IMPORTANT SAFEGUARDS
READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Do not use outdoors.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
- Allow battery to charge for 24 hours before first use.
- For use with metal enclosed wiring systems.

SAVE THESE INSTRUCTIONS!

INSTALLATION INSTRUCTIONS

1. Remove cover by pulling equally forward at the outer rim of the faceplate on opposite sides.
2. Remove pan assembly by removing 4 screws.
3. Punch desired knockouts located on the top, sides or back of the sign for mounting.
4. For mounting of canopy, wall or flush mount follow steps below.

   a) Attach canopy to enclosure using threaded nipple and nut.
   b) Secure mounting plate to junction box using screws provided with junction box.
   c) Secure canopy to junction box using 6-32 x 3/8” screws.

5. Make connection with AC supply inside junction box as described in the **Electrical Connection** section.
6. Mount the housing/canopy assembly securely to the junction box mounting plate.
7. Connect battery leads, black to negative (-) and red to positive (+).
8. Remove the proper chevron(s) from the EXIT faceplate if necessary.
9. Reinstall pan assembly with 4 screws.
10. Replace faceplate onto housing and resecure.

FLUSH MOUNTING (Fig. 5)

1. Cut opening in drywall to accept 8 1/4" x 13 1/2" enclosure.
2. Knockout hole pattern of backplate to align with junction box.
3. Secure backplate to wall using hardware supplied with junction box.

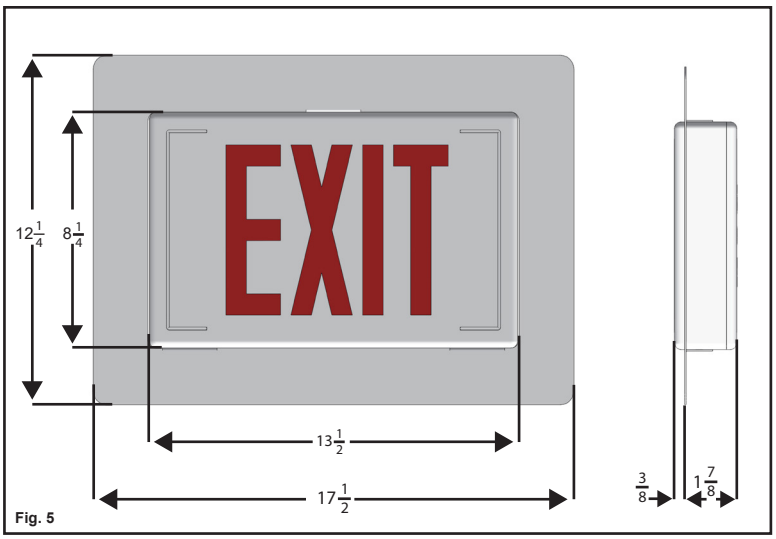

Fig. 5

ELECTRICAL CONNECTIONS

1. All Electrical connections should be made inside junction box.

Make Electrical Connections as follows:

120V AC	**220/230V AC**	**277V AC**
White - Common	White - Common	White - Common
Black -120V	Yellow - 220/230V	Orange - 277V

Note: Cap unused leads to prevent shorting

2. Be sure all wiring is routed around cavity of enclosure to avoid shadowing on faceplate.
3. If supplied with Battery Backup: plug the mating connector of the battery to the PC board.

Self-Test/Self-Diagnostic

Operation

The purpose of this option is to provide self-testing and self-diagnostic capabilities to the EXIT sign. At predetermined intervals, the EXIT sign will automatically switch into battery mode. Refer to the Self-Test section of this page for timing details. The EXIT sign will also perform various self-diagnostic tests of the unit. Visual signaling will alert maintenance personnel to a fault of the EXIT sign electronics, battery and/or battery charger. The circuitry continuously monitors the operating condition of the EXIT sign and battery charging circuit/battery supply voltage. Refer to Self-Diagnostic section of this page for fault reporting details.

LEDs

The EXIT sign is provided with a state-of-the art pulse charging system for the battery. The yellow LED (STEADY STATE) indicates that the charger is turned off. The red LED (CHARGER ON) indicates that the battery is under full charge. NOTE – the “STEADY STATE” and “CHARGER ON” LEDs will toggle faster with a discharged battery. A fully charged battery will cause the “STEADY STATE” LED to be illuminated longer than the “CHARGER ON” LED. The green “AC ON” LED indicates that normal AC power is being supplied to the EXIT sign. The red “UNIT ALERT” indicates whenever the self-diagnostic system has detected a fault condition.

Self-Test Features

The EXIT sign will automatically switch to battery mode every 28 days for a period of 5 minutes. The EXIT sign will automatically switch to battery mode every 6 months for a period of 90 minutes

Test Button Features

Pressing the “TEST BUTTON” once will switch the unit into battery mode for a period of 2 seconds.

MANUAL TEST - Pressing the “TEST BUTTON” twice (in rapid succession), will switch the unit to battery mode for a period of 15 minutes. Pressing the “TEST BUTTON” once while the unit is MANUAL TEST mode will cancel the manual test and return to unit to normal AC power.

RESET – Pressing the “TEST BUTTON” 3 times will reset the red “UNIT ALERT” LED. If multiple faults are present, it may be necessary to repeat this procedure for each remaining fault indicated by the “UNIT ALERT” LED.

Self-Diagnostic Features

Refer to the chart below when the “UNIT ALERT” LED is blinking.

Number of blinks	Unit Fault	Corrective Action
1	Battery is Disconnected	Check Battery Connections
2	Battery	Replace Battery
3	Not Applicable	Not Applicable
4	Charge	Check Battery Then Consult Factory
5	Transfer (AC to DC)	Check Battery Then Consult Factory

Use in accordance with local building codes.