



MXR™ Headphone Amp Replica) Bill of Materials

Version 2014January28

Copyright 2014 JD Sleep

Permission refused for posting/serving this file from any site other than www.generalguitargadgets.com

Trademarks are property of their owners

Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	10M		
R2	500k Reverse Log Potentiometer		
R3	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R4	22M		
R5	1k	 brown-black-red	 brown-black-black-brown
R6	3K9 (3.9K)	 orange-white-red	 orange-white-black-brown
R7	56k	 green-blue-orange	 green-blue-black-red
R8	3K9 (3.9K)	 orange-white-red	 orange-white-black-brown
R9	10k	 brown-black-orange	 brown-black-black-red
R10	100 ohm	 brown-black-brown	 brown-black-black-black
R11	100 ohm	 brown-black-brown	 brown-black-black-black
R12	10k	 brown-black-orange	 brown-black-black-red
R13	10k	 brown-black-orange	 brown-black-black-red
R14	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
--------------	-------	------	------------------



MXR™ Headphone Amp Replica) Bill of Materials

Version 2014 January 28

Copyright 2014 JD Sleep

Permission refused for posting/serving this file from any site other than www.generalguitargadgets.com

Trademarks are property of their owners

C1	0.1 μ F	Film	104
C2	4.7 μ F	Aluminum Electrolytic	4.7 μ F
C3	47 μ F	Aluminum Electrolytic	47 μ F
C4	47 μ F	Aluminum Electrolytic	47 μ F
C5	47 μ F	Aluminum Electrolytic	47 μ F
C6	150pF	Ceramic or Film	151

Potentiometers:

Part ID	Value	Type
R2 - Volume Control	500k	Reverse Log Taper

Other:

Part ID	Part Name
D1	1N914
D2	1N914
IC1	TL071 or similar single opamp
Q1	2N4401 (NPN)
Q2	2N4403 (PNP)
J1	Stereo quarter-inch jack
J2	Stereo quarter-inch jack
J3	DC Jack
J4 (Bypass Version only)	Mono quarter-inch jack
J5 (Input Loop Version Only)	Normally Closed jack (12A)
J6 (Input Loop Version Only)	Mono quarter-inch jack
B1	9 volt battery (not included in the Kit)
Sw1 (Bypass Version only)	Heavy Duty 3PDT foot switch oR DPDT
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knob