



DIST (MXR™ Distortion Plus™ Replica) Bill of Materials

Version 2012January30

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M5	 brown-green-green	 brown-green-black-yellow
R2	1M	 brown-black-green	 brown-black-black-yellow
R3	1M	 brown-black-green	 brown-black-black-yellow
R4	1M	 brown-black-green	 brown-black-black-yellow
R5	10k	 brown-black-orange	 brown-black-black-red
R6	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R7	500k Reverse Log Potentiometer		
R8	1M	 brown-black-green	 brown-black-black-yellow
R9	10k	 brown-black-orange	 brown-black-black-red
R10	100k Log Potentiometer		
R11	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	1 μ F	Film, Tantalum or Aluminum Electrolytic	1 μ F
C2	0.01 μ F	Film	103
C3	0.001 μ F	Film	102 or 1n
C4	0.047 μ F	Film	473
C5	10pF	ceramic	10
C6	4.7 μ F	Tantalum or Aluminum Electrolytic	4.7 μ F



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C7	0.001 μ F	Film or Ceramic	102 or 1nk
C8 (optional)	100 μ F	Aluminum Electrolytic	100 μ F

Potentiometers:

Part ID	Value	Type
R7 - Gain	500k	Reverse Log Taper Potentiometer
R10 - Volume	100k	Log (Audio) Taper Potentiometer

Other:

Part ID	Part Name
IC1	JRC741 Opamp
D1	1N914 or other clipping device
D2	1N914 or other clipping device
D4	Status Indicator LED and holder
D8 (optional)	1N4001 or 1N914
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, Printed Circuit Board 24 gauge stranded wire, Enclosure, Knobs