



# LED EXIT SIGN WITH DUAL HEAD LED EMERGENCY LAMPS

## SAFETY AND INSTALLATION INSTRUCTIONS

**WARNING:** FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN DEATH, SERIOUS INJURY OR SIGNIFICANT PROPERTY DAMAGE. For your protection, read and follow these warnings and instructions carefully before installing or maintaining this equipment. These instructions do not attempt to cover all installation and maintenance situations.



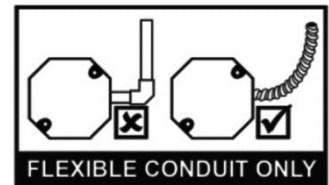
**WARNING:** RISK OF ELECTRIC SHOCK. NEVER CONNECT TO, DISCONNECT FROM, OR SERVICE WHILE EQUIPMENT IS ENERGIZED.

**WARNING:** RISK OF FIRE. Lamps are hot. Keep combustible material away from hot parts. Observe lamp manufacture's warnings, recommendations and restrictions on lamp operation and maintenance. Make sure lamps are correctly installed.

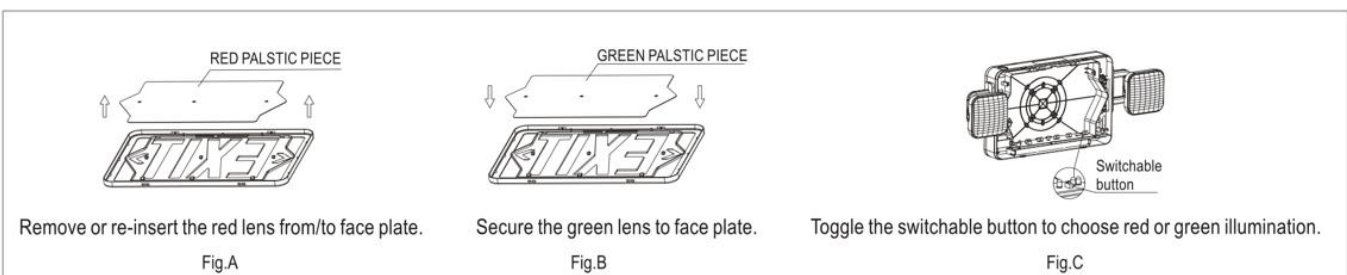
**CAUTION:** The battery is not fully charged out of the box, and is disconnected from the lamp. For the first-time use, connect the battery to the lamp, then fully charge it for 24 hours. The "TEST" button is used to simulate an outage. Press the "TEST" button, and the lamps on the unit will turn on immediately. (Refer to OPERATION BATTERY BACK UP for more testing information)

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

- Do not use outdoors. Suitable for use in 0°C-40C(32°F-104°F) indoor damp locations.
- Consult local building code for approved wiring and installation.
- Disconnect AC power before servicing and installation.
- Do not mount near gas or electric heaters.
- Do not use this equipment for anything other than its intended use.
- The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition.
- Any service on this equipment should be performed by qualified personnel only.
- Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
- Use caution when servicing the battery pack.
- Cap unused wires with enclosed wire nuts or other approved method.
- Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.



**NOTE:** Max mounting height is 8 ft. to achieve at least 1ft-candle of illuminance in emergency mode.





# LED EXIT SIGN WITH DUAL HEAD LED EMERGENCY LAMPS

## SAFETY AND INSTALLATION INSTRUCTIONS

NOTE: EXIT ships standard RED. Refer to Toggle Switch section for GREEN LED configuration.

### INSTALLATION INSTRUCTIONS (back mount):

1. Remove EXIT stencil face plate from housing. Remove RED lens from face plate (Fig. A). Set aside.
2. Drill or knock out appropriate knockouts on back plate to fit junction box mounting points.
3. Drill or knock out center hole in back plate for EXIT supply wire leads.
4. Route EXIT supply wires through center hole of the back plate and make wiring connection. For 120V, use black and white wires and for 277V, use red and white wires.

