

Bill of Materials

Item/Description	Quantity	Source	Unit	Cost
1. Solid State Relay, Crydom S312 (see text for sub)	3	Surplus	3.00	9.00
2. 5 VDC @ 2 Amp Adaptor	1	Hosfelt	4.95	4.95
3. Diode, 1N4148	1	Hosfelt .....	.05 .....	.05
4. Resistor, 1/2W, 1 Meg Ohm (6 pack).....	1	Hosfelt .....	.90 .....	.90
5. Resistor, 1/2W, 470 Ohm (6 Pack)	1	Hosfelt .....	.90 .....	.90
6. Capacitor, 10 uF, Radial	1	Hosfelt .....	.12 .....	.12
7. Led's, Red, Yellow, Green	3	Hosfelt .....	.25 .....	.75
8. 5-1/2' 18 AWG 3 wire Line Cord (White)	2	Hosfelt .....	.99	1.98
9. Terminal Strip – 4 position	1	Hosfelt .....	.39 .....	.39
10. 74LS145 Integrated Circuit	1	Jameco .....	.45 .....	.45
11. NE555 Timer IC	1	Hosfelt .....	.25 .....	.25
12. 7490 Decade Counter IC	1	Jameco .....	.89 .....	.89
13. 10 Meg Ohm Linear Potentiometer	1	Radio Shack	2.49	2.49
14. Knob (Package of two)	1	Radio Shack	1.79	1.79
15. #14 AWG Wire (50' each of Red, White, Blk, Gr.	200'	Lowe's .....	.07	14.00
16. 1-1/2" PVC Pipe, Fittings, Cement, Spray Paint	Various	Lowe's .....	.....	8.38
17. Wood, Acrylic Sheet, Hardboard & Misc Parts	Various	Lowe's .....	.....	22.16
18. 120VAC Eagle Cleat Lamp Socket	12	DoItYourself ...	2.46	29.52
19. Colored Gel (Yellow, Red, Green – 2 of each *)	6	Northern Sound	3.99	40.15
20. Glass Paint (Conditioner, Red, Amber, Green) .....	.....	Michaels .....	.....	15.00
21. Light Bulbs, 25 Watt	12	Lowe's	1.25	15.00
22. Miscellaneous Screws, Nails, Glue.	Various .....	.....	.....	6.00

Total: \$175.12

* Northern Sound & Light minimum order is \$25.00