

MIDI Implementation Chart v. 2.0 (Page 1 of 3)			
Manufacturer: Model: Gervill	Version: 0.1	Date: 2007-09-21	
	Transmit/Export	Recognize/Import	Remarks
<b>1. Basic Information</b>			
MIDI channels	No	1 - 16	
Note numbers	No	1 - 128	
Program change	No	1 - 128	
Bank Select response? (Yes/No)	No	Yes	
If yes, list banks utilized in remarks column			
Modes supported :	Mode 1: Omni-On, Poly (Yes/No)	No	No
	Mode 2: Omni-On, Mono (Yes/No)	No	No
	Mode 3: Omni-Off, Poly (Yes/No)	No	Yes
	Mode 4: Omni-Off, Mono (Yes/No)	No	Yes
Multi Mode (Yes/No)	No	Yes	
Note-On Velocity (Yes/No)	No	Yes	
Note-Off Velocity (Yes/No)	No	No	
Channel Aftertouch (Yes/No)	No	Yes	
Poly (Key) Aftertouch (Yes/No)	No	Yes	
Pitch Bend (Yes/No)	No	Yes	
Active Sensing (Yes/No)	No	Yes	
System Reset (Yes/No)	No	Yes	
Tune Request (Yes/No)	No	No	
Universal System Exclusive:	Sample Dump Standard (Yes/No)	No	No
	Device Inquiry (Yes/No)	No	No
	File Dump (Yes/No)	No	No
	MIDI Tuning (Yes/No)	No	Yes
	Master Volume (Yes/No)	No	Yes
	Master Balance (Yes/No)	No	Yes
	Notation Information (Yes/No)	No	No
	Turn GM1 System On (Yes/No)	No	Yes
	Turn GM2 System On (Yes/No)	No	Yes
	Turn GM System Off (Yes/No)	No	Yes
	DLS-1 (Yes/No)	No	Yes
	File Reference (Yes/No)	No	No
	Controller Destination (Yes/No)	No	Yes
	Key-based Instrument Ctrl (Yes/No)	No	Yes
	Master Fine/Coarse Tune (Yes/No)	No	Yes
	Other Universal System Exclusive	No	Yes
Manufacturer or Non-Commercial System Exclusive			
NRPNs (Yes/No)	No	Yes	GS/XG NRPN voice editing parameters
RPN 00 (Pitch Bend Sensitivity) (Yes/No)	No	Yes	
RPN 01 (Channel Fine Tune) (Yes/No)	No	Yes	
RPN 02 (Channel Coarse Tune) (Yes/No)	No	Yes	
RPN 03 (Tuning Program Select) (Yes/No)	No	Yes	
RPN 04 (Tuning Bank Select) (Yes/No)	No	Yes	
RPN 05 (Modulation Depth Range) (Yes/No)	No	Yes	
<b>2. MIDI Timing and Synchronization</b>			
MIDI Clock (Yes/No)	No	No	
Song Position Pointer (Yes/No)	No	No	
Song Select (Yes/No)	No	No	
Start (Yes/No)	No	No	
Continue (Yes/No)	No	No	
Stop (Yes/No)	No	No	
MIDI Time Code (Yes/No)	No	No	
MIDI Machine Control (Yes/No)	No	No	
MIDI Show Control (Yes/No)	No	No	
If yes, MSC Level supported			
<b>3. Extensions Compatibility</b>			
General MIDI compatible? (Level(s)/No)		Level 2	
Is GM default power-up mode? (Level/No)		No*	* GS/XG voice editing NRPNs are enabled.
DLS compatible? (Levels(s)/No)		Level 2 (DLS 2.2)	Also supports SoundFont 2.04
(DLS File Type(s)/No)		.DLS	
Standard MIDI Files (Type(s)/No)		No	
XMF Files (Type(s)/No)		No	
SP-MIDI compatible? (Yes/No)		No	

