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## INSTRUCTIONS

### IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Disconnect power before performing work on electrical equipment.
3. Do not use outdoors.
4. Do not let power cords touch hot surfaces and do not mount near gas or electric heaters.
5. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
6. Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.
7. The use of accessory equipment not recommended by EELP, Inc. may cause an unsafe condition, and will void the unit's warranty.
8. Do not use this equipment for other than its intended purpose.
9. Servicing of this equipment should be performed by qualified service personnel.
10. **SAVE THESE INSTRUCTIONS!**

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### INSTALLATION

#### **WALL MOUNT - SINGLE FACE (See Figure 1):**

1. Extend unswitched 24 hour AC supply of rated voltage to junction box or appropriate wiring (supplied by others). Leave at least eight (8) inches of slack wire. The circuit should not be energized at this time.
2. Disassemble the exit sign if necessary by removing the four (4) tamperproof screws (one in each corner) on the front cover / faceplate (Figure 1).
3. Remove the steel faceplate cover as well as the Lexan shield and exit stencil that holds it in place.
4. Knockout the appropriate mounting pattern on back plate and wire pass-thru hole to fit junction box or wiring connector being used (supplied by others).
5. Bring wires through the back of the sign and mount the exit securely in place. Screw directly to junction box if possible.
6. Connect AC supply per diagram provided (Figure 4). **Insulate unused wire!**  
**CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.**
7. Route wires and secure them in place.
8. Remove any directional chevron arrows to be indicated as required from the exit stencil.
9. Replace Lexan shield and exit stencil, cover with the steel faceplate and secure with the four (4) supplied tamperproof screws.
10. Turn on the AC voltage supply.

#### **CEILING/END MOUNT - SINGLE OR DOUBLE FACE (See Figure 2 or 3):**

1. Canopy is factory installed for these mounting configurations.
2. Follow steps 1 to 3 of Wall Mounting instructions above. If internal exit wiring is not already pulled through the pass-thru hole in the exit canopy then feed the exit wires out.
3. Follow steps 6 to 10 on Wall Mounting instructions.
4. Secure exit sign to wall or ceiling using two (2) appropriate sized screws through the mounting holes provided on the canopy (Figures 2 or 3). If possible mount directly to the electrical junction box. Four (4) additional mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting hardware be used to secure the exit through these 4 holes.
5. Turn on the AC voltage supply.

#### **SELF-POWERED:**

1. For models VSXE-EM, plug the battery into the circuit board per (Figure 4) self-powered sign.

Figure 1

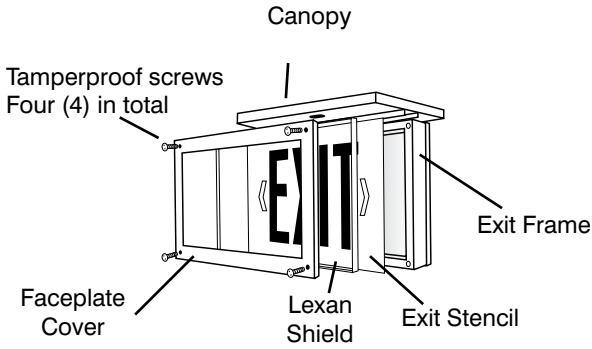
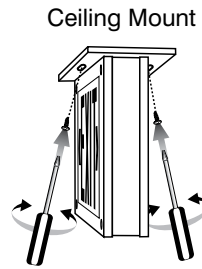
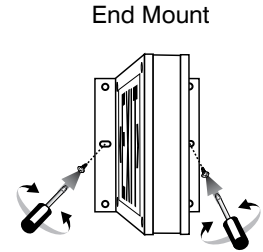


Figure 2



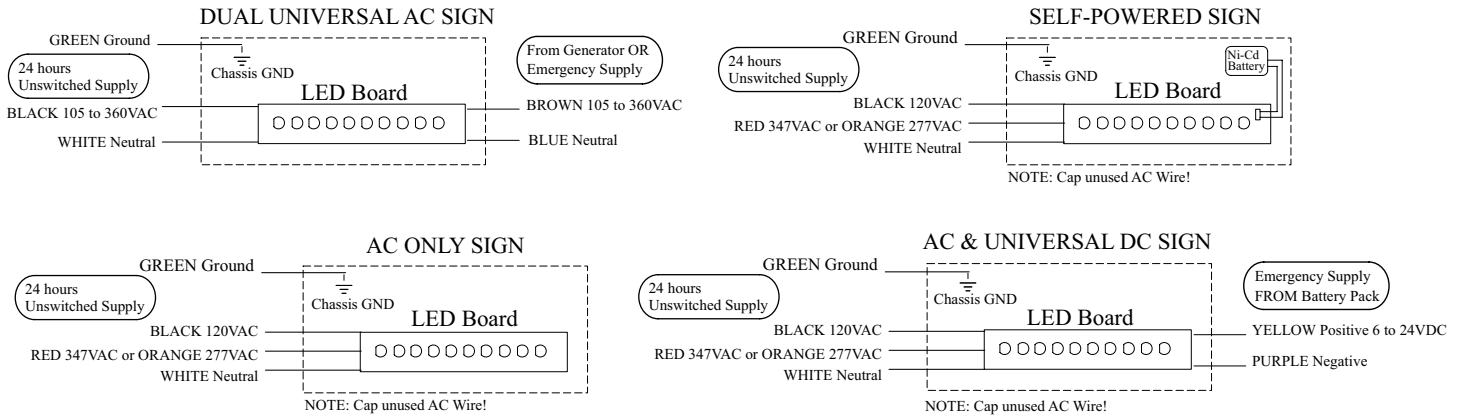
Mount Canopy to Junction Box in Ceiling Using Centre Holes

Figure 3



Mount Canopy to Junction Box in Wall Using Centre Holes

Figure 4



## MAINTENANCE

- Code requires that the equipment be tested every 30 days for 30 seconds, and that written records be maintained. Further, the equipment is to be tested once a year for 90 minutes duration as per Code. The equipment is to be repaired whenever the equipment fails to operate as intended during the duration test. Written records of test results and any repairs made must be maintained. EELP, Inc. strongly recommends compliance with all Code requirements.
- Clean exit face(s) on a regular basis.  
 NOTE: The servicing of any parts should be performed by qualified service personnel only. The use of replacement parts not furnished by EELP, Inc., may cause equipment failure and will void the warranty.

## SAVE THESE INSTRUCTIONS