



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 in hazardous locations, or near gas or electrical heaters.
- Do not let power cords touch hot surface.
- 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.

SAVE THESE INSTRUCTIONS!

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Wall Mount Installation (Fig. 2)

1. Insert a flat blade screwdriver into the two slots to remove front cover from backplate. (Fig 1).
2. Remove the knockout hole on the center of the backplate. Then remove the knockouts on the backplate that correspond to the junction box holes to be used. The knockout holes are easily removed when it is removed from the outside of the backplate.
3. Remove side hole plug from housing, snap lamp heads on the unit and connect to circuit board (Fig. 5)
4. Route AC supply leads through the center hole on the backplate, then make the proper wire connections. Connect the white wire to neutral. If using 120VAC, connect the black wire to the hot lead. If using 277VAC, connect the orange wire to the hot lead. Cap the unused lead. Refer to **Wiring Diagram** section. (Fig. 6)
5. Feed excess wire into junction box and secure backplate to junction box.
6. Attach battery connector to circuit board. (Fig. 2)
7. Snap chevrons to EXIT panel as needed and re-secure faceplate to unit.
8. Adjust the direction of lamp heads for optimal lighting coverage.

Ceiling Mount Installation (Fig. 3)

1. Attach crossbar to junction box, set the crossbar so that the short blade is touching the junction box.
2. Insert a flat blade screwdriver into the two slots to remove front cover from backplate. (Fig 1).
3. If double face is desired, replace backplate with additional face plate provided.
4. Remove the mounting hole cover on the top and side of the unit, assemble the canopy unit. (Fig. 4)
5. Remove side hole plug from housing, snap lamp heads on the unit and connect to circuit board (Fig. 5)
6. Route AC supply leads through the mounting hole on the frame, then make the proper wire connections. Connect the white wire to neutral. If using 120VAC, connect the black wire to the hot lead. If using 277VAC, connect the orange wire to the hot lead. Cap the unused lead. Refer to **Wiring Diagram** section. (Fig. 6)

Fig. 1

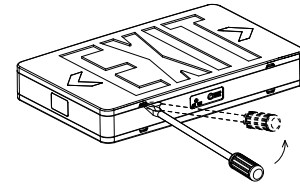


Fig. 2

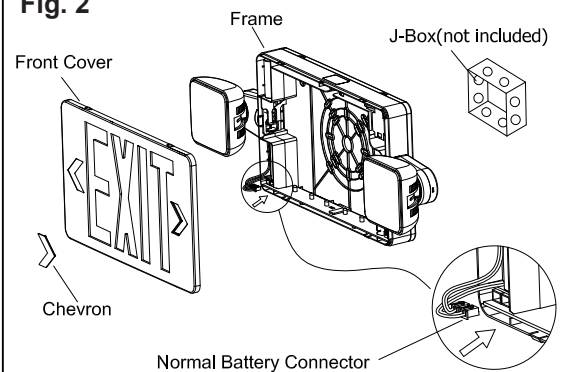


Fig. 3

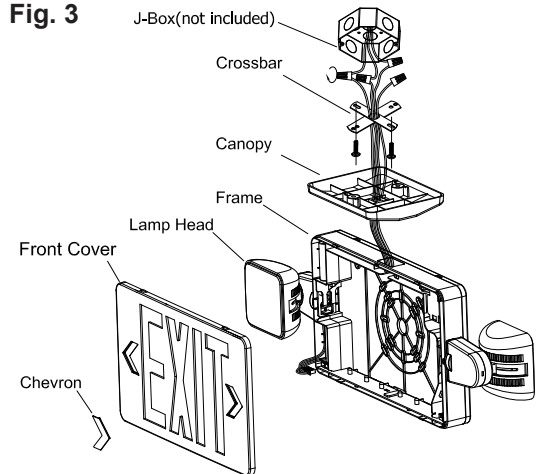
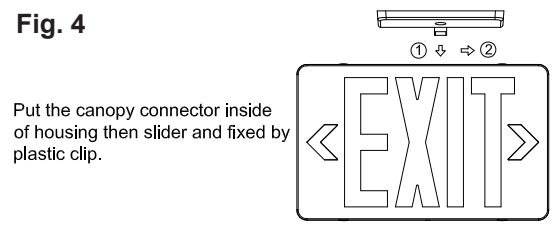
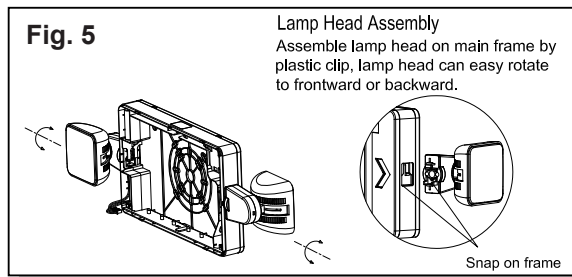


Fig. 4

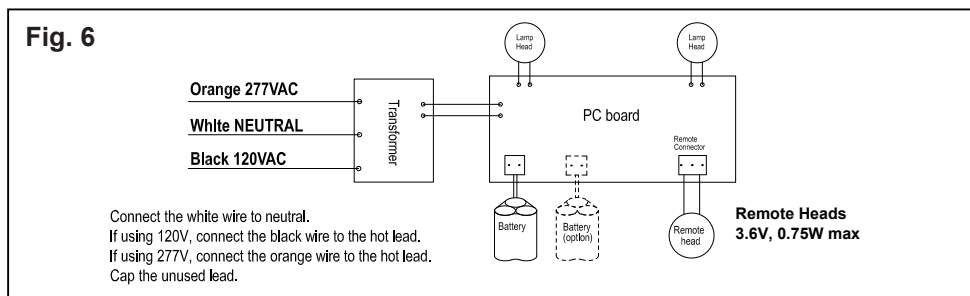


Put the canopy connector inside of housing then slider and fixed by plastic clip.

7. Fasten crossbar on junction box by screws provided, fasten canopy to crossbar and against the ceiling.
8. Snap chevrons to EXIT panel as needed.
9. Attach battery connector to circuit board, re-secure faceplate to unit. (Fig. 2)
10. Adjust the direction of lamp heads for optimal lighting coverage.



Wiring Diagram (Fig. 6)



Max. Mounting Height

Model	Height
EQCSS	17 ft

Maintenance

The battery has to recharge if the product is kept in stock over 9 months. We recommend that the equipment is tested regularly in accordance with local codes. Replace the batteries as needed if discharge time does not achieve 90 minutes.

Operation

The battery in this unit may not be fully charged. After electricity is connected to the unit for at least 24 hours, then normal operation of this unit should take effect. To check, press the "TEST" button. The EXIT sign should stay illuminated by battery backup and the LED indicator will be turned off. Release the "TEST" button, LED indicator will be turned on.

In accordance with NFPA 101, your emergency lighting system must be tested monthly for a minimum of 30 seconds and annually for 90 minutes. Refer to your local codes for any additional requirements that may apply.

Trouble Shooting Guide

If LED leads or LED indicator does not illuminate, check the following:

1. Check AC supply - verify that unit has 24 hours AC supply.
2. Check battery connection.
3. Discharge the battery and then charge the battery for 24 hours and retest.
4. If above trouble shooting hints to not solve the problem, contact factory for assistance.