

## MIDI Implementation Chart

Function		Transmitted	Recognized	Remarks
<b>Basic Channel</b>	Default	1	1-16	
	Changed	1-16	1-16	
<b>Mode</b>	Default	X	1	
	Changed	X	1-4	*1
	Altered	*****	X	
<b>Note Number</b>		1-127	1-127	*2
	True Voice	*****	1-127	
<b>Velocity</b>	Note On	O	O	
	Note Off	X	X	
<b>After Touch</b>		X	X	
<b>Pitch Bend</b>		X	O	*4
<b>Control Change</b>	0	X	X	
	1	X	O	Suborbit speed
	2	X	O	Suborbit size
	3	X	O	Orbit position X
	4	X	O	Orbit position Y
	5	X	O	Orbit width
	6	X	O	Orbit height
	7	X	O	Orbit shape roll
	8	X	O	Orbit shape warp
	9	X	O	Master volume
	10	X	O	Reverb amount
	11	X	O	Chorus mix
	12	X	O	Delay mix
	13	X	O	Envelope attack
	14	X	O	Envelope decay
	15	X	O	Envelope sustain
	16	X	O	Envelope release
	17	X	O	Vibrato speed
	18	X	O	Vibrato depth
	19	X	O	Tremolo speed
	20	X	O	Tremolo depth
	21	X	O	Drive amount
	22	X	O	Drive colour
	23	X	O	Reverb size

	24	X	O	Reverb colour
	25	X	O	Master resonance
	26	X	O	Delay time
	27	X	O	Delay feedback
	28	X	O	Chorus speed
	29	X	O	Chorus depth
	30	X	O	Chorus colour
	31	X	O	Arp. note length
	32	X	O	Arp. Humanize
	33	X	O	Mono co-volume
	34	X	O	Mono detune
	35	X	O	Mono voices
	36	X	O	Dual co-volume
	37	X	O	Dual detune
	38-127	X	X	
<b>Program Change</b>	0	X	X	
	1-50	X	O	
	51-127	X	X	
<b>System Common</b>	Song Position	X	X	
	Song Select	X	X	
	Tune Request	X	X	
<b>System Real Time</b>	Clock	O	O	*3
	Start	O	O	*3
	Continue	X	X	
	Stop	O	O	*3
<b>Aux Messages</b>	Local On/Off	X	X	
	All Notes Off	X	X	
	Active Sensing	X	X	
	System Reset	X	O	
<b>Notes:</b>				
*1: Can be only changed in user interface, not via MIDI				
*2: Notes played by the arpeggiator are transmitted				
*3: Can be disabled in user interface				
*4: Range: two semitones up/down				

Mode 1: Omni On, Poly  
Mode 3: Omni Off, Poly

Mode 2: Omni On, Mono  
Mode 4: Omni Off, Mono

O: Yes  
X: No