



DNR (MXR™ Dynacomp™ Compressor Replica) Bill of Materials

Version 2012January30

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Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1	1M5 (1.5M)	 brown-green-green	 brown-green-black-yellow
R2	10k	 brown-black-orange	 brown-black-black-red
R3	1M	 brown-black-green	 brown-black-black-yellow
R4	0 ohm or jumper wire	 black	 black
R5	10k	 brown-black-orange	 brown-black-black-red
R6	0 ohm or jumper wire	 black	 black
R7	1M	 brown-black-green	 brown-black-black-yellow
R8	1M	 brown-black-green	 brown-black-black-yellow
R9	0 ohm or jumper wire	 black	 black
R10	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R11	15k	 brown-green-orange	 brown-green-black-red
R12	27k	 red-violet-orange	 red-violet-black-red
R13	56k	 green-blue-orange	 green-blue-black-red
R14	150k	 brown-green-yellow	 brown-green-black-orange
R15	27k	 red-violet-orange	 red-violet-black-red

















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R16	1M	 brown-black-green	 brown-black-black-yellow
R17	1M	 brown-black-green	 brown-black-black-yellow
R18	150k	 brown-green-yellow	 brown-green-black-orange
R19	10k	 brown-black-orange	 brown-black-black-red
R20	10k	 brown-black-orange	 brown-black-black-red
R21	10k	 brown-black-orange	 brown-black-black-red
R22	1k	 brown-black-red	 brown-black-black-brown

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	0.01 μ F	Film	103
C2	none		
C3	1 μ F	Aluminum Electrolytic	1 μ F
C4	none		
C5	none		
C6	1 μ F	Aluminum Electrolytic	1 μ F
C7	none		
C8	1 μ F	Aluminum Electrolytic	1 μ F
C9	10 μ F	Aluminum Electrolytic	10 μ F
C10	0.01 μ F	Film	103
C11	0.001 μ F	Film	102 or 1n
C12	0.01 μ F	Film	103
C13	0.01 μ F	Film	103
C14	0.01 μ F	Film	103
C15	0.047 μ F	Film	473



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C16	10uF	Aluminum Electrolytic	10uF
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Potentiometers:

Part ID	Value	Type
VR1 - Sustain Control	500k	Linear Taper
VR2 – Level (Volume) Control	50k	Log (or Audio) Taper
TR1 – Trimmer	2k	Can be replaced by two 1k resistors as shown in the layout

Other:

Part ID	Part Name
IC1	CA3080
D1, D2, D3	1N914
D4	LED
Q1, Q2, Q3, Q4, Q5	2N5089
J1	Stereo quarter-inch jack
J2	Mono quarter-inch jack
J3	DC Jack
B1	9 volt battery
Sw1	Heavy Duty 3PDT foot switch
	9v battery snap, Printed Circuit Board, 24 gauge stranded wire, Enclosure, Knobs, Rubber Feet, PCB Standoffs