

# MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
<b>Basic Channel</b> Default Changed	10 1-16, OFF	10 1-16, OFF	Memorized
<b>Mode</b> Default Messages Altered	Mode 4 x *****	Mode 4 x *****	*1 *1
<b>Note Number :</b> : True Voice	*1 *****	*1	
<b>Velocity</b> Note On Note Off	o 9nH o 8nH v=00	o *2 o	
<b>After Touch</b> Key's Channel's	x x	x x	
<b>Pitch Bend</b>	x	x	
<b>Control Change</b>	9 o	o	SHUFFLE
	12 o	o	EXTERNAL IN LEVEL
	13 o	o	EXTERNAL IN SIDE CHAIN
	16 o	o	DELAY LEVEL
	17 o	o	DELAY TIME
	18 o	o	DELAY FEEDBACK
	20 o	o	BD TUNE
	21 o	o	BD ATTACK
	22 o	o	BD COMP
	23 o	o	BD DECAY
	24 o	o	BD LEVEL
	25 o	o	SD TUNE
	26 o	o	SD SNAPPY
	27 o	o	SD COMP
	28 o	o	SD DECAY
	29 o	o	SD LEVEL
	46 o	o	LT TUNE
	47 o	o	LT DECAY
	48 o	o	LT LEVEL
	49 o	o	MT TUNE
	50 o	o	MT DECAY
	51 o	o	MT LEVEL
	52 o	o	HT TUNE
	53 o	o	HT DECAY
54 o	o	HT LEVEL	
55 o	o	RS TUNE	
56 o	o	RS DECAY	
57 o	o	RS LEVEL	
58 o	o	HC TUNE	
59 o	o	HC DECAY	
60 o	o	HC LEVEL	
61 o	o	CH TUNE	
62 o	o	CH DECAY	
63 o	o	CH LEVEL	
68 x	o	SCATTER TYPE	
69 x	o	SCATTER DEPTH	
70 x	o	SCATTER SW	
71 o	o	ACCENT	
80 o	o	OH TUNE	
81 o	o	OH DECAY	
82 o	o	OH LEVEL	
83 o	o	CC TUNE	
84 o	o	CC DECAY	
85 o	o	CC LEVEL	
86 o	o	RC TUNE	
87 o	o	RC DECAY	
88 o	o	RC LEVEL	
89 o	o	REVERB TIME	
90 o	o	REVERB GATE	
91 o	o	REVERB LEVEL	
<b>Program Change</b> : True Number	x *****	o 1-15	
<b>System Exclusive</b>	x	x	
<b>System Common</b> : Song Position : Song Select : Tune Request	x x x	x x x	
<b>System Real Time</b> : Clock : Start : Continue : Stop	o o x o	o o o o	*3
<b>Aux Messages</b> : All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Omni Mode Off : Omni Mode On : Mono Mode On : Poly Mode On : Active Sensing : System Reset	o o x o x x x x o x	o o x o o o o o o x	Transmitted: MIDI OFFLINE Transmitted: MIDI OFFLINE  Transmitted: MIDI OFFLINE *4 *4 *4 *4

<b>Notes</b>	*1		
	<u>Inst.</u>	<u>Note Number</u>	
	BASS DRUM	35, 36	
	SNARE DRUM	38, 40	
	LOW TOM	41, 43	
	MID TOM	45, 47	
	HIGH TOM	48, 50	
	RIM SHOT	37	
	HAND CLAP	39	
	CLOSED HI-HAT	42, 44	
	OPEN HI-HAT	46	
	CRASH CYMBAL	49	
	RIDE CYMBAL	51	
	*2		
	<u>Velocity</u>	<u>TR-909</u>	<u>TR-808</u>
	50	Accent Off	---
	80	Accent +1	Accent Off
	110	Accent +2	Accent +1
	*3 The same processing will be carried out as when Start is received.		
	*4 The same processing will be carried out as when All Notes Off is received.		

Mode 1 : OMNI ON, POLY    Mode 2 : OMNI ON, MONO  
Mode 3 : OMNI OFF, POLY    Mode 4 : OMNI OFF, MONO

O : Yes  
X : No