

# MIDI Implementation Chart

Function...		Transmitted	Received	Remarks
Basic Channel	Default Change	1-16 1-16	1-16 1-16	Memorized
Mode	Default Messages Altered	X O *****	3 X X	*1
Note Number	True Voice	0-127 *****	0-127 0-108	*5
Velocity	Note On Note Off	O 9n, V=1-127 X 8n, V=64	O 9n, V=1-127 X	Buttons, X-Y Pad *3
After Touch	Key's Channel	X O	X X	MOD wheel
Pitch Bend		O	O	PITCH wheel, X-Y Pad
Control Change	0, 32 1 5, 7, 10 11 64 65, 66, 67 71-78 6, 38 100, 101 120, 121 0-127	O O X O O X X X X X O	O O O O O O O O O O X	Bank Select (MSB, LSB) Modulation Portament Time, Volume, Pan Expression Damper Portament Switch, Sostenuto, Soft Sound Data Entry (MSB, LSB) RPN (LSB, MSB) All Sound Off, Reset All Controller knobs, sliders, buttons, Trigger Pad Mod Wheel, X-Y Pad, SW Pedal, EXP Pedal *1 *1 *1 *1 *1 *1
Program Change	True Number	O 0-127 *****	O 0-127 0-127	*2
System Exclusive		O	O	*6
System Common	Song Position Song Select Tune Request	X X X	X X X	
System Real Time	Clock Commands	O X	O X	*4
Aux Meassages	Local On/Off All Notes Off Active Sense System Reset	O O O X	X O (123-127) X X	*1 *1

## Notes

- \*1: Available to transmit depending on the control mode or setting of the parameter.
- \*2: Available to transmit by the Trigger Pad depending on setting.
- \*3: Available to transmit the note off message of 9n,v=0 depending on the control mode.
- \*4: Transmit only, no receiving, when the MIDI Clock of the Global mode is Internal. Vice versa when it is External.
- \*5: Not entire range is available to be played depending on a program.
- \*6: Corresponding to the Mackie control and the inquiry message in addition to the Korg exclusive.

Mode 1: Omni On, Poly  
 Mode 3: Omni Off, Poly

Mode 2: Omni On, Mono  
 Mode 4: Omni Off, Mono

O: Yes  
 X: No

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