

Prestige Series - Edge-Lit LED Exit Series

Flat trim AC, AC/DC and Self-Powered models

IMPORTANT SAFEGUARDS

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

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Do not mount near gas or electric heaters.
4. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
5. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
6. Do not use this equipment for other than intended use.
7. All servicing should be performed by qualified service personnel.

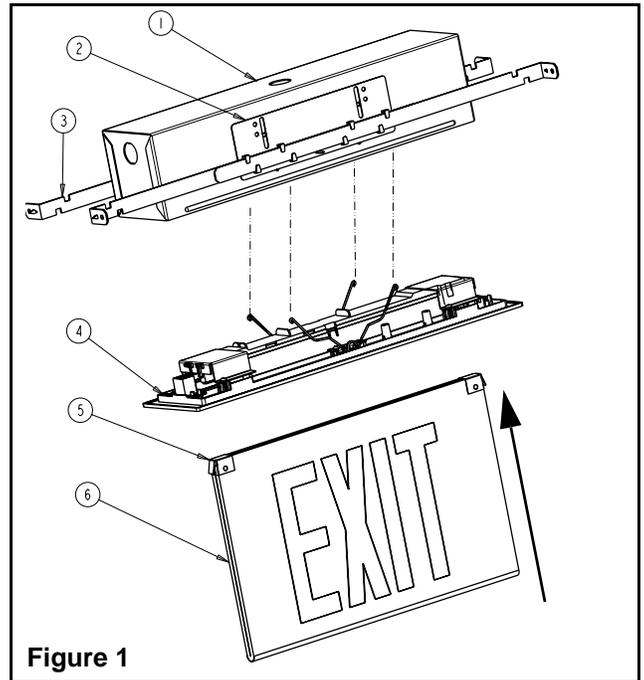
SAVE THESE INSTRUCTIONS

Installation Instructions

Turn off AC power.

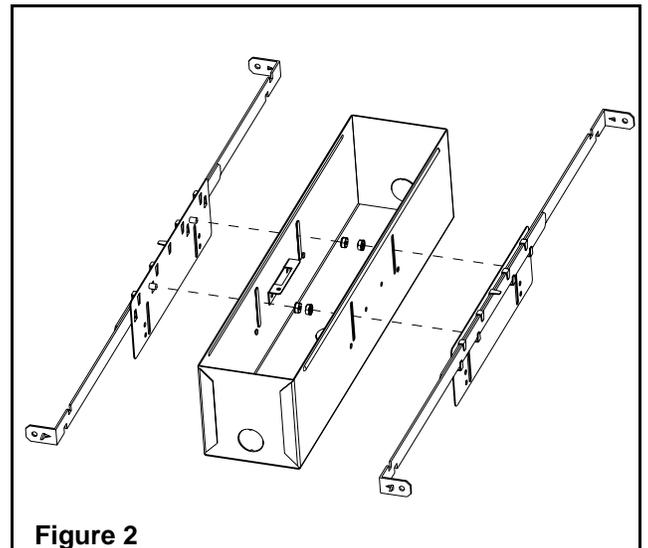
Installation (Figure 1)

1. Remove the proper knockout in the back box for the entry of the AC wires.
2. Assemble the recessed mount brackets to the back box (see figure 2). Install the bar hangers in the adjustment brackets. Mount the back box so that it is flush with the ceiling surface.
3. Route AC unswitched circuit of rated voltage into the back box and leave 6" of wire length.
4. Connect the incoming ground to the short ground wire provided in the back box.
5. **Electrical connection (Figures 3,4)**
 - a. Connect the long ground lead with eyelet from the back box to the trim plate assembly with the hardware provided.
 - b. Make the proper connections. Our system can accept input voltages of 120 VAC to 347 VAC. For regular models connect the purple (hot) and white (common) leads to the building utility (Figure 3). For models with diagnostic feature connect the white (common), black (120 VAC) or orange (277 VAC) leads to the building utility (Figure 4).
 - c. AC/DC Models only:
For DC portion: wire the Red lead (+) to the positive DC input voltage and the Blue lead (-) to the negative DC input voltage. Note: DC input voltage range is 6 volts to 24 volts.
6. Compress the retention springs (Figures 5) and insert the trim plate assembly in the back box. Align to be flush with the back box or with the ceiling.

**Figure 1**

Part List

- | | |
|----------------------------|------------------------|
| 1. Back box | 4. Trim plate assembly |
| 2. Adjustment brackets (2) | 5. Clips (2) |
| 3. Bar hangers (2) | 6. Exit panel |

**Figure 2**

Exit panel installation (Figure 1)

1. Remove the exit panel from its carton, do not remove the protective sleeve until the installation is complete.
2. Partially remove the protective sleeve at the top of the exit panel. Push the exit panel, with the clips, into the slot in the trim plate assembly until it snaps. Gently try to pull out the panel to ensure that it is engaged in the trim plate assembly. Remove the protective sleeve.
3. Energize AC circuit. Legend and green pilot indicator (self-powered models), will illuminate.

Important: the Exit panel can only be removed by lowering the trim plate and pushing on the end clip located on the opposite side of the test switch with a screwdriver.

Self Powered models

Manual testing (Figure 6)

Press test switch. Legend will flicker then will remain lit. On release, external green LED will illuminate, and automatic charger will restore battery to full charge.

Automatic testing and diagnostics (optional)

The models with the automatic testing and diagnostic option include a micro-controller which tests the unit on a monthly basis and identifies as well displays failures of the electrical components: battery, charger circuit, LED lamps.

Self-test

The self-test is performed every 30 days for 30 seconds, every 60 days for 30 minutes, and annually for 90 minutes.

Diagnostic function (Figure 6)

The diagnostic function uses the pilot light LED indicator. Service is required if the green LED changes color to red indicating that an alarm condition is detected.

Pilot light	Status	Diagnostic
Green	Steady	Normal (AC On)
Green	Blinking	Auto Test
Red	Steady on	Battery Disconnect
Red	One Blink	Battery Failure
Red	Two Blinks	Charger Failure
Red	Four Blinks	LED Lamp Failure

Maintenance

None required. Models equipped with batteries: if AC supply is to be disconnected for 2 months or more, the battery must be disconnected (Self-Powered Models only).

Note — For safety reasons Nickel Cadmium batteries are shipped discharged. The units may require 10 minutes of connection to AC supply before start-up test procedure, and two to seven days to reach full charge.

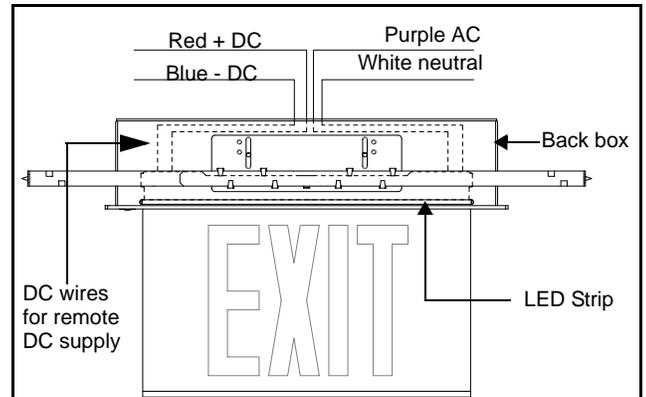


Figure 3 (Regular models)

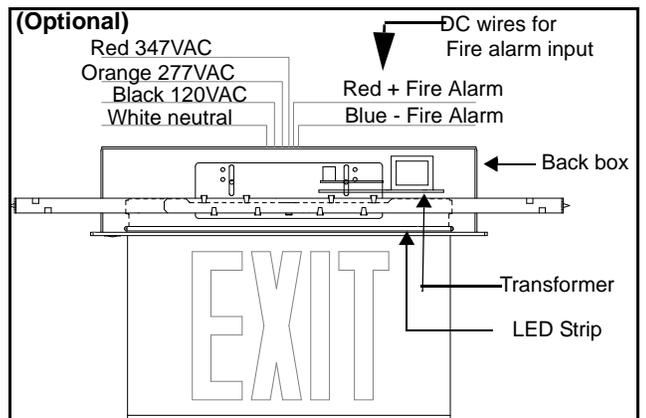


Figure 4 (Models with diagnostic feature)

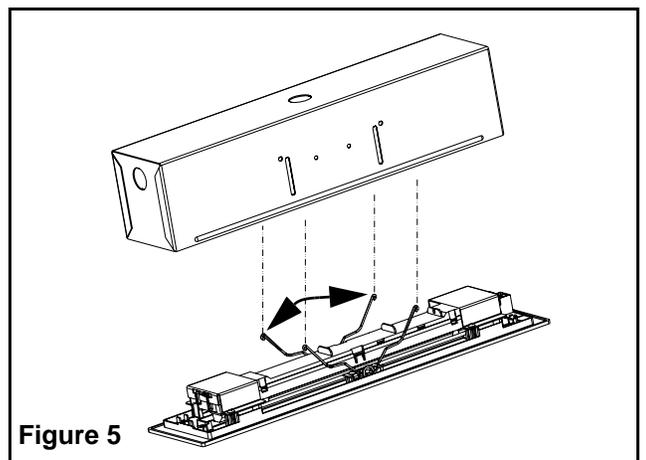


Figure 5

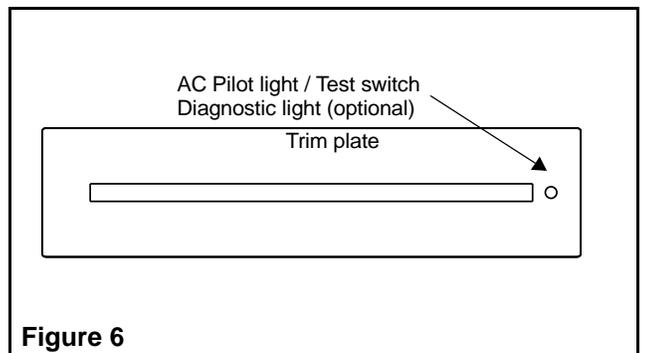


Figure 6