

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.
- Suitable for damp locations. 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.

For -WB version:

- Allow battery to charge for 24 hours before first use.
- Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.

SAVE THESE INSTRUCTIONS!

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CH900X Series

Installation Instructions

Recessed Ceiling or Recessed Wall Mount (Fig. 1-4)

1. Position the recessed kit between joists, making sure the bar hangers are hung in the correct position. The bar hangers should be level with the bottom of the joists. Position the recessed kit temporarily by hammering the "nail-in" tabs on bar hangers, then secure permanently with nails. Adjust the height of the recessed kit vertically using adjusting slots and then tightening all screws on adjusting slots and bar hanger bracket to secure the adjusting bracket and bar hangers. (Fig. 1)
2. Separate the trimplate, connect the battery connectors(-WB).
3. Hang the safety rope to the module clip. (Fig. 2)
4. Disassemble the J-box cap, then route the AC line and proper wires into the J-Box.
5. Make electrical connections; see **Electrical Connections** section.
6. Push excess wire into the J-Box and tighten the J-box cap.
7. Reassemble the trimplate using the M3*15mm screws.
8. Connect the light bar connector, then insert the panel module into the trimplate. (Fig. 3 & 4)
9. Peel off protective film from both sides of EXIT panel (Fig.3)

Fig. 1

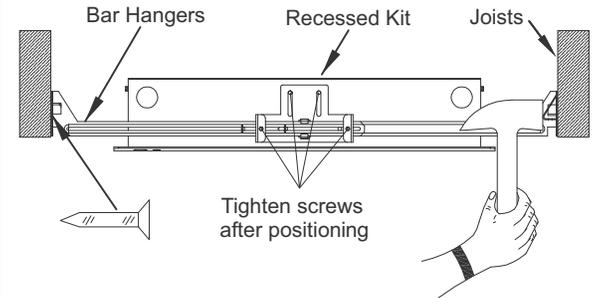


Fig. 2

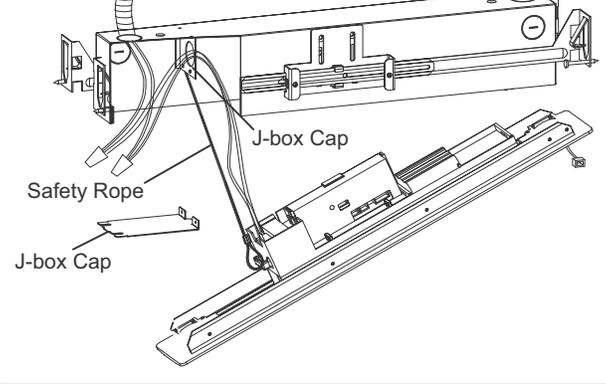


Fig. 3 - Recessed Ceiling Mount

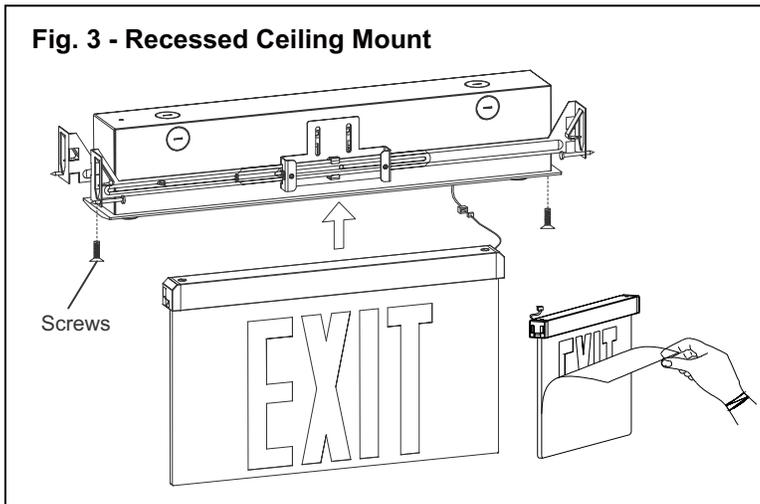
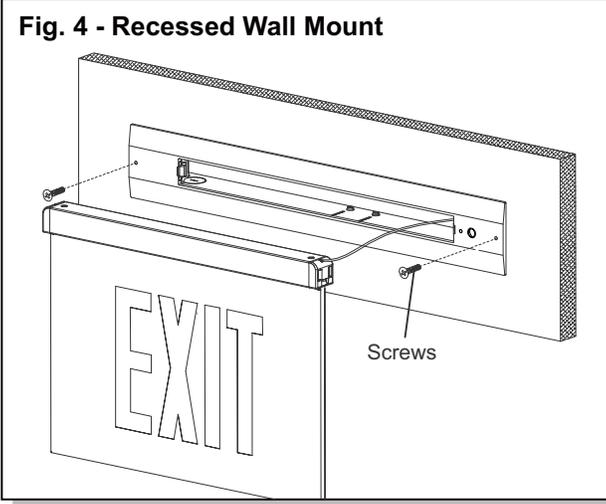


