



# DIST (DOD™ 250 Overdrive™ Replica) '77 Gray Version Bill of Materials

Version 2012January30

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## Resistors:

Resistor ID	Value	3-band Marking	4-band Marking
R1 (optional)	1M5	 brown-green-green	 brown-green-black-yellow
R2	20k	 red-black-orange	 red-black-black-red
R3	20k	 red-black-orange	 red-black-black-red
R4	470k	 yellow-violet-yellow	 yellow-violet-black-orange
R5	10k	 brown-black-orange	 brown-black-black-red
R6	47k	 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	none		

## Capacitors:

Capacitor ID	Value	Type	Possible Marking
C1	10µF	Aluminum Electrolytic	10µF
C2	0.01µF	Film	103
C3	0.0022µF	Film	222 or 2n2k
C4	0.047µF	Film	473
C5	none		
C6	22µF	Tantalum or Aluminum Electrolytic	22µF



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C7	0.0022uF	Film	222 or 2n2
C8 (optional)	100uF	Aluminum Electrolytic	100uF

### **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	1N4003 (or 1N914)
D2	1N4003 (or 1N914)
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