



MAMP (MXR™ MicroAmp™ Replica)

Bill of Materials

Version 2009December10

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	22M	 red-red-blue	
R2	10M	 brown-black-blue	
R3	1k	 brown-black-red	 brown-black-black-brown
R4	56k	 green-blue-orange	 green-blue-black-red
R5 (Volume Control)	500k Reverse Log		
R6	2k7 (2.7k)	 red-violet-red	 red-violet-black-brown
R7	100k	 brown-black-yellow	 brown-black-black-orange
R8	100k	 brown-black-yellow	 brown-black-black-orange
R9	470 ohm	 yellow-violet-brown	 yellow-violet-black-black
R10	10k	 brown-black-orange	 brown-black-black-red
R11	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.1µF	Film	104
C2	47pF	Ceramic or Film	47pF
C3	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF
C4	1µF	Tantalum or Aluminum Electrolytic	1µF



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C5	15 μ F	Tantalum or Aluminum Electrolytic	15 μ F
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Potentiometers:

Part ID	Value	Type
R5 - Volume Control	500k	Reverse Log Taper

Other:

Part ID	Part Name
IC1	TL061 or other single opamp
D1	1N4001 or 1N914 Diode (Small Blue diode in the Kits)
D2	LED
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery (Not Included in the Kit)
Sw1	Heavy Duty 3PDT foot switch
	9v battery snap, 24 gauge stranded hookup wire, Enclosure, Knobs, Solder