58	0	-	0	127
8	Env2 release	59	0	-	0	127
9	Filter Mod Speed	44	0	-	0	127
10	Osc 2 Pitch	22	0	-	0	127
11	Osc 2 Env	23	0	-	0	127
12	Osc 2 Vel	24	0	-	0	127
13	Crack Speed	26	0	-	0	127
14	Crack Length	27	0	-	0	127
15	Mixer Env	31	0	-	0	127
16	Mixer Vel	33	0	-	0	127
17	Filter Mod Depth	45	0	-	0	127
18	Osc 2 Shape	21	0	-	0	127
19	Amplifier Output	46	0	-	0	127
20	Osc 1 FM	17	0	-	0	127
21	Osc 1 Env	18	0	-	0	127
22	Osc 1 Vel	19	0	-	0	127
23	Mixer Osc 2	30	0	-	0	127
24	Mixer Crack	35	0	-	0	127
25	Filter Drive	39	0	-	0	127
26	Osc 1 Shape	12	0	-	0	127
27	Filter Type	36	0	-	0	127
28	Osc 1 Pitch	13	0	-	0	127
29	Osc 1 Env	14	0	-	0	127
30	Osc 1 Vel	15	0	-	0	127
31	Mixer Osc 1	28	0	-	0	127
32	Mixer R Mod	29	0	-	0	127
33	Amplifier Volume	47	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

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Waldorf PPG Wave 2V						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
CTRL #	<b>ASDR Envelope 1:</b>	CC #	CH #			
1	Attack	18	0	-	0	127
2	Decay	19	0	-	0	127
3	Sustain	20	0	-	0	127
4	Release	21	0	-	0	127
	<b>ASDR Envelope 2:</b>					
5	Attack	22	0	-	0	127
6	Decay	23	0	-	0	127
7	Sustain	24	0	-	0	127
8	Release	25	0	-	0	127
9	Volume	7	0	-	0	127
10	Mod Wheel	1	0	-	0	127
	<b>AD Envelope 3</b>					
11	Attack	15	0	-	0	127
12	Decay	16	0	-	0	127
13	Env 3 ATT	17	0	-	0	127
14			0	-	0	127
	<b>Modifiers Control</b>					
15	Env 1 VCF	28	0	-	0	127
16	Env 2 VCA	29	0	-	0	127
17	Env 1 Waves	30	0	-	0	127
		119	0	-	0	127
18	Basis	8	0	-	0	127
	<b>Low Freq. Oscillator</b>					
19	Delay	12	0	-	0	127
20	Waveshape	13	0	-	0	127
21	Rate	14	0	-	0	127
	<b>Modifiers</b>					
22	Cut off	74	0	-	0	127
23	Emphasis	71	0	-	0	127
24	Osc-Waves	26	0	-	0	127
25	-Sub	27	0	-	0	127
26		119	0	-	0	127
27		119	0	-	0	127
28		119	0	-	0	127
29		119	0	-	0	127
30		119	0	-	0	127
31		119	0	-	0	127
32		119	0	-	0	127
33		119	0	-	0	127
	<b>Buttons</b>					
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	LFO – SYNC	31	0	-	0	127
2	TRUE – PPG	33	0	-	0	127
3	OUT – 3-4	34	0	-	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

