

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Channel	1-16	1-16	
Mode	Mode 3	Mode 1, 2, 3, 4 (M=1)	
Note Number	0-127	0-127	
Velocity : Note On : Note Off	o x	o x	
After Touch	x	x	
Pitch Bend	o	o	
Control Change	1 o	o	MODULATION
	3 o	o	LFO RATE
	5 o	o	PORTAMENTO TIME
	9 o	o	LFO DELAY TIME
	11 x	o	EXPRESSION PEDAL
	12 o	o	LFO WAVE FORM
	13 o	o	DCO-1 RANGE
	14 o	o	DCO-1 WAVE FORM
	15 o	o	DCO-1 FREQ MOD LFO SW
	16 o	o	DCO-1 FREQ MOD ENV SW
	17 o	o	DCO-2 RANGE
	18 o	o	DCO-2 WAVE FORM
	19 o	o	DCO-2 TUNE
	20 o	o	DCO-2 FINE TUNE
	21 o	o	DCO-2 CROSS MOD SEL
	22 o	o	DCO-2 FREQ MOD LFO SW
	23 o	o	DCO-2 FREQ MOD ENV SW
	24 o	o	DCO LFO DEPTH
	25 o	o	DCO ENV DEPTH
	26 o	o	DCO ENV POLARITY
	27 o	o	VCF SOURCE MIX
	28 o	o	VCF LFO MOD DEPTH
	29 o	o	VCF PITCH FOLLOW
	30 o	o	VCF HPF CUTOFF
31 o	o	VCF ENV MOD DEPTH	
35 o	o	VCF ENV POLARITY SW	
46 o	o	VCA MODE SW	
47 o	o	VCA LEVEL	
53 o	o	ENV SUSTAIN LEVEL	
64 x	o	HOLD	
65 o	o	PORTAMENTO	
71 o	o	VCF RESONANCE	
72 o	o	ENV RELEASE TIME	
73 o	o	ENV ATTACK TIME	
74 o	o	VCF CUTOFF	
75 o	o	ENV DECAY TIME	
82 o	o	DELAY TIME	
83 o	o	DELAY FEEDBACK	
86 o	o	ASSIGN MODE	
87 o	o	BEND RANGE	
91 o	o	DELAY LEVEL	
93 o	o	CHORUS SW	
Program Change	0-47	0-47	
System Exclusive	x	x	
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 : Mono Mode Off : Active Sensing : System Reset	x x x x x x x x x x	o o x o o o o o o x	*1 *1 *1 *1 *1
Notes	*1 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