[VACUUM TUBE SYNTHESIZER]
Model: volca nubass

MIDI Implementation Chart

Date: 2019.1.16
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	**********	0–127	*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	40	X	O	VTO PITCH *1
	41	X	O	VTO SATURATION *1
	42	X	O	VTO LEVEL *1
	43	X	O	VCF CUTOFF *1
	44	X	O	VCF PEAK *1
	45	X	O	VCF ATTACK *1
	46	X	O	VCF DECAY *1
	47	X	O	VCF EG INT *1
	48	X	O	ACCENT *1
	49	X	O	LFO RATE *1
	50	X	O	LFO INT *1
Program Change		X	X	
	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	O 123–127	*1
	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.

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.