

# MIDI Implementation Chart

SOUND MODULE  
Model: SH-01A

Date: Aug. 8, 2017  
Version 1.00

Function...	Transmitted	Recognized	Remarks
<b>Basic Channel</b> Default Changed	1-16	1-16	
<b>Mode</b> Default Messages Altered	Mode 3	Mode 3	
<b>Note Number :</b> True Voice	0-127	0-127	
<b>Velocity</b> Note On Note Off	o x	o x	
<b>After Touch</b>	x	x	
<b>Pitch Bend</b>	o	o	
<b>Control Change</b>	1 o 3 o 5 o 11 x 12-31 o 64, 65 x 71-87 o	o o o o o o o	For details, refer to "Control change list."
<b>Program Change</b>	0-63	0-63	
<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	
<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	x x x x x x x x x x	o o x o o o o o o x	*1  *1 *1 *1 *1
<b>Notes</b>	*1 Same process as All Note Off.		

## Control change list

Control Change	Explanation
1	MODULATION
3	LFO RATE
5	PORTAMENTO TIME
11	EXPRESSION PEDAL
12	LFO WAVE FORM
13	VCO MOD DEPTH
14	VCO RANGE
15	VCO PULSE WIDTH
16	VCO PWM SOURCE
17	VCO MOD SENS
18	VCO BEND DEPTH
19	VCO PWM LEVEL
20	VCO SAW LEVEL
21	VCO SUB LEVEL
22	VCO SUB TYPE
23	VCO NOISE LEVEL
24	VCF ENV DEPTH
25	VCF MOD DEPTH
26	VCF KEY FOLLOW
27	VCF BEND DEPTH
28	VCA ENV SW
29	VCA ENV MODE
30	ENV SUSTAIN
31	PORTAMENT MODE
64	HOLD
65	PORTAMENTO
71	VCF RESONANCE
72	ENV RELEASE
73	ENV ATTACK
74	VCF CUTOFF
75	ENV DECAY
76	TUNE
77	TRANSPOSE SW
78	NOISE MODE
79	LFO MODE
80	ASSIGN MODE
81	CHORD VOICE 2 SW
82	CHORD VOICE 3 SW
83	CHORD VOICE 4 SW
85	CHORD VOICE 2 KEY SHIFT
86	CHORD VOICE 3 KEY SHIFT
87	CHORD VOICE 4 KEY SHIFT