

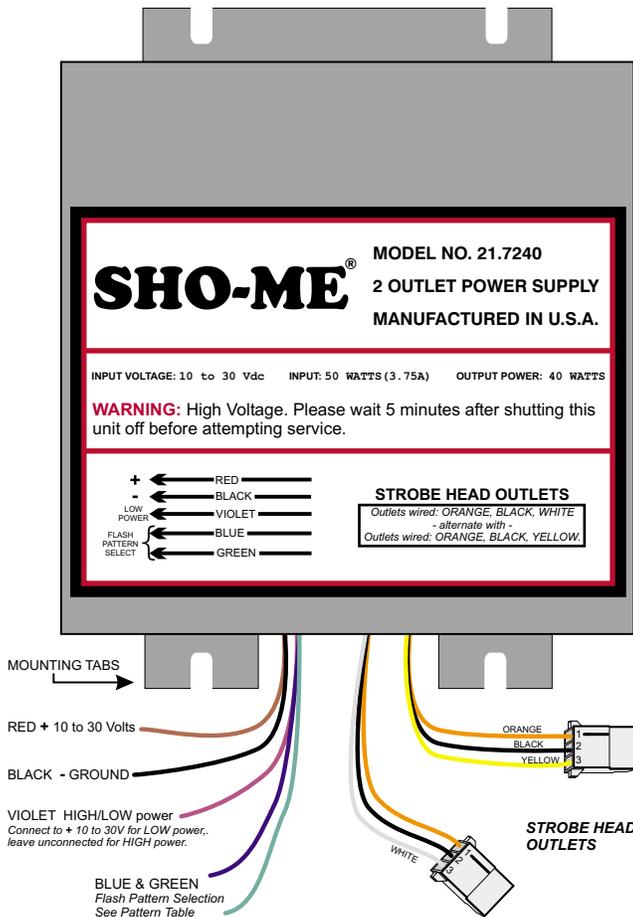
# SHO-ME®

## MODEL NO. 21.7240 WIRING INSTRUCTIONS

### TECHNICAL SPECIFICATIONS

INPUT VOLTAGE .....	10 to 30 Vdc
INPUT CURRENT .....	3.75A at 12.8V, 2A at 25.6V
INPUT POWER .....	51.2Watts
OUTPUT POWER .....	40 Watts
OUTPUT ENERGY .....	34 Joules
<b>FLASH RATES</b>	
Double Flash: .....	170 flashes per minute.
Quad Flash: .....	140 flashes per minute.
Mega Flash: .....	140 flashes per minute.

### CONNECTION DIAGRAMS



### INSTALLING THE 21.7240

#### 1. Mounting Considerations

The 21.7240 is encapsulated, but is **not** a 100% waterproof system and should be mounted in a clean, dry area. Exposing the outlet connectors to water will cause the 21.7240 to shut down.

Mounting tabs are provided so that the unit can be mounted to a flat surface with #8 screws.

### INSTALLING THE 21.7240 ...

#### 2. Strobe Head installation

Plug the strobe light heads into the outlets. Keeping the following in mind: Outlets with the same color wiring will flash the strobe heads at the same time and alternate with the other outlets.

#### 3. Electrical Hookup

Connect the RED wire to +12/24V through an ON/OFF switch. The use of a 10A fuse is recommended. Connect the BLACK wire to - Ground.

*Note: Use the correct size wire for power connections.*

*The length of the wires determines the size needed.*

*1 to 15 ft. use 18AWG wire.*

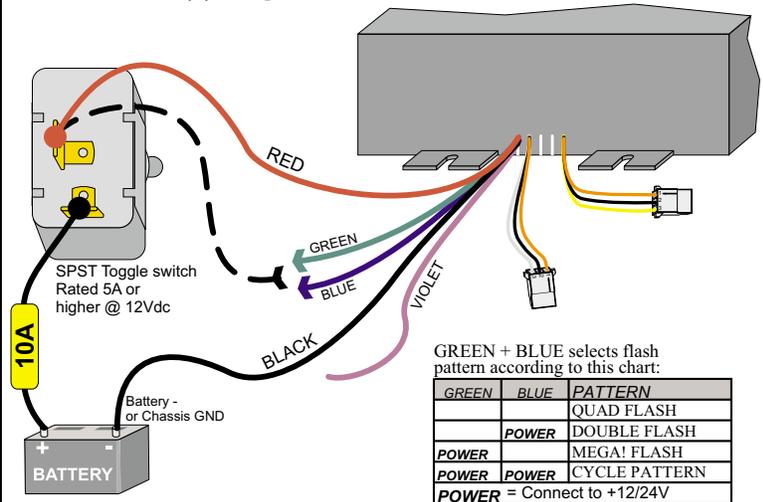
*15 to 30 ft. use 16AWG wire.*

*30 to 45 ft. use 14AWG wire.*

*45 and over, use 12AWG wire.*

The VIOLET wire controls LOW POWER. The GREEN and BLUE wires select the flash pattern. See the diagrams below for more details.

**DIAGRAM (1)** Simple ON/OFF control.



**DIAGRAM (2)** HIGH POWER/OFF/LOW POWER control.

