



DIST (DOD™ 250 Overdrive™ 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	22k	 red-red-orange	 red-red-black-red
R3	22k	 red-red-orange	 red-red-black-red
R4	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R5	10k	 brown-black-orange	 brown-black-black-red
R6	4k7 (4.7k)	 yellow-violet-red	 yellow-violet-black-brown
R6 (optional value)	47k (this is an optional value, see instructions for details)	 yellow-violet-orange	 yellow-violet-black-red
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
R12 (optional)	100 ohm	 brown-black-brown	 brown-black-black-black

Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	10µF	Tantalum or Aluminum Electrolytic	10µF
C2	0.01µF	Film	103



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C3	none		
C4	0.047µF	Film	473
C5	25pF	ceramic	25
C6	4.7µF	Tantalum or Aluminum Electrolytic	4.7µF
C7	0.001µF	Film or Ceramic	102 or 1n
C8 (optional)	100µF	Aluminum Electrolytic	100µF

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