MIDI Implementation Chart

PLUG-OUT SYNTHESIZER
Model: SYSTEM-8

Data: Sep 9, 2016
Version 1.02

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1 1–16, OFF	1 1–16, OFF	Memorized
Mode	Default Messages Altered	Mode 3 x **********	Mode 1, 2, 3, 4 (M=1) Mode 1, 2, 3, 4 (M=1) **********	*1 *1
Note Number :	 True Voice	0-127 **********	0-127 0-127	
Velocity	Note On Note Off	o o	o o	
After Touch	Key's Channel's	x x	x x	
Pitch Bend		o	o	
Control Change	0,32 1 3 5 9 11–30 35 41 46–56 60–64 68–75 79–86 89–91 94 96 97 103 104 107–112 114 116–119	o o o o o o o o o o o o o o o o o o o o o	o o o o o o o o o o o o o o o o o o o o o	For details, refer to "Control change list."
Program Change	: True Number	o **********	o 0–63	
System Exclusive		o	o	
System Common	: Song Position : Song Select : Tune Request	x x x	x x x	
System Real Time	: Clock : Start : Continue : Stop	o x x x	o o o o	 *3
Aux Messages	: All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Omni Mode Off : Omni Mode On : Mono Mode On : Poly Mode On : Active Sensing : System Reset	o o x o x x x x o x	o o x o o o o o o x	Transmitted: MIDI OFFLINE Transmitted: MIDI OFFLINE Transmitted: MIDI OFFLINE *4 *4 *4 *4
Notes		*1 Recognised as M=1 even if M≠1 *2 MSB: 85 LSB: 00 SYSTEM-8 MSB: 85 LSB: 01 PLUGOUT1 MSB: 85 LSB: 02 PLUGOUT2 MSB: 85 LSB: 03 PLUGOUT3 *3 The same processing will be carried out as when Start is received. *4 The same processing will be carried out as when All Notes Off is received.		

Mode 1 : OMNI ON, POLY
Mode 2 : OMNI ON, MONO
Mode 3 : OMNI OFF, POLY
Mode 4 : OMNI OFF, MONO

O : Yes
X : No

Control change list

Control Change	Explanation
0,32	Bank select *2
1	MOD
3	CUTOFF
5	PORTAMENTO
9	RESO
11	PEDAL CONTROL
12	EFFECTS DEPTH
13	DELAY/CHORUS TIME
14	LFO VARIATION
15	LFO TRIG ENV
16	MIXER OSC1
17	MIXER OSC2
18	MIXER OSC3/SUB OSC
19	MIXER NOISE
20	OSC1 COARSE TUNE
21	OSC1 FINE TUNE
22	PITCH ENV
23	PITCH ATTACK
24	PITCH DECAY
25	OSC3/SUB OSC COLOR
26	LFO PITCH
27	LFO FADE TIME
28	LFO FILTER
29	LFO RATE
30	LFO AMP
35	LFO WAVE
41	BEND RANGE
46	OSC1 WAVE
47	OSC1 OCTAVE
48	OSC3/SUB OSC TUNE
49	BEND GAIN
50	OSC1 COLOR
51	FILTER VARIATION
52	OSC1 CROSS MOD
53	FILTER VELOCITY SENS
54	AMP VELOCITY SENS
55	OSC2 COLOR
56	OSC2 FINE TUNE
60	OSC1 MOD
61	OSC2 WAVE
62	OSC2 OCTAVE
63	OSC2 MOD
64	PEDAL HOLD
68	BEND SENS PITCH
69	AMP TONE
70	EFFECTS TYPE
71	EFFECTS TONE
72	DELAY/CHORUS TYPE
73	REVERB TYPE
74	REVERB TIME
75	BEND SENS FILTER
79	HPF CUTOFF
80	MOD SENS PITCH
81	FILTER ENV
82	FILTER KEY
83	FILTER ATTACK
84	FILTER DECAY
85	FILTER SUSTAIN
86	FILTER RELEASE
89	AMP ATTACK
90	AMP DECAY
91	REVERB LEVEL
94	DELAY/CHORUS LEVEL
96	AMP SUSTAIN
97	AMP RELEASE
103	OSC1 VARIATION
104	OSC2 VARIATION
107	OSC3/SUB OSC WAVE
108	FILTER TYPE
109	MOD SENS FILTER
110	AMP LEVEL
111	OSC2 RING
112	OSC2 SYNC
114	MIXER NOISE TYPE
116	LEGATO
117	LFO KEY TRIG
118	TEMPO SYNC
119	MONO

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