MIDI implementation chart (part 1)

Manufacturer: Zivix	Model: Jamstik	Version: 2.071	Date: 2014/10/24	
		Transmit/Export	**Recognize/Import**	**Remarks**
1. Basic information				
MIDI channels		1-6 (Omni), or 1 (Single Channel)	Not Supported	Default TX is Omni-channels 1-6. One channel per string. Channel 1 = High E string Channel 6=Low E string. Single Channel mode is also available
Note numbers		1-127 configurable/custom per string	Not Supported	
Program change		No	No	
Bank select response? (Yes/No)		No	No	
If yes, list banks utilized in remarks column			No	
Modes supported:	Mode 1: Omni-On, Poly (Yes/No)	Yes	No	
	Mode 2: Omni-On, Mono (Yes/No)	No	No	
	Mode 3: Omni-Off, Poly (Yes/No)	Yes	No	
	Mode 4: Omni-Off, Mono (Yes/No)	No	No	
	Multi Mode (Yes/No)	No	No	
Note-On Velocity (Yes/No)		Yes	No	
Note-Off Velocity (Yes/No)		No	No	Note-off velocity is always 0
Channel Aftertouch (Yes/No)		No	No	
Poly (Key) Aftertouch (Yes/No)		No	No	
Pitch Bend (Yes/No)		Yes	No	When String-bend is Enabled via Configuration Settings (off by default)
Active Sensing (Yes/No)		No	No	
System Reset (Yes/No)		No	No	
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	No	
	Master Volume (Yes/No)	No	No	
	Master Balance (Yes/No)	No	No	
	Notation Information (Yes/No)	No	No	
	Turn GM1 System On (Yes/No)	No	No	
	Turn GM2 System On (Yes/No)	No	No	
	Turn GM System Off (Yes/No)	No	No	
	DLS-1 (Yes/No)	No	No	
	File Reference (Yes/No)	No	No	
	Controller Destination (Yes/No)	No	No	
	Key-based Instrument Ctrl (Yes/No)	No	No	
	Master Fine/Coarse Tune (Yes/No)	No	No	
	Other Universal System Exclusive	No	No	
Manufacturer or Non-Commercial System Exclusive		Yes	Yes	Some JamStik(TM) SysEx Messages may be published at a later date.
NRPNs (Yes/No)		No	No	

MIDI implementation chart (part 1)				
Manufacturer: Zivix	**Model: Jamstik**	**Version: 2.071**	**Date: 2014/10/24**	
	Transmit/Export	Recognize/Import	Remarks	
RPN 00 (Pitch Bend Sensitivity) (Yes/No)	No	No		
RPN 01 (Channel Fine Tune) (Yes/No)	No	No		
RPN 02 (Channel Coarse Tune) (Yes/No)	No	No		
RPN 03 (Tuning Program Select) (Yes/No)	No	No		
RPN 04 (Tuning Bank Select) (Yes/No)	No	No		
RPN 05 (Modulation Depth Range) (Yes/No)	No	No		
2. MIDI Timing and Synchronization				
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 supporte	n/a	n/a		
3. Extensions Compatibility				
General MIDI compatible? (Level(s)/No)	No	No		
Is GM default power-up mode? (Level/No)	No	No		
DLS compatible? (Levels(s)/No)	No	No		
(DLS File Type(s)/No)	No	No		
Standard MIDI Files (Type(s)/No)	No	No		
XMF Files (Type(s)/No)	No	No		
SP-MIDI compatible? (Yes/No)	No	No		

MIDI implementation chart				
Manufacturer:	Zivix Model: Jamstik	Version: 2.057	Date: 2014/10/24	
Control #	Function	Transmitted (Y/N)	Recognized (Y/N)	Remarks
0	Bank Select (MSB)	No	No	
1	Modulation Wheel (MSB)	Yes	No	Requires FW 2.071 or later. Finger modulation can be mapped to Modulation Wheel. Finger Modulation Modes are cycled by holding left and pressing Right on the dpad. (Off by default). In Mode 1, finger touch is mapped to the Expression Controller (#11), In Mode 2, finger touch is mapped to Modulation wheel (#1)
2	Breath Controller (MSB)	No	No	
3		No	No	
4	Foot Controller (MSB)	No	No	
5	Portamento Time (MSB)	No	No	
6	Data Entry (MSB)	No	No	
7	Channel Volume (MSB)	No	No	
8	Balance (MSB)	No	No	
9			No	
10	Pan (MSB)	No	No	
11	Expression (MSB)	Yes	No	Requires FW 2.071 or later. Finger modulation can be mapped to Expression. Finger Modulation Modes are cycled by holding left and pressing Right on the dpad. (Off by default). In Mode 1, finger touch is mapped to the Expression Controller (#11), In Mode 2, finger touch is mapped to Modulation wheel (#1)
12	Effect Control 1 (MSB)	No	No	
13	Effect Control 2 (MSB)	No	No	
14		No	No	
15			No	
16	General Purpose Controller 1 (MSB)	Yes	No	Mapped to Enter Button (127=pressed, 0=released)
17	General Purpose Controller 2 (MSB)	No	No	
18	General Purpose Controller 3 (MSB)	Yes	No	Mapped to Mute Button (127=pressed, 0=released)
19	General Purpose Controller 4 (MSB)	No	No	
20	General Purpose Controller 5 (MSB)	Yes	No	Mapped to DPad Up (127=pressed, 0=released)
21	General Purpose Controller 6 (MSB)	Yes	No	Mapped to DPad Down (127=pressed, 0=released)
22	General Purpose Controller 7 (MSB)	Yes	No	Mapped to DPad Left (127=pressed, 0=released)
23	General Purpose Controller 8 (MSB)	Yes	No	Mapped to DPad Right (127=pressed, 0=released)
24		No	No	
25		No	No	
26		No	No	
27		No	No	
28		No	No	
29		No	No	
30		No	No	
31		No	No	
32	Bank Select (LSB)	No	No	
33	Modulation Wheel (LSB)	No	No	
34	Breath Controller (LSB)	No	No	
35		No	No	
36	Foot Controller (LSB)	No	No	

