

Preliminary Bill of Material for ASM2-Genie

The following list details items required in addition to the ASM-2 pcb and component kits to build the ASM2-Genie. This is still a design in progress so readers should use this as a guide.

Used Part Type	Description
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4 10K 25T	Multiturn Trimpot
12 10K	0.5W 1% Metal Film Resistor
4 62K	0.5W 1% Metal Film Resistor
8 1M LN	Single-gang Linear Potentiometer
1 50K LG	Single-gang Logarithmic Potentiometer
2 100K LG	Single-gang Logarithmic Potentiometer
39 100K LN	Single-gang Linear Potentiometer
55 Knob	16mm or 20mm Knob to suit potentiometers
2 KCV IN/GATE IN	Mono Switched Jack Plug
2 KCV OUT/GATE OUT	Mono Jack Plug
2 VCA1 OUT/VCA2 OUT	Mono Jack Plug
5 LED	5mm LED
5 LED Clips	5mm Panel Mount unless using LEDs supplied with panel mount option
1 SW-1P3W	Rotary Switch 1P3W
2 SW-1P4W	Rotary Switch 1P4W
2 SW-1P6W	Rotary Switch 1P6W
14 SW-SPDT	Single-pole, Double-throw Switch

1	SW-DPDT	Single-pole Single-throw Switch
1	SW-DPDT	Double-pole, Double-throw Switch Centre-off (ON-OFF-ON)
1	MIDI-CV	MIDI-CV Unit with connectors
1	RAW-DC	18-0-18 smoothed DC supply @ 500mA per rail with transformer
1	POWER	Switch and/or Fused Mains Power Inlet
1	CASE	Aluminium Attache/Camera Case 450mm(W) x 320mm(H) x 145mm(D)
1	PANEL	ASM2-Genie Front Panel
	HARDWARE	Nuts, bolts and washers, spacers etc
	WIRE	Hook-up wire and single-core screened wire

For components to fit the ASM2-Panel:-

- 1) Potentiometers have standard imperial shafts (1/4" round or D-type) with a threaded bush suitable for a 7mm mounting hole
- 2) Toggle switches are standard miniature type with threaded bush suitable for a 6.5mm mounting hole
- 3) Rotary switches have standard imperial shafts (1/4" round or D-type) with a threaded bush suitable for a 10mm mounting hole
- 4) Jack plugs are not mounted on the ASM-2 panel so may be user selected
- 5) MIDI DIN plugs are not mounted on the ASM-2 panel so may be user selected