

# MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
<b>Basic Channel</b> Default Changed	1-16, OFF 1-16, OFF	1-16, OFF 1-16, OFF	Memorized
<b>Mode</b> Default Messages Altered	Mode 3 × *****	Mode 3 × *****	
<b>Note Number</b> : True Voice	0-127 *****	0-127 0-127	
<b>Velocity</b> Note On Note Off	○ 9nH, v=1-127 ○ 8nH, v=64	○ ×	
<b>After Touch</b> Key's Channel's	○ ×	○ ×	
<b>Pitch Bend</b>	×	×	
<b>Control Change</b>	1 ○ (Pad, Pedal) *1 *2 2 ○ (Pad, Pedal) *1 *2 4 ○ (Pad, Pedal) *1 *2 11 ○ (Pad, Pedal) *1 *2 16-19 ○ (Pad, Pedal) *1 *2 88 ○ v=0-64 *3	○ *1 *2 ○ *1 *2 ○ *1 *2 ○ *1 *2 ○ *1 *2 ○ v=0-64 *3	Modulation Breath Controller Foot Controller Expression General Purpose Controller 1-4 High Resolution Velocity Prefix
<b>Program Change</b> : True Number	○ 0-127 *3 *****	○ 0-127 *3 0-127	Program No. 1-128
<b>System Exclusive</b>	○ *6	○ *3	
<b>System Common</b> : Song Position : Song Select : Tune Request	× × ×	× × ×	
<b>System Real Time</b> : Clock : Commands	× ×	○ *4 ×	
<b>Aux Messages</b> : All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Active Sensing : System Reset	○ × × × ○ ×	○ (120, 123-127) ○ × ○ *5 ○ ×	
<b>Notes</b>	*1 One is selected as the strike position. *2 One is selected as the hi-hat control pedal. *3 ○ × is selectable. *4 Receives when Sync Mode setting is "EXTERNAL" *5 The same result as All Sound Off. *6 Transmitted if Transmit Edit Data is on, or when RQ1 is received.		

Mode 1 : OMNI ON, POLY  
 Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO  
 Mode 4 : OMNI OFF, MONO

○ : Yes  
 × : No

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Function...	Transmitted	Recognized	Remarks
<b>Basic Channel</b> Default Changed	1-16, OFF 1-16, OFF	1-16, OFF 1-16, OFF	Memorized
<b>Mode</b> Default Messages Altered	Mode 3 × *****	Mode 3 × *****	
<b>Note Number</b> : True Voice	0-127 *****	0-127 0-127	
<b>Velocity</b> Note On Note Off	○ 9nH, v=1-127 ○ 8nH, v=64	○ ×	
<b>After Touch</b> Key's Channel's	○ ×	○ ×	
<b>Pitch Bend</b>	×	×	
<b>Control Change</b>	1 ○ (Pad, Pedal) *1 *2 2 ○ (Pad, Pedal) *1 *2 4 ○ (Pad, Pedal) *1 *2 11 ○ (Pad, Pedal) *1 *2 16-19 ○ (Pad, Pedal) *1 *2 88 ○ v=0-64 *3	○ *1 *2 ○ *1 *2 ○ *1 *2 ○ *1 *2 ○ *1 *2 ○ v=0-64 *3	Modulation Breath Controller Foot Controller Expression General Purpose Controller 1-4 High Resolution Velocity Prefix
<b>Program Change</b> : True Number	× *****	×	
<b>System Exclusive</b>	×	×	
<b>System Common</b> : Song Position : Song Select : Tune Request	× × ×	× × ×	
<b>System Real Time</b> : Clock : Commands	○ *3 ×	○ *4 *5 ○ *4 *6	
<b>Aux Messages</b> : All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Active Sensing : System Reset	× × × × × ×	× × × × × ×	
<b>Notes</b>	*1 One is selected as the strike position. *2 One is selected as the hi-hat control pedal. *3 ○ × is selectable. *4 Receives when Sync Mode setting is "EXTERNAL." *5 Applies to the tempo when the song is stopped. Does not apply to the tempo when the song is playing. *6 The song does not play/stop. When the START message is received while the song is stopped, the click playback is reset.		

Mode 1 : OMNI ON, POLY  
 Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON, MONO  
 Mode 4 : OMNI OFF, MONO

○ : Yes  
 × : No