Native Instruments FM7						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Delay Time	20	0	-	0	127
2	Delay Feedback	21	0	-	0	127
3	Delay Diffusion	22	0	-	0	127
4	Filter Low cut	23	0	-	0	127
5	Filter Hi Cut	24	0	-	0	127
6	Mod rate	25	0	-	0	127
7	Mod Velocity Depth	26	0	-	0	127
8	Dry/Wet	27	0	-	0	127
9	Amp Env Attack	28	0	-	0	127
10	Amp Env Decay	29	0	-	0	127
11	Amp Env Sustain	30	0	-	0	127
12	Amp Env Release	31	0	-	0	127
13	LFO Timbre	32	0	-	0	127
14	LFO Tremolo	33	0	-	0	127
15	Unison Detune	34	0	-	0	127
16	Master Tune	35	0	-	0	127
17	Timbre Env Attack	36	0	-	0	127
18	Timbre Env Decay	37	0	-	0	127
19	Timbre Env Sustain	38	0	-	0	127
20	Timbre Env Release	39	0	-	0	127
21	LFO Rate	40	0	-	0	127
22	LFO Vibrato	41	0	-	0	127
23	Quality Analog	42	0	-	0	127
24	Quality Digital	43	0	-	0	127
25	Timbre Brightness	44	0	-	0	127
26	Timbre Harmonic	45	0	-	0	127
27	Timbre Detune	46	0	-	0	127
28	Timbre Env Amt	47	0	-	0	127
29	Timbre Vel Sens	48	0	-	0	127
30	Output Velocity Sens	49	0	-	0	127
31	Output Stereo Width	50	0	-	0	127
32	Output Volume	51	0	-	0	127
33	Master Volume	52	0	-	0	127
<b>Buttons</b>						
■	FX on/off	53	0	11	0	127
▶	FX Tempo Sync	54	0	12	0	127
◀◀	FX Invert	55	0	13	0	127
▶▶	FX Sync Delays	56	0	14	0	127
# keypad						
0	Apply	57	0	10	0	127
1	Operator on/off A	58	0	1	0	127
2	Operator on/off B	59	0	2	0	127
3	Operator on/off C	60	0	3	0	127
4	Operator on/off D	61	0	4	0	127
5	Operator on/off E	62	0	5	0	127
6	Operator on/off F	63	0	6	0	127
7	Operator on/off X	64	0	7	0	127
8	Operator on/off Z	65	0	8	0	127
9	Mono	66	0	9	0	127

20 Propellerheads Rebirth Master Controls and Synths						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Synth 1 Level	11	0	-	0	127
2	Synth 2 Level	14	0	-	0	127
3	808 Rhythm Level	17	0	-	0	127
4	909 Rhythm level	20	0	-	0	127
5	PCF Frequency	96	0	-	0	127
6	PCF Q	97	0	-	0	127
7	PCF Amount	98	0	-	0	127
8	PCF Decay	99	0	-	0	127
9	Synth 1 Pan	12	0	-	0	127
10	Synth 2 Pan	15	0	-	0	127
11	808 Pan	18	0	-	0	127
12	909 Pan	21	0	-	0	127
13	Synth 1 Tune	24	0	-	0	127
14	Synth 1 Env. Mod	27	0	-	0	127
15	Synth 2 tune	31	0	-	0	127
16	Synth 2 Env. Mod	34	0	-	0	127
17	Synth 1 Delay	13	0	-	0	127
18	Synth 2 Delay	16	0	-	0	127
19	808 Delay	19	0	-	0	127
20	909 Delay	22	0	-	0	127
21	Synth 1 Decay	28	0	-	0	127
22	Synth 1 Accent	29	0	-	0	127
23	Synth 2 Decay	35	0	-	0	127
24	Synth 2 Accent	36	0	-	0	127
25	Delay Pan	102	0	-	0	127
26	Delay Feedback	103	0	-	0	127
27	Compressor Ratio	106	0	-	0	127
28	Compressor Threshold	107	0	-	0	127
29	Synth 1 Cut off	25	0	-	0	127
30	Synth 1 Resonance	26	0	-	0	127
31	Synth 2 Cut off	32	0	-	0	127
32	Synth 2 Resonance	33	0	-	0	127
33	Master Level	7	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	71	0	127
▶	Play	147	0	69	0	127
◀◀	Rewind	147	0	72	0	127
▶▶	Fast Forward	147	0	73	0	127
# keypad						
0	Record	147	0	70	0	127
1	Synth 1 pattern 1	147	0	17	0	127
2	Synth 1 pattern 2	147	0	18	0	127
3	Synth 1 pattern 3	147	0	19	0	127
4	Synth 1 pattern 4	147	0	20	0	127
5	Synth 1 pattern 5	147	0	21	0	127
6	Synth 1 pattern 6	147	0	22	0	127
7	Synth 1 pattern 7	147	0	23	0	127
8	Synth 1 pattern 8	147	0	24	0	127
9		147	0	0	0	127