Fig. 4 - Recessed Wall Mount



Surface Ceiling, Surface Wall, or Flag Mount (Fig. 5-7)

1. Extend unswitched 24 hour AC supply of rated voltage to J-box (provided by others). Leave at least 18 inches of slack. Circuit should not be energized at this time.
2. Use a screwdriver to open the front cover, then connect the battery to the PCBA(-WB).
3. Insert the bushing into the wire access hole to prevent abrasion on the supply wires. Bring wires through the back of the fixture.
4. Make electrical connections; see **Electrical Connections** section.
5. Mount to the J-box.
6. Energize the AC supply; the LED indicator will come on.
7. Assemble the EXIT panel to the enclosure using screws. If the EXIT panel is single face, be sure the EXIT lettering is facing the right direction.
8. Replace the front cover to finish installation.
9. Peel off protective film from both sides of EXIT panel (Fig.6).

Fig. 5 - Surface Ceiling Mount

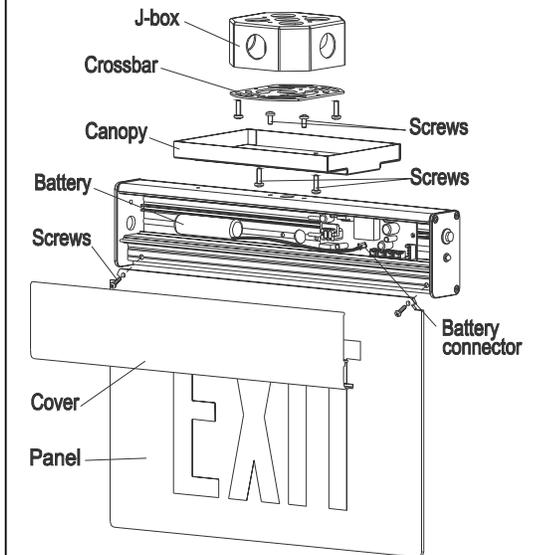


Fig. 6 - Surface Wall Mount

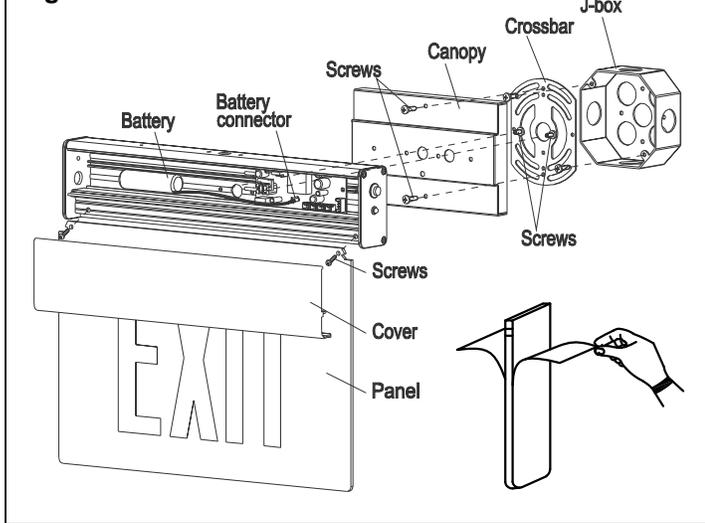
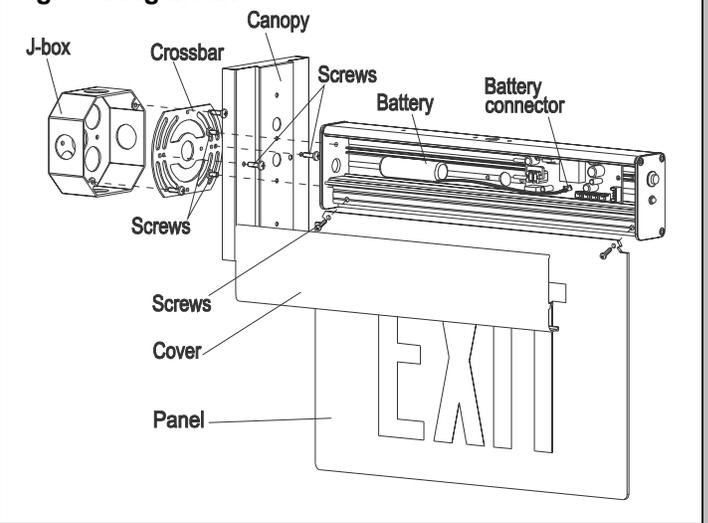


