[DIGITAL PERCUSSION SYNTHESIZER]
Model: volca drum

MIDI Implementation Chart

Date: 2019.2.20
Version: 1.00

Function...		Transmitted	Received	Remarks	
Basic Channel	Default	*************	1-16	Memorized	
	Change	*************	1-16		
Mode	Default	X	3		
	Messages	X	X		
	Altered	*************	*************		
Note Number		*************	0–127		*1
	True voice	*************	*************	Each sound does not correspond to a note number.	*1
Velocity	Note On	X	O 9n, V=1–127		
	Note Off	X	X		
After Touch	Key's	X	X		
	Channel	X	X		
Pitch Bend		X	X		
Control Change	14, 15, 16, 17	X	O	PART1: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	18, 19, 20	X	O	PART1: PITCH1-2, EGATT1-2, EGREL1-2	*1
	103, 109	X	O	PART1: SEND, PAN	*1
	23, 24, 25, 26	X	O	PART2: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	27, 28, 29	X	O	PART2: PITCH1-2, EGATT1-2, EGREL1-2	*1
	104, 110	X	O	PART2: SEND, PAN	*1
	46, 47, 48, 49	X	O	PART3: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	50, 51, 52	X	O	PART3: PITCH1-2, EGATT1-2, EGREL1-2	*1
	105, 111	X	O	PART3: SEND, PAN	*1
	55, 56, 57, 58	X	O	PART4: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	59, 60, 61	X	O	PART4: PITCH1-2, EGATT1-2, EGREL1-2	*1
	106, 112	X	O	PART4: SEND, PAN	*1
	80, 81, 82, 83	X	O	PART5: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	84, 85, 86	X	O	PART5: PITCH1-2, EGATT1-2, EGREL1-2	*1
	107, 113	X	O	PART5: SEND, PAN	*1
	89, 90, 96, 97	X	O	PART6: SELECT1-2, LEVEL1-2, MODAMT1-2, MODRATE1-2	*1
	98, 99, 100	X	O	PART6: PITCH1-2, EGATT1-2, EGREL1-2	*1
	108, 114	X	O	PART6: SEND, PAN	*1
	116, 117, 118, 119	X	O	WAVEGUIDE MODEL, DECAY, BODY, TUNE	*1
Program Change		X	O		
	True Number	*************	*************		
System Exclusive		X	X		
System Common	Song Position	X	O		*2
	Song Select	X	X		
	Tune Request	X	X		
System Real Time	Clock	X	O		*2
	Commands	X	O		*2
Aux Meassages	Local On/Off	X	X		
	All Notes Off	X	X		
	Active Sensing	X	O		
	System Reset	X	X		

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.

This is an alternate implementation which can be selected by setting a specific MIDI channel.
The factory default implementation, split channels, can be reverted to by deselecting the MIDI channel.

Mode 1: Omni On, Poly	Mode 2: Omni On, Mono	O: Yes
Mode 3: Omni Off, Poly	Mode 4: Omni Off, Mono	X: No

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