21 Propellerheads Rebirth Drum control						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	909 BD Level	66	0	-	0	127
2	909 SD Level	70	0	-	0	127
3	909 LT Level	74	0	-	0	127
4	909 MT Level	77	0	-	0	127
5	909 HT Level	80	0	-	0	127
6	909 HH Level	83	0	-	0	127
7	909 CC Level	88	0	-	0	127
8	909 RC Level	90	0	-	0	127
9	909 BD Tune	67	0	-	0	127
10	909 SD Tune	71	0	-	0	127
11	909 LT Tune	75	0	-	0	127
12	909 MT Tune	78	0	-	0	127
13	909 HT Tune	81	0	-	0	127
14	909 OH Decay	87	0	-	0	127
15	909 CC Tune	89	0	-	0	127
16	909 RC Tune	91	0	-	0	127
17	808 BD Level	38	0	-	0	127
18	808 SD Level	41	0	-	0	127
19	808 LT Level	44	0	-	0	127
20	808 MT Level	47	0	-	0	127
21	808 HT Level	50	0	-	0	127
22	808 RS Level	53	0	-	0	127
23	808 CP Level	55	0	-	0	127
24	808 CB Level	57	0	-	0	127
25	808 BD Decay	40	0	-	0	127
26	808 SD Snappy	43	0	-	0	127
27	808 LT Tune	45	0	-	0	127
28	808 MT Tune	48	0	-	0	127
29	808 HT Tune	51	0	-	0	127
30	808 CY Decay	60	0	-	0	127
31	808 CY Tone	59	0	-	0	127
32	808 Cy Level	58	0	-	0	127
33	808 Accent Level	37	0	-	0	127
<b>Buttons</b>						
■	Stop	147	0	71	0	127
▶	Play	147	0	69	0	127
◀◀	Rewind	147	0	72	0	127
▶▶	Fast Forward	147	0	73	0	127
# keypad						
0	Record	147	0	70	0	127
1	808 pattern 1	147	0	43	0	127
2	808 pattern 2	147	0	44	0	127
3	808 pattern 3	147	0	45	0	127
4	808 pattern 4	147	0	46	0	127
5	808 pattern 5	147	0	47	0	127
6	808 pattern 6	147	0	48	0	127
7	808 pattern 7	147	0	49	0	127
8	808 pattern 8	147	0	50	0	127
9	808 pattern 9	147	0	86	0	127

AAS Lounge Lizard						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	WAH speed	50	0	-	0	127
2	WAH depth	51	0	-	0	127
3	PHASER speed	61	0	-	0	127
4	PHASER depth	62	0	-	0	127
5	TREMOLO speed	53	0	-	0	127
6	TREMOLO depth	54	0	-	0	127
7	DELAY left/feedback	86	0	-	0	127
8	DELAY right/feedback	89	0	-	0	127
9	WAH frequency	48	0	-	0	127
10	WAH resonance	49	0	-	0	127
11	PHASER frequency	58	0	-	0	127
12	PHASER feedback	59	0	-	0	127
13	TREMOLO mono/stereo	55	0	-	0	127
14	TREMOLO on	57	0	-	0	127
15	EQ bass	46	0	-	0	127
16	EQ treble	47	0	-	0	127
17	MALLET force/strenght	9	0	-	0	127
18	MALLET force/velocity	14	0	-	0	127
19	MALLET noise/decay	20	0	-	0	127
20	MALLET noise/amount	21	0	-	0	127
21	FORK tone bar/decay	26	0	-	0	127
22	FORK tone bar/volume	27	0	-	0	127
23	PICK UP amp/in	30	0	-	0	127
24	PICK UP amp/out	31	0	-	0	127
25	MALLET stiffness/soft-hard	15	0	-	0	127
26	MALLET stiffness/velocity	17	0	-	0	127
27	MALLET noise/pitch	18	0	-	0	127
28	MALLET noise/kybd scalling	19	0	-	0	127
29	FORK tine/decay	23	0	-	0	127
30	FORK tine/volume	24	0	-	0	127
31	PICK UP position/symmetry	28	0	-	0	127
32	PICK UP position/distance	29	0	-	0	127
33	master volume	7	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