Fig. 7 - Flag Mount



CH900X Series

Installation Instructions

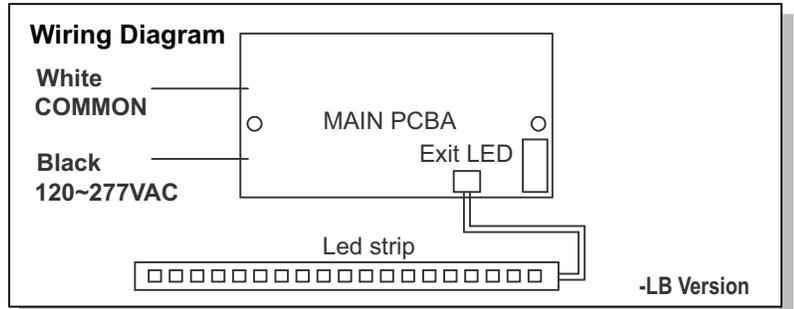
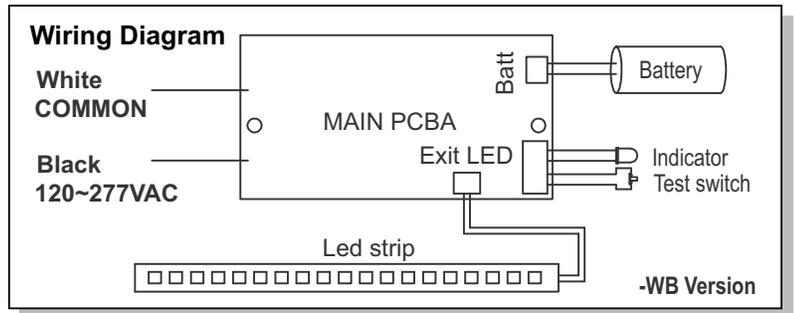
Electrical Connections

All electrical connections should be made inside the J-box. Make electrical connections as follows:

120-277VAC

White - Common
Black - 120-277VAC
Green - Ground

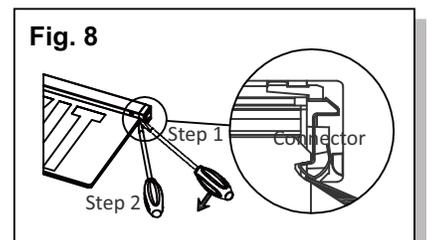
Note: Cap unused wires to prevent shorting



Panel Disassembly (Recessed Fixtures Only)

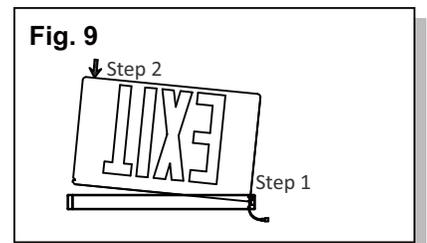
Insert a flat screwdriver in the gap between the panel and the spring clip in the light

bar. Depress the spring to release the panel, then remove the panel. (Fig. 8)



Panel Assembly (Recessed Fixtures Only)

Ensure that the wording is facing the desired direction. Insert one side of the panel into one end of the light bar, then press the other side into place. (Fig. 9)



Maintenance and Operation

1. To test self-powered fixtures, depress the test switch. The EXIT sign will remain lit when switched to battery power(-WB).
2. Release the test switch, and the EXIT sign will operate with AC supply.
3. Servicing of any parts should be performed by qualified personnel. For replacement parts, see fixture label for proper identification of manufactory.
4. Replace batteries according to ambient conditions(-WB). Equipment should be tested regularly in accordance with local codes.