**WARNING:** Properly insulate the unused lead with a wire nut (provided) or other approved means.

5. Secure back plate to junction box (hardware not included)
6. Remove knockout chevron(s) on face plate, re-insert RED lens to face plate (Fig. A) (or GREEN if applicable, see Fig. B). Secure EXIT stencil face plate back onto housing.
7. Toggle the switchable button to select GREEN if applicable (Fig. C).
8. Connect battery only after continuous AC power can be provided to the unit.
9. Apply continuous AC power and press "TEST" button to check operation. (See operation battery back-up for testing procedures)

### INSTALLATION INSTRUCTIONS (top mount):

1. Remove EXIT stencil face plate from housing. Remove RED lens from face plate (Fig. A). Set aside.
2. Place screws (provided) in holes on the canopy.
3. Remove the mounting hole plug located on top of the housing.
4. Route EXIT supply wires through mounting hole on top of the housing. Route EXIT supply wires through mounting canopy. Route the wires carefully through the housing.
5. Route wires from the junction box through the metal mounting plate. Secure mounting plate to the junction box (hardware not included).
6. Make wiring connection. Use black and white wires for 120V, and red and white wires for 277V.

**WARNING:** Properly insulate the unused lead with a wire (provided) nut or other approved means.

7. Push wire connections through the middle metal plate and into the J-Box.
8. Secure the canopy to the steel mounting plate with screws installed in step 2.
9. Remove knockout chevron(s) from the face plate, as needed. Re- insert RED lens to face plate (Fig. A) (or GREEN if applicable, see Fig. B). Secure EXIT stencil face plate back onto housing.
10. Toggle the switchable button to select GREEN if applicable (Fig. C).
11. Connect battery only after continuous AC power can be provided to the unit.
12. Apply continuous AC power and press "TEST" button to check operation. (See operation battery back-up for testing procedures).

### INSTALLATION INSTRUCTIONS (side mount):

1. Remove EXIT stencil face plate from housing. Remove RED lens from face plate (Fig. A). Set aside.
2. Place screws (provided) in holes on the canopy.
3. Remove the lamp head from the housing on the desired mounting position. Disconnect the lamp head wires from the lamp PC board. Set lamp head aside.



# LED EXIT SIGN WITH LAMPS

## SAFETY AND INSTALLATION INSTRUCTIONS

4. Route EXIT supply wire through mounting hole on the side of the housing where the lamp head was removed. Route EXIT supply wire through mounting canopy. Route the wires carefully through the housing.
5. Route wires from junction box through metal mounting plate. Secure mounting plate to junction box (hardware not included).
6. Make wiring connection. For 120V, use black and white wires and for 277V, use red and white wires.  
**WARNING:** Properly insulate the unused lead with a wire nut (provided) or other approved means.
7. Push wire connections through middle metal plate and into the J-Box.
8. Secure the canopy to the steel mounting plate with screws installed in step 2.
9. Remove proper chevron(s) on face plate, re- insert RED lens to face plate, see Fig. A.(or GREEN if applicable, see Fig. B). Secure EXIT stencil face plate back onto housing.
10. Toggle the switchable button to select GREEN if applicable (Fig. C).
11. Connect battery only after continuous AC power can be provided to the unit.
12. Apply continuous AC power and press "TEST" button to check operation. (See operation battery back- up for testing procedures).

### INSTALLATION (relocation of lamp head to top of housing):

1. Remove the mounting hole plug located on the top of the housing.
2. Snap lamp head that was removed from the side of the housing into the mounting hole plug located on top of the housing.
3. Route lamp head wires through housing channels and make appropriate connection(s) on the lamp PC board.

### OPERATION(battery backup):

1. Apply AC power to the unit. Connect the battery to the PCBA. The LED indicator will turn RED.
2. After the battery has been left to charge for 24 hours, test the unit by pressing the test button once. The LED indicator turns OFF and the LED board stays ON.
3. When the test button is released, the LED indicator turns back to RED and the LED board stays ON.

### LED STATUS INDICATOR KEY AND:

