Chicago LED Steel Exit Sign

WARNING:
Risk of Shock.
Disconnect Power before Installation.

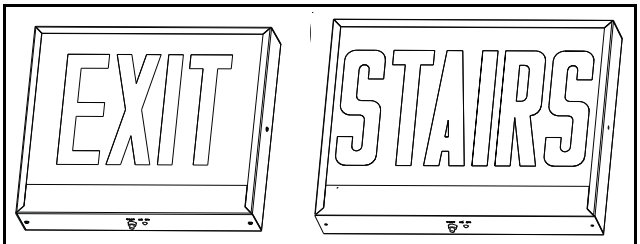

Figure 1

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. All servicing should be performed by qualified service personnel.
2. All unused wires must be insulated to prevent shorting.
3. Consult your local building code for approved wiring and installation.
4. Do not use outdoors.
5. Do not let power supply cords touch hot surfaces.
6. Do not mount near gas or electric heaters.
7. Use caution when handling batteries. Avoid possible shorting.
8. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
9. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
10. Do not use this equipment for other than intended use.
11. Allow battery to charge for a full 24 hours after installation or power failure before testing (self-powered model only).
12. Unit to be installed only as per configuration described in this instruction manual.

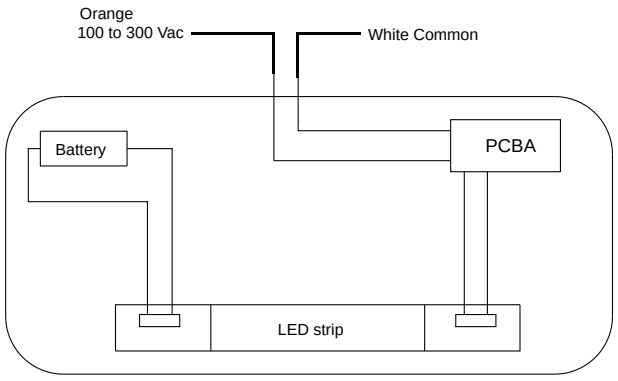

Figure 2a

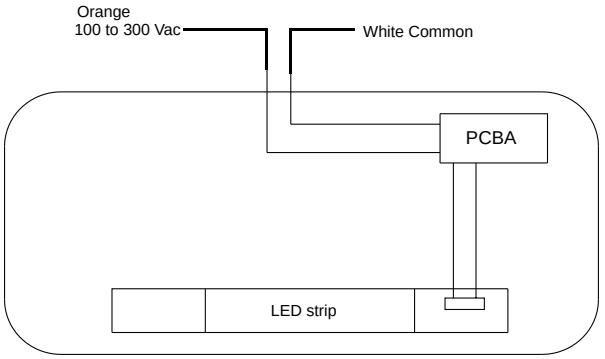

Figure 2b

SAVE THESE INSTRUCTIONS

Installation Instructions

1. Turn off AC power.
2. Route AC circuit of rated voltage into the junction box and leave 6” wire length.
3. Remove retainer screw from right side of the sign. Remove side panel and mounting canopy, set aside.
4. For double face unit (OPTION): remove the back plate and replace it with the second face plate provided (end or ceiling mount only).

Wall mounting (Figure 3)

a. Knock out the proper hole pattern in the back plate to mount to a standard junction box. Place a support on either side of the knockouts to be removed and then knock out with a screwdriver.
b. Use bushings provided to protect wires from metal edge.
c. Install wire mounting clips to back plate.
d. Secure wires using wire mounting clips and feed AC supply leads out through the center bushing.
e. The system can accept input voltages of 100 VAC to 300 VAC. Therefore, connect the orange wire (line voltage) and the white wire

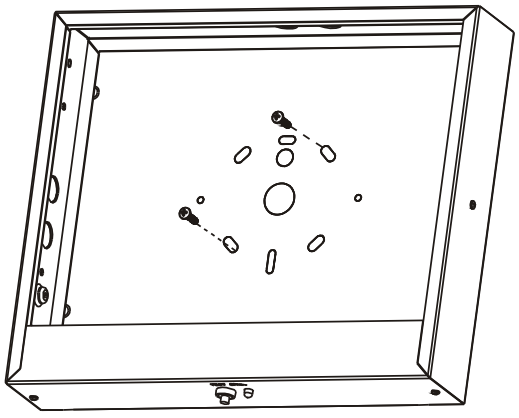

Figure 3

(common) leads to the building utility. Connect the green ground wire to the service ground (see fig. 2a or 2b).
f. Feed excess wires into the junction box.
g. Mount the unit securely to the junction box using the junction box screws.

Ceiling or End mount (Figure 4)

a. Fasten the spider plate to the junction box using the junction box screws.
b. Using a hammer and screwdriver, remove the proper knockouts in the frame for the canopy. The knockouts are located on the left side for end mount or on the top for ceiling mount.
c. Use bushings provided to protect wires from metal edge.
d. Fasten the canopy to the frame using two short screws and keps nuts provided.
e. Route unit wires out through the hole of the frame canopy assembly.
f. The system can accept input voltages of 100 VAC to 300 VAC. Therefore, connect the orange wire (line voltage) and the white wire (common) leads to the building utility. Connect the green ground wire to the service ground (see fig. 2a or 2b).
g. Feed excess wire into the junction box.
h. Install the frame canopy assembly to the two threaded holes in the spider plate using the two long screws provided.

5. Connect battery connector to the PCBA marked (BAT) on the PCBA (self-powered model only).
6. Carefully replace the glass into the sign frame channel and replace end panel retainer screw.
7. Turn on AC supply.
8. The charge indicator lights will illuminate (self-powered model only).

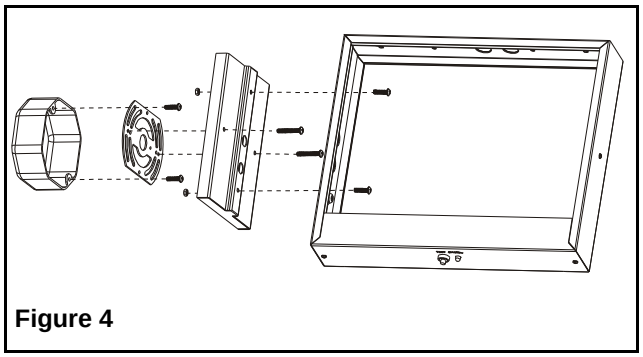

Figure 4

Maintenance

None required. Unit should be tested monthly in accordance with safety codes and local codes.
Clean lens(es) when, required.
If AC supply to the unit is to be disconnected for 2 months or more, the battery must be disconnected (self-powered model only).