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Control#	Function#	Transmitted (Y/N)	Recognized (Y/N)	Remarks
0	Bank Select (MSB)	N	Y	
1	Modulation Wheel (MSB)	N	Y	
2		N	N	
3		N	N	
4		N	N	
5	Portamento Time (MSB)	N	Y	$10^{(0.5-5 \cdot \text{asin}(\text{cc5}/64-1)/\pi)} = \text{cent/msec}$
6	Data Entry (MSB)	N	Y	
7	Channel Volume (MSB)	N	Y	$40 \cdot \log_{10}(\text{cc7}/128) = \text{dB}$
8	Balance (MSB)	N	Y	
9		N	N	
10	Pan (MSB)	N	Y	
11	Expression (MSB)	N	Y	$40 \cdot \log_{10}(\text{cc11}/128) = \text{dB}$
12		N	N	
13		N	N	
14		N	N	
15		N	N	
16		N	N	
17		N	N	
18		N	N	
19		N	N	
20		N	N	
21		N	N	
22		N	N	
23		N	N	
24		N	N	
25		N	N	
26		N	N	
27		N	N	
28		N	N	
29		N	N	
30		N	N	
31		N	N	
32	Bank Select (LSB)	N	Y	
33		N	N	
34		N	N	
35		N	N	
36		N	N	
37		N	N	
38	Data Entry (LSB)	N	Y	
39		N	N	
40		N	N	
41		N	N	
42		N	N	
43		N	N	
44		N	N	
45		N	N	
46		N	N	
47		N	N	
48		N	N	
49		N	N	
50		N	N	
51		N	N	
52		N	N	
53		N	N	
54		N	N	
55		N	N	
56		N	N	
57		N	N	
58		N	N	
59		N	N	
60		N	N	
61		N	N	
62		N	N	
63		N	N	

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Control#	Function#	Transmitted (Y/N)	Recognized (Y/N)	Remarks
64	Sustain Pedal	N	Y	
65	Portamento On/Off	N	Y	
66	Sostenuto	N	Y	
67	Soft Pedal	N	Y	
68		N	N	
69		N	N	
70		N	N	
71	Sound Controller 2 (default: Timbre / Harmonic Quality)	N	Y	+/- 6400 cents (Filter Cutoff)
72	Sound Controller 3 (default: Release Time)	N	Y	+/- 6 sec
73	Sound Controller 4 (default: Attack Time)	N	Y	+/- 2 sec
74	Sound Controller 5 (default: Brightness)	N	Y	+/- 20 db (Filter Resonance)
75	Sound Controller 6 (GM2 default: Decay Time)	N	Y	+/- 6 sec
76	Sound Controller 7 (GM2 default: Vibrato Rate)	N	Y	+/- 2400 cents
77	Sound Controller 8 (GM2 default: Vibrato Depth)	N	Y	+/- 600 cents
78	Sound Controller 9 (GM2 default: Vibrato Delay)	N	Y	+/- 2 sec
79		N	N	
80		N	N	
81		N	N	
82		N	N	
83		N	N	
84	Portamento Control	N	Y	
85		N	N	
86		N	N	
87		N	N	
88		N	N	
89		N	N	
90		N	N	
91	Effects 1 Depth (default: Reverb Send)	N	Y	
92		N	N	
93	Effects 3 Depth (default: Chorus Send)	N	Y	
94		N	N	
95		N	N	
96	Data Increment	N	Y	
97	Data Decrement	N	Y	
98	Non-Registered Parameter Number (LSB)	N	Y	
99	Non-Registered Parameter Number(MSB)	N	Y	
100	Registered Parameter Number (LSB)	N	Y	
101	Registered Parameter Number(MSB)	N	Y	
102		N	N	
103		N	N	
104		N	N	
105		N	N	
106		N	N	
107		N	N	
108		N	N	
109		N	N	
110		N	N	
111		N	N	
112		N	N	
113		N	N	
114		N	N	
115		N	N	
116		N	N	
117		N	N	
118		N	N	
119		N	N	
120	All Sound Off	N	Y	
121	Reset All Controllers	N	Y	
122		N	N	
123	All Notes Off	N	Y	
124		N	N	
125		N	N	
126	Poly Mode Off	N	Y	
127	Poly Mode On	N	Y	