

<b>Transmitted Data</b>			kk = key number 0 to 127
			vv = value 0 to 127
			n = MIDI channel
Channel Data			
Status (Hex)	Second (Hex)	Third	Description
8n	kk	xx	Note Off (xx = velocity not used)
9n	kk	vv	Note On (vv = velocity)
Bn	00	bb	Bank Select MSB (bb = bank number 0 - 127)
Bn	01	vv	Modulation
Bn	04	vv	Foot Controller (ExpPed on the Solaris)
Bn	06	vv	Data entry MSB
Bn	07	vv	Volume
Bn	10	vv	Joystick X MSB
Bn	11	vv	Joystick Y MSB
Bn	12	vv	Ribbon 1 MSB
Bn	13	vv	Ribbon 2 MSB
Bn	20	vv	Bank Select LSB
Bn	26	vv	Data entry LSB
Bn	30	vv	Joystick X LSB
Bn	31	vv	Joystick Y LSB
Bn	32	vv	Ribbon 1 LSB
Bn	33	vv	Ribbon 2 LSB
Bn	40	vv	Damper Pedal (Sustain)
Bn	42	vv	Sostenuto
Bn	62	vv	Non-Registered Parameter Number LSB
Bn	63	vv	Non-Registered Parameter Number MSB
Cn	pp	--	Program Change (pp = program number 1 - 127)
Dn	vv	--	Channel Pressure (Aftertouch)
En	yy	zz	Pitch Bend (yy = LSB, zz = MSB)
* Joystick X and Y value range: 0 to 1023 (10 bits)			
** Ribbon value range: 0 to 1023 (10 bits)			
System Realtime Messages			
Status (Hex)	Description		
F8	Timing Clock		
FA	Start		
FC	Stop		

<b>Received Data</b>			kk = key number 0 to 127
			vv = value 0 to 127
			n = MIDI channel
Channel Data			
Status (Hex)	Second (Hex)	Third	Description
8n	kk	xx	Note Off (xx = velocity not used)
9n	kk	00	Note Off
9n	kk	vv	Note On (vv = velocity 1 - 127)
An	kk	vv	Polyphonic Key Pressure (vv = pressure value)
Bn	00	bb	Bank Select MSB (bb = bank number 0 - 127)
Bn	01	vv	Modulation
Bn	04	vv	Foot Controller (ExpPed on the Solaris)
Bn	06	vv	Data entry MSB
Bn	07	vv	Volume
Bn	0A	vv	Pan
Bn	0B	vv	Expression
Bn	10	vv	Joystick X MSB
Bn	11	vv	Joystick Y MSB
Bn	12	vv	Ribbon 1 MSB
Bn	13	vv	Ribbon 2 MSB
Bn	20	vv	Bank Select LSB
Bn	26	vv	Data entry LSB
Bn	30	vv	Joystick X LSB
Bn	31	vv	Joystick Y LSB
Bn	32	vv	Ribbon 1 LSB
Bn	33	vv	Ribbon 2 LSB
Bn	40	vv	Damper Pedal (sustain)
Bn	42	vv	Sostenuto
Bn	62	vv	Non-Registered Parameter Number LSB
Bn	63	vv	Non-Registered Parameter Number MSB
Bn	78	00	All Sound Off
Bn	79	00	Reset Controllers
Bn	7B	00	All Notes Off
Cn	pp	--	Program Change (pp = program number 1 - 127)
Dn	vv	--	Channel Pressure (Aftertouch)
En	yy	zz	Pitch Bend (yy = LSB, zz = MSB)
System Realtime Messages			
Status (Hex)	Description		
F8	Timing Clock		
FA	Start		
FC	Stop		

<b>Reset Controllers sets the following (decimal):</b>			
Modulation		0	
Volume		100	(Only if MIDI Volume control is enabled)
Pan		64	Center
Expression		127	
Joystick X MSB		64	
Joystick X LSB		0	
Joystick Y MSB		64	
Joystick Y LSB		0	
Ribbon 1 MSB		64	
Ribbon 1 LSB		0	
Ribbon 2 MSB		64	
Ribbon 2 LSB		0	
Damper Pedal (sustain)		0	
Sostenuto		0	
Pitch		0	
Channel Pressure		0	
Polyphonic Key Pressure		0	