Computer Music Muon DS-404						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	EG1 Attack Time	89	0	-	0	127
2	EG1 Decay Time	90	0	-	0	127
3	EG1 Sustain Level	91	0	-	0	127
4	EG1 Release Level	92	0	-	0	127
5	EG2 Attack Time	95	0	-	0	127
6	EG2 Decay Time	96	0	-	0	127
7	EG2 Sustain Level	97	0	-	0	127
8	EG2 Release Level	98	0	-	0	127
9	Source Pitch EG Mod Depth	79	0	-	0	127
10	Source Pitch LFO Mod Depth	80	0	-	0	127
11	Pitch Bend Range	109	0	-	0	127
12	EG2 Depth Mod Depth	100	0	-	0	127
13	EG2 Depth mod Source	99	0	-	0	127
14	Filter Cut off LFO Mod Depth	85	0	-	0	127
15	Filter Res LFO Mod Depth	88	0	-	0	127
16	Max voices	108	0	-	0	127
17	Source Transpose	76	0	-	0	127
18	Source Detune	77	0	-	0	127
19	Source Pitch Mod Ratio	78	0	-	0	127
20	EG1 Depth Mod Depth	94	0	-	0	127
21	EG1 Depth Mod source	93	0	-	0	127
22	Filter Cut off EG Mod depth	84	0	-	0	127
23	Filter Res EG Mod depth	87	0	-	0	127
24	Source Keymap	75	0	-	0	127
25	LFO Rate	103	0	-	0	127
26	LFO Rate Mod Depth	105	0	-	0	127
27	LFO Depth Mod Depth	107	0	-	0	127
28	LFO waveform	101	0	-	0	127
29	Filter Type	81	0	-	0	127
30	Filter Cut off	82	0	-	0	127
31	Filter Res	83	0	-	0	127
32	Filter Cut off Key Track Depth	86	0	-	0	127
33	Volume	7	0	-	0	127
<b>Buttons</b>						
■	No function	119	0	11	0	0
▶	No function	119	0	12	0	0
◀◀	No function	119	0	13	0	0
▶▶	No function	119	0	14	0	0
# keypad						
0	Patch 10 select	145	0	9	0	0
1	Patch 1 select	145	0	0	0	0
2	Patch 2 select	145	0	1	0	0
3	Patch 3 select	145	0	2	0	0
4	Patch 4 select	145	0	3	0	0
5	Patch 5 select	145	0	4	0	0
6	Patch 6 select	145	0	5	0	0
7	Patch 7 select	145	0	6	0	0
8	Patch 8 select	145	0	7	0	0
9	Patch 9 select	145	0	8	0	0

Computer Music Muon SR-202						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	No function	119	0	-	0	127
2	No function	119	0	-	0	127
3	No function	119	0	-	0	127
4	No function	119	0	-	0	127
5	No function	119	0	-	0	127
6	No function	119	0	-	0	127
7	No function	119	0	-	0	127
8	Pad level	97	0	-	0	127
9	Bit-Crush	79	0	-	0	127
10	Transpose	80	0	-	0	127
11	Detune	81	0	-	0	127
12	No function	119	0	-	0	127
13	VCF Type	86	0	-	0	127
14	No function	119	0	-	0	127
15	No function	119	0	-	0	127
16	Pad Pan	98	0	-	0	127
17	Output	75	0	-	0	127
18	Pitch Modulation Depth	85	0	-	0	127
19	Pitch Envelope Decay	84	0	-	0	127
20	VCF Resonance	88	0	-	0	127
21	VCF Modulation Depth	92	0	-	0	127
22	Pitch Envelope Velocity	84	0	-	0	127
23	Overdrive	96	0	-	0	127
24	Amp Envelope Velocity	95	0	-	0	127
25	Choke group	76	0	-	0	127
26	Pitch Envelope Attack	82	0	-	0	127
27	Pitch Envelope Decay	83	0	-	0	127
28	VCF Cut off	87	0	-	0	127
29	VCF Envelope Attack	89	0	-	0	127
30	VCF Envelope Decay	90	0	-	0	127
31	Amp Envelope Attack	93	0	-	0	127
32	Amp Envelope Decay	94	0	-	0	127
33	MIDI Track Volume	7	0	-	0	127
<b>Buttons</b>						
■	VCF Type	86	0	11	0	127
▶	Pad Solo	100	0	12	0	127
◀◀	Note Off Mode	77	0	13	0	127
▶▶	Poly Mode	78	0	14	0	127
# keypad						
0	MIDI note 36	147	0	10	0	127
1	MIDI note 38	147	0	1	0	127
2	MIDI note 42	147	0	2	0	127
3	MIDI note 46	147	0	3	0	127
4	MIDI note 50	147	0	4	0	127
5	MIDI note 47	147	0	5	0	127
6	MIDI note 43	147	0	6	0	127
7	MIDI note 63	147	0	7	0	127
8	MIDI note 64	147	0	8	0	127
9	MIDI note 51	23	0	9	0	127



