

# ETP-SIGN-LD Installation Manual

## IMPORTANT SAFEGUARDS:

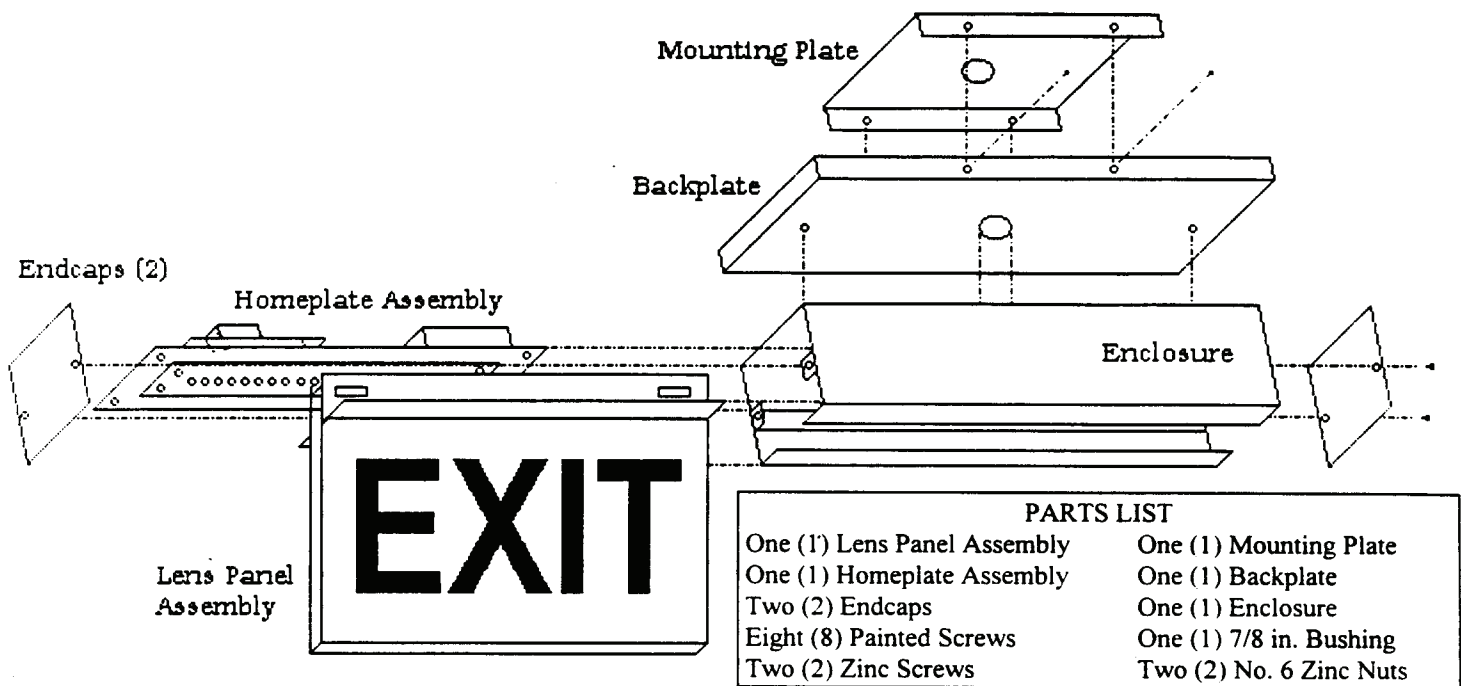
When using electrical equipment, basic safety precautions should always be followed, including the following:

- a) **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
- b) All installation procedures should be performed with AC power off.
- c) Servicing should be performed by qualified service personnel only!
- d) Do not use outdoors.
- e) Do not mount near gas or electric heaters.
- f) Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- g) The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- h) Do not use equipment for other than intended use.

**SAVE THESE INSTRUCTIONS!!**

## IMPORTANT PANEL CARE:

- Use gloves to avoid fingerprints on panels.
- Panels can scratch. Use care when installing.
- Use only soft cloths, not paper towels.
- Clean only with an acrylic cleaner, such as a Novus polish. Alcohol based window cleaners will cause hazing.



