

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Channel Default Changed	1 1-16, OFF	1 1-16, OFF	
Mode Default Messages Altered	Mode 4 x *****	Mode 4 x *****	
Note Number : : True Voice	o 0-127	o 0-127	
Velocity Note On Note Off	o o	x x	
After Touch Key's Channel's	x x	x o	
Pitch Bend	x	o	
Control Change 5, 9, 13, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26, 27, 28, 29, 30, 31, 41, 47, 48, 49, 50, 51, 52, 53, 56, 57, 58, 59, 60, 61, 62, 63, 71, 73, 74, 75, 80, 81, 82, 83, 84, 85, 87, 91, 102, 103, 104, 105, 106, 107, 108, 109, 112, 113, 114, 115	0 x 1 x 7 x 64 x o	o o o o o o o	Bank select (0-3: A, B, C, User) Modulation Volume Hold pedal Patch parameters (refer to next page)
Program Change : True Number	x *****	o 0-127	
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 o x o	o o o o	
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 *1 o *1 x o *1 x x x x o x	o o x x o *2 o *2 o *2 o *2 o x	
Notes	*1 Transmit when MIDI offline. *2 Same process as All Note Off.		

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

O : Yes
X : No

CC#	Patch parameter
5	CONTROL GLIDE
9	CONTROL GLIDE TYPE
13	CONTROL WHL
16	XMOD O2FLT
17	XMOD O3TO
18	XMOD O3PW
19	OSC RANGE 2
20	OSC WAVEFORM 2
21	OSC SYNC
22	OSC RANGE 1
24	OSC WAVEFORM 1
25	OSC RANGE 3
26	OSC WAVEFORM 3
27	OSC FINE 1
28	OSC FINE 2
29	OSC ENV 1
30	OSC KYBD
31	OSC XMOD TO MW
41	MIX NOISE
47	FLT ATTACK 1
48	MIX OSC1
49	MIX OSC2
50	MIX OSC3
51	MIX FEEDBACK
52	FLT DECAY 1
53	FLT SUSTAIN 1
56	FLT SUSTAIN 2
57	FLT KEY TRACK 13
58	FLT KEY TRACK 23
59	FLT CONTOUR
60	FLT MTRIG
61	FLT NORM/INVERT
62	FLT REL
63	FLT GATE/LFO
71	FLT EMPHASIS
73	FLT ATTACK 2
74	FLT CUTOFF
75	FLT DECAY 2
80	MOD SENS
81	DYNAMICS
82	DLY TIME
83	DLY REGEN
84	AFT SENS 1
85	AFT SENS 2
87	BEND RANGE
91	DLY AMOUNT
102	LFO RATE
103	LFO OSC
104	LFO WAVE
105	LFO FILTER
106	LFO MWHL OSC SW
107	LFO MWHL FLT SW
108	LFO MODE SW
109	LFO SYNC SW
112	OCTAVE SHIFT
113	TRANSPOSE
114	TRANSPOSE SW
115	PATCH VOLUME