25 Muon CM-101						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	EG1 Attack	87	0	-	0	127
2	EG1 Decay	88	0	-	0	127
3	EG1 Sustain	89	0	-	0	127
4	EG1 Release	90	0	-	0	127
5	EG2 Attack	92	0	-	0	127
6	EG2 Decay	93	0	-	0	127
7	EG2 Sustain	94	0	-	0	127
8	EG2 Release	95	0	-	0	127
9	VCO1 PulseWidth	77	0	-	0	127
10	VCO1 PulseWidthMod Depth	78	0	-	0	127
11	VCO2 PulseWidth	81	0	-	0	127
12	VCO2 PulseWidthMod Depth	82	0	-	0	127
13	No function	119	0	-	0	127
14	LFO1 Rate	97	0	-	0	127
15	VCF EG Cut off Mod Depth	85	0	-	0	127
16	VCF LFO Cut off Mod Depth	86	0	-	0	127
17	No function	119	0	-	0	127
18	No function	119	0	-	0	127
19	No function	119	0	-	0	127
20	No function	119	0	-	0	127
21	Master Volume	98	0	-	0	127
22	No function	119	0	-	0	127
23	VCF Cut off	83	0	-	0	127
24	VCF Resonance	84	0	-	0	127
25	VCO1 Level	75	0	-	0	127
26	VCO1 Pitch Mod Depth	76	0	-	0	127
27	VCO2 Level	79	0	-	0	127
28	VCO2 Pitch Mod Depth	80	0	-	0	127
29		128	0	-	0	127
30	No function	119	0	-	0	127
31		91	0	-	0	127
32		96	0	-	0	127
33		114	0	-	0	127
<b>Buttons</b>						
■	No function		0	11	0	127
▶	No function		0	12	0	127
◀◀	No function		0	13	0	127
▶▶	No function		0	14	0	127
# keypad						
0	Program 10		0	10	0	127
1	Program 1		0	1	0	127
2	Program 2		0	2	0	127
3	Program 3		0	3	0	127
4	Program 4		0	4	0	127
5	Program 5		0	5	0	127
6	Program 6		0	6	0	127
7	Program 7		0	7	0	127
8	Program 8		0	8	0	127
9	Program 9		0	9	0	127

26 TC Works Mercury 1						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Env 1 Attack	75	0	-	0	127
2	Env 1 Decay	76	0	-	0	127
3	Env 1 Sustain	77	0	-	0	127
4	Env 1 Release	78	0	-	0	127
5	Env 2 Attack	80	0	-	0	127
6	Env 2 Decay	81	0	-	0	127
7	Env 2 Sustain	82	0	-	0	127
8	Env 2 Release	83	0	-	0	127
9	Glide	5	0	-	0	127
10	Osc 1 volume	45	0	-	0	127
11	Osc 2 volume	46	0	-	0	127
12	Sub osc volume	47	0	-	0	127
13	LFO Delay	28	0	-	0	127
14	Filter Env Amt	72	0	-	0	127
15	Filter LFO	67	0	-	0	127
16	TVA Drive	95	0	-	0	127
17	Osc 1 Oct	40	0	-	0	127
18	Osc 2 Oct	50	0	-	0	127
19	PWM mod source	54	0	-	0	127
20	Pitch mod source	92	0	-	0	127
21	LFO Rate	26	0	-	0	127
22	Filter Env select	68	0	-	0	127
23	Filter Env Inv	69	0	-	0	127
24	Env 2 select	97	0	-	0	127
25	Osc 1 Wave form	41	0	-	0	127
26	Osc 2 wave form	51	0	-	0	127
27	PWM Rate	55	0	-	0	127
28	Pitch mod rate	93	0	-	0	127
29	LFO Waveform	27	0	-	0	127
30	Filter Cut off	70	0	-	0	127
31	Filter Res.	71	0	-	0	127
32	Filter key follow	73	0	-	0	127
33	Volume	7	0	-	0	127
<b>Buttons</b>						
■	Osc Sync	44	0	11	0	127
▶	Osc Ring mod	43	0	12	0	127
◀◀	No function	119	0	13	0	127
▶▶	No function	119	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

