

MIDI Implementation Chart

Function...		Transmitted	Recognized	Remarks
Basic Channel	Default Changed	1-16 1-16	1-16 X	
Mode	Default Messages Altered	Mode 3 *****	Mode 3 Omni Off, Poly, Mono (m=1) Omni On > Omni Off	Channels 1-16, Note 1. Note 1. Note 1.
Note Number	True Voice	0-127 *****	0-127 0-127	
Velocity	Note ON Note OFF	O O	O X	No Note OFF sent for drum channels
After Touch	Key's Channel	X O	X O	See Note 2
Pitch Bend		O	O	
Control Change	ALL 1 6, 38 7 10 11 64 66 91 93 100, 101	O	O O O O O O O O O O	All Controllers Modulation Wheel Data Entry MSB, LSB Channel Volume Pan Expression Damper Pedal (Sustain) Sostenuto Effects 1 Depth (Reverb) Effects 3 Depth (Chorus) RPN LSB, MSB
Program Change	True Number	O 0-127 *****	O 0-127	Program numbers 1-128
System Exclusive		O	O	
System Common	Song Position Song Select Tune Request	X X X	X X X	
System Real Time	Clock Commands	X X	X X	
Aux Messages	All Sounds OFF Reset All Ctrl's Local ON/OFF All Notes OFF Active Sense System Reset	X X X O X X	O O X O O O	Sent on changing cards

Notes 1. For Mode selection, this device responds as 16 MIDI receivers, one for each MIDI channel. Each MIDI receiver accepts mode messages on its own MIDI channel (basic channel = MIDI channel of receiver). Each MIDI receiver operates in Mode 3 (default) or Mode 4 only.
 2. Aftertouch response is enabled by sending the System Exclusive message : F0 00 01 02 01 01 01 F7