

Assist Music Systems - Custom Instruments and Controllers Product Selection Chart

CONTROLLER TYPE	Instrument or Controller	Price (\$, \$\$, \$\$\$, \$\$\$\$)	Playability and Controllability (1 to 10, 10 is best)	Complexity and Learning Curve (1 to 10, 10 is easiest to learn)	Capability and Flexibility (1 to 10, 10 is the most capable)	Requires AC Power (Y or N)	Requires additional MIDI Instrument or Analog Synth (Y or N)	Requires a Computer or Mobile Device (Y or N)	Requires an Amp or Sound System (Y or N)	Minimal or Coarse Motion Controller (MM, CM, Both or NA)	NOTES
<p>Approx Prices F = Free or Donation \$ = Less than \$100 \$\$ = \$100 to \$500 \$\$\$ = \$500 to \$1000 \$\$\$\$ = over \$1000</p>											
Voice Only Control	Kazoo	F	2	10	1	N	N	N	N	NA	This can be more musical than you think.
	Electric Kazoo with Holder	\$	3	9	5	Y	N	N	Y	NA	Can be pitch corrected and run through Effects.
	Imitone MIDI Software - in Beta	\$	8	9	8	Y	N*	Y	N*	NA	* Not if using computer soft synths.
	Modular Analog Voice Processor	\$\$\$\$	9	6	8	Y	N	N	Y	NA	Makes your voice <i>sound like</i> an analog synth.
Breath Only Control	Voice Control Modular Analog Synthesizer	\$\$\$\$	7	5	8	Y	N	N	Y	NA	Uses your voice to <i>control</i> an analog synth.
	Harmonica with Holder	\$	8	8	7	N	N	N	N	NA	Don't underestimate the power of the harp!
	Xharp MIDI Controller - in Beta	\$\$\$	9	7	9	Y	Y	N	Y	NA	Harmonica like MIDI Controller.
	Jamboxx breathe synth - MIDI	\$\$	8	7	8	Y	Y	Y	Y	NA	Harmonica like MIDI Controller.
	Magic Flute breathe synth - MIDI	\$\$\$\$	7	7	8	Y	N*	N	Y	MM	Tilt head for pitch, blow for notes. MIDI or internal.
	Nose Flute with Headband	\$	8	9	5	N	N	N	N	NA	Breath out your nose, pitch by mouth shape.
Single Hand Control	Bugle with Stand	\$\$\$\$	6	5	7	N	N	N	N	MM	Requires very sturdy stand for support.
	Nintendo Nunchuk Controller - MIDI	\$\$\$\$	7	6	7	Y	Y	N	Y	MM	Minimal Motion (MM) Game controller.
	Keyboards (standard and mini) - MIDI	All	10	7	9	Y*	N	N	Y*	Both*	* mini Keys can be MM and held on lap.
	Misc Controller & DIY Kit - MIDI	\$\$\$	7*	7*	7*	Y	Y	N	Y	Both	* Depends on what you design and build.
	Misc Controller & Big Stick Kit - MIDI	\$\$\$	6	6	7	Y	Y	N	Y	CM	Coarse Motion Controller.
	Percussion Instruments	\$	7	9	4	N	N	N	N	Both	shakers, tambourine, drum, maracas, cowbell, ...
	Hand Control Modular Analog Synthesizer	\$\$\$\$	7	5	8	Y	N	N	Y	Both	Uses Hand control to play an analog synth.
Breath and Single Hand	Stylophone	\$	8	8	6	N	N	N	N	MM	Small battery powered Stylus controlled synth.
	Folk Harp	\$\$\$	8	8	8	N	N	N	N	MM*	* Within a short musical range
	Configurable Recorder for Disabled	\$	7	8	7*	N	N	N	N	MM	Variable parts for any finger combination.
	Ocarina	\$	5	8	4	N	N	N	N	MM	Most are 2 handed, a few are 1 handed.
	French Horn	\$\$\$\$	9	5	7	N	N	N	N	MM	Right hand control - Mute for horn.
	Single Hand Flute - Flute Labs	\$\$\$\$	8	6	7	N	N	N	N	MM	* Custom made 1 hand flutes.
Foot Control	Melodica on Lap	\$	8*	8	8	N	N	N	N	MM	* Depends on ability to hold or use of stand.
	Trumpet or Cornet	\$\$\$\$	9	6	7	N	N	N	N	MM	No mods for right hand, mods for left hand.
	Modular Foot Pedal Controller - MIDI	\$\$\$	7	5	7	Y	Y	N	Y	MM	Minimal Motion - 2 foot Controller with pedals.
	Percussion Instruments	\$	7	9	4	N	N	N	N	Both	Foot Tambourine, bells, shaker, ...
Misc Controllers	Foot Control Modular Analog Synthesizer	\$\$\$\$	7	5	8	Y	N	Y	Y	Both	Uses Foot control to play an analog synth.
	Keith McMillen 12 Step - MIDI	\$\$	8	7	8	Y	Y	N	Y	CM*	* Requires a lot of foot dexterity.
	Brain Wave Starter Kit	\$\$	2	6	2	Y*	N	Y*	N	NA	* Can install and use on Tablet or Phone.
	Modular Brain Wave Controller - MIDI	\$\$\$\$	2	4	4	Y	Y	N	Y	NA	Can play avant gard and influence a performance.
	AUMI Gesture/Motion Software	F	4	8	4	Y	N	Y	N	NA	Can improvise and play avant gard music.
	Modular Muscle Electrode Controller-MIDI	\$\$\$\$	3	4	3	Y	Y	N	Y	NA	Can play avant gard and influence a performance.