

**Model: volca keys**

**MIDI Implementation Chart**

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	*****	1 – 16	Memorized
	Changed	*****	1 – 16	
Mode	Memorized	×	3	
	Messages	×	×	
	Altered	*****		
Note Number:	True Voice	*****	0 – 127	*1
		*****	0 – 127	*1
Velocity	Note On	×	○ 9n, V=1 – 127	
	Note Off	×	×	
Aftertouch	Polyphonic (Key)	×	×	
	Monophonic (Channel)	×	×	
Pitch Bend		×	○	*1
Control Change	5	×	○	PORTAMENTO *1
	11	×	○	EXPRESSION *1, *3
	40	×	○	VOICE *1
	41	×	○	OCTAVE *1
	42	×	○	DETUNE *1
	43	×	○	VCO EG INT *1
	44	×	○	CUTOFF *1
	45	×	○	VCF EG INT *1
	46	×	○	LFO RATE *1
	47	×	○	LFO PITCH INT *1
	48	×	○	LFO CUTOFF INT *1
	49	×	○	EG ATTACK *1
	50	×	○	EG DECAY/RELEASE *1
	51	×	○	EG SUSTAIN *1
	52	×	○	DELAY TIME *1
53	×	○	DELAY FEEDBACK *1	
Program Change	Variable Range	×	×	
		*****	*****	
System Exclusive		×	×	
System Common	Song Position	×	○	*2
	Song Select	×	×	
	Tune	×	×	
System Real Time	Clock Command	×	○	*2
		×	○	*2
Aux Messages	Local On/Off	×	×	
	All Notes Off	×	○ 123 – 127	
	Active Sense	×	○	
	Reset	×	×	

Notes \*1: Received when global parameter MIDI RX ShortMessage is set to ON.

\*2: Not received when global parameter MIDI Clock src is set to Internal; received when set to Auto.

\*3: Cannot be changed with machine operations; can only be changed with MIDI.

Mode 1: OMNI ON, POLY

Mode 2: OMNI ON, MONO

○ : Yes

Mode 3: OMNI OFF, POLY

Mode 4: OMNI OFF, MONO

× : No

Consult your local Korg distributor for more information on MIDI IMPLEMENTATION.