

Thank you for purchasing the inverter 10-800-xx. The enclosed inverter should be mounted against a piece of metal such as the panel or firewall (GND). The inverter converts DC to AC to power a set of light strips (power requirements vary by surface area). The inverter has 3 wires and mounting wings, which are the GND. Connect Black wires to EL lights. Connect the red colored power wire (see chart below) to your DC source or instrument panel light switch thru 1A fuse. When using a dimmer, connect it between power and the inverter to vary the DC supplied to the inverter. The inverter AC output is Black wire, which carry AC current to power the light strips. Use 20-24 AWG twisted pair wires (or twist two wires a minimum of 8 turns per foot) for all connections between inverter and lights. You may connect up to 30 UMA light bezels (and/or internal instrument lights) or three large EL lights in parallel to one inverter (Beechcraft Bonanza).

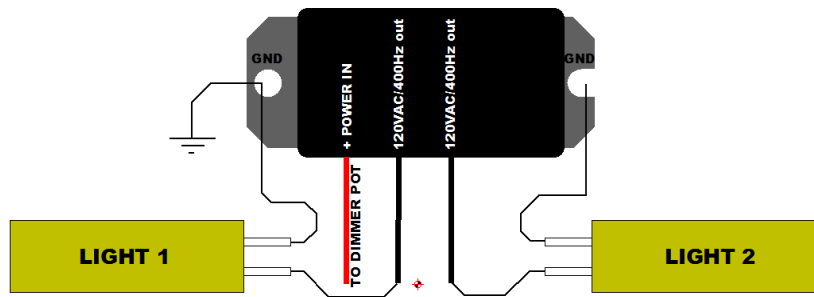
DO NOT GROUND OUTPUT WIRE ANYWHERE!! UNDER POWER, DO NOT TOUCH BLACK WIRE WITH BARE HANDS!!

Inverter Part Numbers:

P/N	Description	Wire Color			Inverter capacity (up to 150sq")(120VAC/400Hz)			
P/N	Description	Wire Color	Black1=120VAC out	Black2=120VAC out	P/N	Qty	Description	
10-800-14	12-14 Volt light inverter	Red = (+)power in	Black1=120VAC out	Black2=120VAC out	Mounting wings=GND	2-3X-X	30	3 1/8" EL Light Bezel
10-800-28	24-28 Volt light inverter	Red = (+)power in	Black1=120VAC out	Black2=120VAC out	Mounting wings=GND	2-2X-X	35	2 1/4" EL Light Bezel

Electroluminescence light strips:

- 2-425-050 EL Light Strip w/ adhesive backing 1/2" X 25"
- 2-423-075 EL Light Strip w/ adhesive backing 3/4" X 23"
- 2-411-120 EL Light Strip w/ adhesive backing 1.2" X 11.5"
- 2-418-150 EL Light Strip w/ adhesive backing 1 1/2" X 18"



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