

MIDI Implementation Chart

	Function	Recognized	Remark
Basic Channel	Default	1 - 16	Only 63-note polyphony available, if audio stream is active during MIDI playback. Otherwise , Only 62-note polyphony available, if audio stream is set louder speech active during MIDI playback
Mode	Message	Mode 3, Omni Off, Poly	
	Altered	X	
Note Number	Instrument	0 - 127	Melodic Pitch is kept at boundaries if note is out of range of a specific instrument.
	Drum	35 - 82	Percussive
		90 - 127	For LED/Motor/Audio synchronization.
Velocity	Note ON	O	
	Note OFF	O	
After Touch	Key's	X	
	Ch's	X	
Pitch Bend		O (0 - 127)	Range: +/- 2 semi-tones
Control Change	1	O (0-127)	Modulation Wheel Max depth is +/- 0.5 half tone
	7	O	Volume
	10	O	Pan
	64	O	Pedal [Sustain]
	98,99	O	NRPN LSB, MSB (for user events that notify to Middleware)
	120	O	All Sound Off
	121	O	Reset All Controllers
Program Change	True #	0 - 127	Program Number 0 - 127
System Exclusive		O	Only support SP-MIDI (can setting of channel priority.) and Tempo.
System Common	Song Pos	X	
	Song Sel	X	

	Tune	X	
System Real Time	Clock	X	MIDI File Record/Play
	Commands	X	
Aux Messages	Local On/Off	X	
	All Notes Off	X	
	Active Sense	X	
	Reset	X	
Meta Events	Lyric	O	
	End of Track	O	
	Set Tempo	O	
	Time Signature	O	
Running Status		O	

Revision History

Revision	Date	Modifications
A0	May 2005	<ul style="list-style-type: none"> Initial release.

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