27 Big Tick Audio Rainbow Synth						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Osc1 Audio level	14	0	-	0	127
2	Osc2 Audio level	15	0	-	0	127
3	Osc3 Audio level	16	0	-	0	127
4	Osc4 Audio level	17	0	-	0	127
5	FM Osc1->1	110	0	-	0	127
6	FM Osc2->1	111	0	-	0	127
7	FM Osc3->1	112	0	-	0	127
8	FM Osc4->1	113	0	-	0	127
9	Filter Rez	85	0	-	0	127
10	Filter Cutoff	84	0	-	0	127
11	Filter Env Mod	86	0	-	0	127
12	Osc1 KS	24	0	-	0	127
13	Osc1 VS	23	0	-	0	127
14	Osc1 Coarse	25	0	-	0	127
15	Osc1 Fine	26	0	-	0	127
16	Pan	10	0	-	0	127
17	Filter Sustain Level	82	0	-	0	127
18	Filter Release Time	83	0	-	0	127
19	Osc1 Attack Time	18	0	-	0	127
20	Osc1 Peak Level	105	0	-	0	127
21	Osc1 Decay Time	19	0	-	0	127
22	Osc1 Sustain Level	20	0	-	0	127
23	Osc1 Release Time	21	0	-	0	127
24	Chorus Out Level	100	0	-	0	127
25	Filter Attack Time	80	0	-	0	127
26	Filter Peak Level	88	0	-	0	127
27	Filter Decay Time	81	0	-	0	127
28	Pitch Env Attack Time	90	0	-	0	127
29	Pitch Env Peak Level	89	0	-	0	127
30	Pitch Env Decay Time	91	0	-	0	127
31	Pitch Env Sustain Level	92	0	-	0	127
32	Pitch Env Release Time	93	0	-	0	127
33	Main Level	7	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

GS/XG/GM2 Synth Control						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Vibrato Rate	134	0	-	8	127
2	Vibrato Depth	134	0	-	9	127
3	Vibrato Delay	134	0	-	10	127
4	Filter Cut off	134	0	-	32	127
5	Filter Resonance	134	0	-	33	127
6	Attack Time	134	0	-	99	127
7	Decay Time	134	0	-	100	127
8	Release Time	134	0	-	102	127
9	Modulation	1	0	-	0	127
10	Expression	11	0	-	0	127
11	Celeste depth	94	0	-	0	127
12	Timbre Intensity	71	0	-	0	127
13	Brightness	74	0	-	0	127
14	Portamento	84	0	-	0	127
15	Reverb level	91	0	-	0	127
16	Chorus Level	93	0	-	0	127
17	Attack Time	73	0	-	0	127
18	Release Time	72	0	-	0	127
19	GM2 Chorus Mod Rate	140	0	-	0	127
20	GM2 Chorus Mod Depth	141	0	-	0	127
21	GM2 Chorus feedback	142	0	-	0	127
22	GM2 Chorus send to Reverb	143	0	-	0	127
23	Pitchbend Sensitivity	128	0	-	0	127
24	Pitchbend	144	0	-	0	127
25	Track volume	7	0	-	0	127
26	Track Pan	10	0	-	0	127
27	Channel pressure after-touch	131	0	-	0	127
28	Channel coarse tune	130	0	-	0	127
29	Channel fine tune	129	0	-	0	127
30	Master coarse tune	138	0	-	0	127
31	Master fine tune	139	0	-	0	127
32	Master Pan	137	0	-	0	127
33	Master Volume	136	0	-	0	127
<b>Buttons</b>						
■	GM2 Reverb Type	149	0	-	4	127
▶	GM2 Reverb Time	150	0	-	64	127
◀◀	GM2 Chorus Type	151	0	-	4	127
▶▶	Sustain	152	0	64	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

29 GS/XG Drum Mixer						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Bass Drum Volume	134	10	-	36	26
2	Acc. Snare Volume	134	10	-	38	26
3	Hi-Hat Volume	134	10	-	42	26
4	Crash Volume	134	10	-	49	26
5	Open Hi-Hat Volume	134	10	-	46	26
6	Electric Snare Volume	134	10	-	40	26
7	Ride Cymbal Volume	134	10	-	51	26
8	Cowbell Volume	134	10	-	56	26
9	Bass Drum Pitch	134	10	-	36	24
10	Acc. Snare Pitch	134	10	-	38	24
11	Hi-Hat Pitch	134	10	-	42	24
12	Crash Pitch	134	10	-	49	24
13	Open Hi-Hat Pitch	134	10	-	46	24
14	Electric Snare Pitch	134	10	-	40	24
15	Ride Cymbal Pitch	134	10	-	51	24
16	Cowbell Pitch	134	10	-	56	24
17	Bass Drum Resonance	134	10	-	36	21
18	Acc. Snare Resonance	134	10	-	38	21
19	Hi-Hat Resonance	134	10	-	42	21
20	Crash Resonance	134	10	-	49	21
21	Open Hi-HatResonance	134	10	-	46	21
22	Electric Snare Resonance	134	10	-	40	21
23	Ride Cymbal Resonance	134	10	-	51	21
24	Cowbell Resonance	134	10	-	56	21
25	Bass Drum cut off	134	10	-	36	20
26	Acc. Snare Cut off	134	10	-	38	20
27	Hi-Hat Cut off	134	10	-	42	20
28	Crash Cut off	134	10	-	49	20
29	Open Cut off	134	10	-	46	20
30	Electric Snare Cut off	134	10	-	40	20
31	Ride Cymbal Cut off	134	10	-	51	20
32	Cowbell Cut off	134	10	-	56	20
33	Channel 10 level	7	10	-	0	127
<b>Buttons</b>						
■	No function	147	10	0	0	127
▶	No function	147	10	0	0	127
◀◀	No function	147	10	0	0	127
▶▶	No function	147	10	0	0	127
<b># keypad</b>						
0	No function	147	10	0	0	127
1	Bass Drum	147	10	36	0	127
2	Acc. Snare	147	10	38	0	127
3	Hi-Hat	147	10	42	0	127
4	Crash	147	10	49	0	127
5	Open Hi-Hat	147	10	46	0	127
6	Electric Snare	147	10	40	0	127
7	Ride Cymbal	147	10	51	0	127
8	Cowbell	147	10	56	0	127
9	No function	147	10	0	0	127

30 SoundBlaster AWE64/Live/Audigy						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	LFO 1 to Pitch	135	0	-	17	127
2	LFO 2 to Pitch	135	0	-	18	127
3	Envelope 1 Delay	134	0	-	4	127
4	Envelope 1 Attack	134	0	-	5	127
5	Envelope 1 Hold	134	0	-	6	127
6	Envelope 1 Decay	134	0	-	7	127
7	Envelope 1 Sustain	135	0	-	8	127
8	Envelope 1 Release	134	0	-	9	127
9	LFO 1 Frequency	135	0	-	1	127
10	LFO 2 Frequency	135	0	-	3	127
11	Envelope 2 Delay	134	0	-	10	127
12	Envelope 2 Attack	134	0	-	11	127
13	Envelope 2 Hold	134	0	-	12	127
14	Envelope 2 Decay	134	0	-	13	127
15	Envelope 2 Sustain	135	0	-	14	127
16	Envelope 2 Release	134	0	-	15	127
17	LFO 1 Delay	134	0	-	0	127
18	LFO 2 Delay	134	0	-	2	127
19	Envelope 1 to pitch	134	0	-	19	127
20	LFO 1 to volume	135	0	-	20	127
21	Filter Cut off	135	0	-	21	127
22	Filter Resonance	135	0	-	22	127
23	LFO 1 to Filter cut off	135	0	-	23	127
24	Envelope 1 to filter cutoff	135	0	-	24	127
25	LFO 1 to Pitch	135	0	-	17	127
26	LFO 2 to Pitch	135	0	-	18	127
27	Master Tuning	135	0	-	16	127
28	Chorus Send	135	0	-	25	127
29	Reverb Send	135	0	-	26	127
30	Modulation	1	0	-	0	127
31	Breath	2	0	-	0	127
32	Pan	10	0	-	0	127
33	Volume	7	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel 1 Volume	7	1	-	0	127
2	Channel 2 Volume	7	2	-	0	127
3	Channel 3 Volume	7	3	-	0	127
4	Channel 4 Volume	7	4	-	0	127
5	Channel 5 Volume	7	5	-	0	127
6	Channel 6 Volume	7	6	-	0	127
7	Channel 7 Volume	7	7	-	0	127
8	Channel 8 Volume	7	8	-	0	127
9	Channel 1 Pan	10	1	-	0	127
10	Channel 2 Pan	10	2	-	0	127
11	Channel 3 Pan	10	3	-	0	127
12	Channel 4 Pan	10	4	-	0	127
13	Channel 5 Pan	10	5	-	0	127
14	Channel 6 Pan	10	6	-	0	127
15	Channel 7 Pan	10	7	-	0	127
16	Channel 8 Pan	10	8	-	0	127
17	Channel 1 Reverb	91	1	-	0	127
18	Channel 2 Reverb	91	2	-	0	127
19	Channel 3 Reverb	91	3	-	0	127
20	Channel 4 Reverb	91	4	-	0	127
21	Channel 5 Reverb	91	5	-	0	127
22	Channel 6 Reverb	91	6	-	0	127
23	Channel 7 Reverb	91	7	-	0	127
24	Channel 8 Reverb	91	8	-	0	127
25	Channel 1 Chorus	93	1	-	0	127
26	Channel 2 Chorus	93	2	-	0	127
27	Channel 3 Chorus	93	3	-	0	127
28	Channel 4 Chorus	93	4	-	0	127
29	Channel 5 Chorus	93	5	-	0	127
30	Channel 6 Chorus	93	6	-	0	127
31	Channel 7 Chorus	93	7	-	0	127
32	Channel 8 Chorus	93	8	-	0	127
33	Global Channel Volume	7	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