Manufacturer:	Zivix Model: Jamstik		Version: 2.057	Date: 2014/10/24	
Control #	Function	Transmitted (Y/N)	Recognized (Y/N)	Remarks
37	Portamento Time (LSB)	No	No	
38	Data Entry (LSB)	No	No	
39	Channel Volume (LSB)	No	No	
40	Balance (LSB)	No	No	
41		No	No	
42	Pan (LSB)	No	No	
43	Expression (LSB)	No	No	
44	Effect Control 1 (LSB)	No	No	
45	Effect Control 2 (LSB)	No	No	
46		No	No	
47		No	No	
48	General Purpose Controller 1 (LSB)	No	No	
49	General Purpose Controller 2 (LSB)	No	No	
50	General Purpose Controller 3 (LSB)	No	No	
51	General Purpose Controller 4 (LSB)	No	No	
52		No	No	
53		No	No	
54		No	No	
55		No	No	
56		No	No	
57		No	No	
58		No	No	
59		No	No	
60		No	No	
61		No	No	
62		No	No	
63		No	No	
64	Sustain Pedal	No	No	
65	Portamento On/Off	No	No	
66	Sostenuto	No	No	
67	Soft Pedal	No	No	
68	Legato Footswitch	No	No	
69	Hold 2	No	No	
70	Sound Controller 1 (default: Sound Variation)	No	No	
71	Sound Controller 2 (default: Timbre / Harmonic Quality)	No	No	
72	Sound Controller 3 (default: Release Time)	No	No	
73	Sound Controller 4 (default: Attack Time)	No	No	
74	Sound Controller 5 (default: Brightness)	No	No	
75	Sound Controller 6 (GM2 default: Decay Time)	No	No	
76	Sound Controller 7 (GM2 default: Vibrato Rate)	No	No	
77	Sound Controller 8 (GM2 default: Vibrato Depth)	No	No	
78	Sound Controller 9 (GM2 default: Vibrato Delay)	No	No	
79	Sound Controller 10 (GM2 default: Undefined)	No	No	
80	General Purpose Controller 5	No	No	

Manufacturer:	Zivix Model: Jamstik		Version: 2.057	Date: 2014/10/24	
Control #	Function	Transmitted (Y/N)	Recognized (Y/N)	Remarks	
81	General Purpose Controller 6	No	No		
82	General Purpose Controller 7	No	No		
83	General Purpose Controller 8	No	No		
84	Portamento Control	No	No		
85		No	No		
86		No	No		
87		No	No		
88		No	No		
89		No	No		
90		No	No		
91	Effects 1 Depth (default: Reverb Send)	No	No		
92	Effects 2 Depth (default: Tremolo Depth)	No	No		
93	Effects 3 Depth (default: Chorus Send)	No	No		
94	Effects 4 Depth (default: Celeste [Detune] Depth)	No	No		
95	Effects 5 Depth (default: Phaser Depth)	No	No		
96	Data Increment	No	No		
97	Data Decrement	No	No		
98	Non-Registered Parameter Number (LSB)	No	No		
99	Non-Registered Parameter Number(MSB)	No	No		
100	Registered Parameter Number (LSB)	No	No		
101	Registered Parameter Number(MSB)	No	No		
102		No	No		
103		No	No		
104		No	No		
105	String 1 (High E) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 1.	
106	String 2 (B) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 2 in Omni mode, or 1 if in single channel mode.	
107	String 3 (G) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 3 in Omni mode, or 1 if in single channel mode.	
108	String 4 (D) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 4 in Omni mode, or 1 if in single channel mode.	
109	String 5 (A) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 5 in Omni mode, or 1 if in single channel mode.	

MIDI implementation chart				
Manufacturer:	Zivix Model: Jamstik	**Version: 2.057**	**Date: 2014/10/24**	
Control #	**Function**	**Transmitted (Y/N)**	**Recognized (Y/N)**	**Remarks**
110	String 6 (Low E) Finger Messages - Jamstik Exclusive	Yes	No	Indicates the current fingered position, Data2 is Note number that would be played if the string were plucked. Open Notes will also be transmitted in this way. The Channel Number will be 6 in Omni mode, or 1 if in single channel mode.
111		No	No	
112		No	No	
113		No	No	
114		No	No	
115		No	No	
116		No	No	
117		No	No	
118		No	No	
119		No	No	
120	All Sound Off	No	No	
121	Reset All Controllers	No	No	
122	Local Control On/Off	No	No	
123	All Notes Off	No	No	
124	Omni Mode Off	No	No	
125	Omni Mode On	No	No	
126	Poly Mode Off	No	No	
127	Poly Mode On	No	No	