## METAL PREPARATION:

1. Determine mounting style: Ceiling, Wall or End.
2. Locate enclosure and backplate pieces.
3. Remove homeplate assembly from inside enclosure.
4. Determine knockouts to be removed.
5. Remove (from the outside inward) the knockouts supporting the metal where necessary to avoid warping.
6. Install 7/8 in. insulated bushing through 7/8 in. diameter opening.
7. Secure enclosure to backplate using the two (2) no. 6-32 screws and nuts.

## ENCLOSURE ASSEMBLY:

1. Locate homeplate assembly.
2. Orient homeplate assembly with AC (blue, black and white) wires laying over the battery, if provided.
3. Slide assembly into enclosure threading wires through 7/8 in. bushing.
4. Push assembly fully into position and take up excess wire slack.

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## MOUNTING AND ELECTRICAL CONNECTION:

1. Locate mounting plate.
2. Thread building wires through center hole.
3. Determine orientation of mounting plate and secure to outlet box with field supplied screws.
4. Make AC connections as follows:

### For 120V Circuit:

- Adjust DIP Switch to 120V position, as shown at right.
- Connect BLACK wire from junction box to BLACK wire from power board.
- Connect WHITE wire from junction box to WHITE wire from power board.

### For 277V Circuit:

- Adjust DIP Switch to 277V position, as shown at right.
- Connect BROWN (or ORANGE) wire from junction box to BLUE wire from power board.
- Connect WHITE wire from junction box to WHITE wire from power board.

5. Secure backplate to mounting plate with four (4) screws provided.

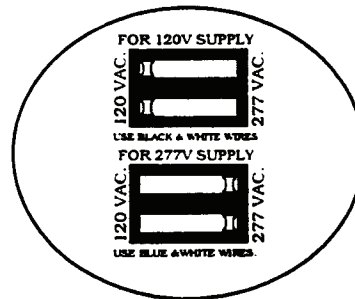
### Battery Units:

If provided with battery, slide board left or right to connect the battery lead. Red lead to positive terminal, black lead to negative terminal. Snap test switch assembly connector to connector from power board.

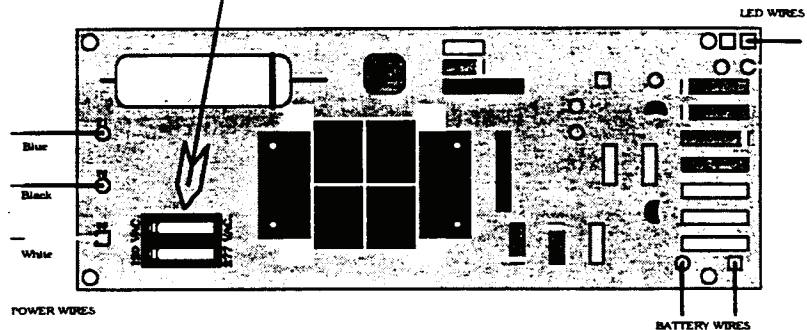
## LENS MOUNTING:

1. When ready for operation, carefully slide lens assembly into enclosure directly below LEDs.
2. Close off enclosure with two (2) end caps and four (4) screws provided.

### DIP Switch Setting and Location



Follow these guidelines before applying power to the circuit board.



For proper operation of this power board, the power wires and DIP switch are to be connected as follows:

120 VAC application - white & black wires  
- switch setting to left

277 VAC application - white & blue wires  
- switch setting to right.

### WARRANTY - 25 YEAR LIMITED\*

Manufacturer will repair or replace any components, which have failed due to manufacturer's defects or workmanship, for a period of 25 years. The warranty does not cover physical damage or abuse, and manufacturer reserves the right to charge for such repairs if deemed necessary.

\*Battery is covered separately by a 7 year warranty through manufacturer.

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