

MIDI Implementation Chart

Function...	Transmitted	Recognized	Remarks
Basic Channel	1-16 *1	1-16 *1	
Mode			
Note Number	0-127	0-127	
Velocity : Note On : Note Off	o x	o x	
After Touch	x	x	
Pitch Bend	o	o	
Control Change	1 o	o	MODULATION
	3 o	o	LFO RATE*1
	5 o	o	PORTAMENTO TIME
	9 o	o	LFO DELAY TIME*1
	11 x	o	EXPRESSION PEDAL
	12 o	o	LFO WAVE*1
	13 o	o	VCO MOD LFO MOD*1
	14 o	o	VCO MOD ENV MOD*1
	15 o	o	VCO MOD FREQ MOD*1
	16 o	o	VCO MOD PWM*1
	17 o	o	VCO MOD PWM SEL*1
	18 o	o	VCO-1 CROSS MOD*1
	19 o	o	VCO-1 RANGE*1
	20 o	o	VCO-1 WAVE*1
	21 o	o	VCO-2 SYNC*1
	22 o	o	VCO-2 RANGE*1
	23 o	o	VCO-2 TUNE*1
	24 o	o	VCO-2 WAVE*1
	25 o	o	SOURCE MIX*1
	26 o	o	HPF CUTOFF*1
	27 o	o	VCF SLOPE*1
	28 o	o	VCF ENV MOD*1
	29 o	o	VCF ENV MOD SEL*1
	30 o	o	VCF LFO MOD*1
	31 o	o	VCF KEY FOLLOW*1
	35 o	o	VCA LEVEL*1
	46 o	o	VCA LFO MOD*1
	47 o	o	ENV-1 ATTACK*1
	52 o	o	ENV-1 DECAY*1
	53 o	o	ENV-1 SUSTAIN*1
	54 o	o	ENV-1 RELEASE*1
	55 o	o	ENV-1 POLARITY*1
	56 o	o	ENV-2 SUSTAIN*1
	57 o	o	ENV-2 KEY FOLLOW*1
	64 x	o	HOLD
	65 o	o	PORTAMENTO
	71 o	o	VCF RESONANCE*1
	72 o	o	ENV-2 RELEASE*1
	73 o	o	ENV-2 ATTACK*1
	74 o	o	VCF CUTOFF*1
	75 o	o	ENV-2 DECAY*1
	80 o	o	DUAL SWITCH
	81 o	o	CURRENT PART
	82 o	o	DELAY TIME
	83 o	o	DELAY FEEDBACK
	86 o	o	ASSIGN MODE
	87 o	o	BEND RANGE*1
	91 o	o	DELAY LEVEL
Program Change	0-71	0-71	0-63: Patch 64-71: Patch Preset
System Exclusive	x	x	
System Common : Song Position : Song Select : Tune Request	x x x	x x x	
System Real Time : Clock : Start : Continue : Stop	o o x o	o o o o	
Aux Messages : All Sound Off : Reset All Controllers : Local On/Off : All Notes Off : Omni Mode Off : Omni Mode On : Mono Mode On : Mono Mode Off : Active Sensing : System Reset	x x x x x x x x x x	o o x o o o o o o x	*2 *2 *2 *2 *2
Notes *1 The control changes of the Lower part are transmitted and received on the channel that is one higher (+1) than the specified channel. However, if channel 16 is specified, the Lower part uses channel 1. *2 Same process as All Note Off.			

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

O : Yes
X : No