User Default Preset Channels 9-16						
JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1	Channel 9 Volume	7	9	-	0	127
2	Channel 10 Volume	7	10	-	0	127
3	Channel 11 Volume	7	11	-	0	127
4	Channel 12 Volume	7	12	-	0	127
5	Channel 13 Volume	7	13	-	0	127
6	Channel 14 Volume	7	14	-	0	127
7	Channel 15 Volume	7	15	-	0	127
8	Channel 16 Volume	7	16	-	0	127
9	Channel 9 Pan	10	9	-	0	127
10	Channel 10 Pan	10	10	-	0	127
11	Channel 11 Pan	10	11	-	0	127
12	Channel 12Pan	10	12	-	0	127
13	Channel 13 Pan	10	13	-	0	127
14	Channel 14 Pan	10	14	-	0	127
15	Channel 15 Pan	10	15	-	0	127
16	Channel 16 Pan	10	16	-	0	127
17	Channel 9 Volume	91	9	-	0	127
18	Channel 10 Volume	91	10	-	0	127
19	Channel 11 Volume	91	11	-	0	127
20	Channel 12 Volume	91	12	-	0	127
21	Channel 13 Volume	91	13	-	0	127
22	Channel 14 Volume	91	14	-	0	127
23	Channel 15 Volume	91	15	-	0	127
24	Channel 16 Volume	91	16	-	0	127
25	Channel 9 Pan	93	9	-	0	127
26	Channel 10 Pan	93	10	-	0	127
27	Channel 11 Pan	93	11	-	0	127
28	Channel 12Pan	93	12	-	0	127
29	Channel 13 Pan	93	13	-	0	127
30	Channel 14 Pan	93	14	-	0	127
31	Channel 15 Pan	93	15	-	0	127
32	Channel 16 Pan	93	16	-	0	127
33	Global Channel Volume	7	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127



JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1		20	0	-	0	127
2		21	0	-	0	127
3		22	0	-	0	127
4		23	0	-	0	127
5		24	0	-	0	127
6		25	0	-	0	127
7		26	0	-	0	127
8		27	0	-	0	127
9		28	0	-	0	127
10		29	0	-	0	127
11		30	0	-	0	127
12		31	0	-	0	127
13		85	0	-	0	127
14		86	0	-	0	127
15		87	0	-	0	127
16		88	0	-	0	127
17		89	0	-	0	127
18		90	0	-	0	127
19		102	0	-	0	127
20		103	0	-	0	127
21		104	0	-	0	127
22		105	0	-	0	127
23		106	0	-	0	127
24		107	0	-	0	127
25		108	0	-	0	127
26		109	0	-	0	127
27		110	0	-	0	127
28		111	0	-	0	127
29		112	0	-	0	127
30		113	0	-	0	127
31		114	0	-	0	127
32		115	0	-	0	127
33		116	0	-	0	127
<b>Buttons</b>						
■	Program Change	145	0	11	0	127
▶	Program Change	145	0	12	0	127
◀◀	Program Change	145	0	13	0	127
▶▶	Program Change	145	0	14	0	127
# keypad						
0	Program Change	145	0	10	0	127
1	Program Change	145	0	1	0	127
2	Program Change	145	0	2	0	127
3	Program Change	145	0	3	0	127
4	Program Change	145	0	4	0	127
5	Program Change	145	0	5	0	127
6	Program Change	145	0	6	0	127
7	Program Change	145	0	7	0	127
8	Program Change	145	0	8	0	127
9	Program Change	145	0	9	0	127

BLANK

JC-33 ctrl no	Parameter	CC #	Channel #	Program #	LSB	MSB
1						
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33						
<b>Buttons</b>						
■						
▶						
◀◀						
▶▶						
# keypad						
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3						
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6						
7						
8						
9						