

INSTALLATION INSTRUCTIONS

Self-Powered LED Exit Signs Installation Instructions

IMPORTANT SAFEGUARDS

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

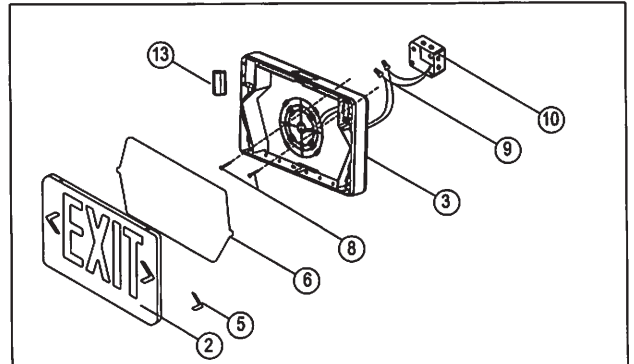
1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Do not use outdoors.
3. Do not mount near gas or electric heaters.
4. Do not let power cords touch hot surfaces.
5. Use caution when servicing batteries. Avoid possible shorting.
6. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
8. Do not use this equipment for other than intended use.
9. Before wiring to AC service, turn off AC power at fuse or circuit breaker.
10. Disconnect AC power and unplug battery before servicing.
11. When relamping, only use lamps specified in the fixture.
12. Battery in this unit may not be fully charged. After the AC service is supplied to unit, let the battery charge up for at least 24 hours before performing any tests.
13. Connect the battery before the AC power is supplied to unit.

SAVE THESE INSTRUCTIONS

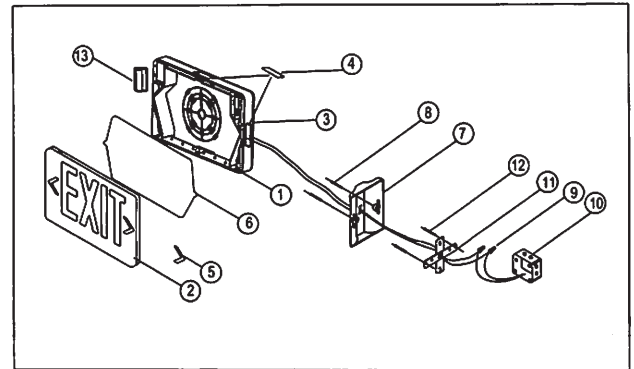
INSTALLATION

- #### BACK MOUNTING - See diagram 1
1. Drill $\text{\O}1/4"$ holes into oblong knock outs on back plate (3) that correspond to junction box (10) holes to be used.
 2. Feed the transformer input leads through center hole and make the proper connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect the orange and white leads to the building utility. Cap off unused wire. If the unit is self-powered, be sure to snap battery connector together.
 3. Feed excess wire into junction box and secure back plate (3) to junction box (10).
 4. Snap in arrows (5) on EXIT panel (2) as required. Then snap EXIT panel (2) to housing, top first and then bottom.

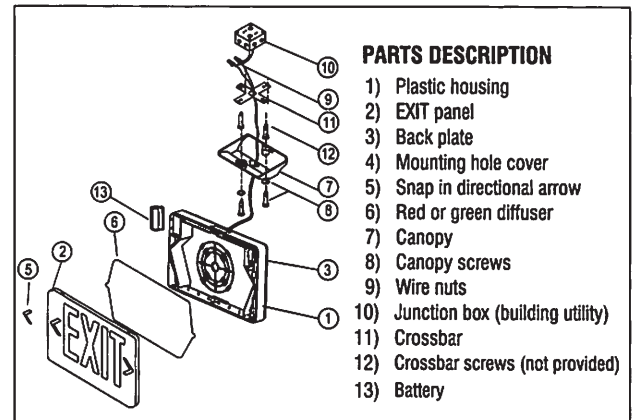
BACK MOUNTING - DIAG. 1



SIDE MOUNTING - DIAG. 2



CEILING MOUNTING - DIAG. 3



This product default setting is red exit sign, can change to green exit sign per need(see Fig 2).

RED AND GREEN SIGN CHANGEABLE

The exit sign default setting is red, you can change to green sign as need.

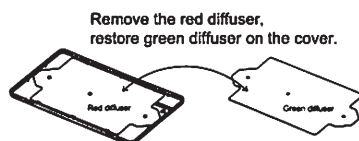


Fig 2

Slide the switch to another side for green sign.

WIRING

277VAC INPUT 120VAC INPUT

ORANGE WHITE BLACK



INSTALLATION INSTRUCTIONS

SIDE MOUNTING - See diagram 2

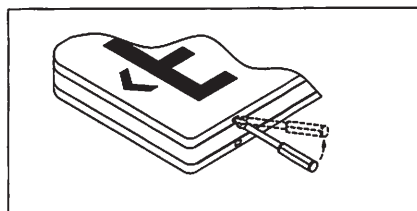
1. Attach crossbar (11) to junction box (10). Set the crossbar so that the longer blade is touching the junction box.
2. Open the EXIT housing. Feed the transformer input leads through side hole, being sure to secure wire into wire guides molded at the edges of the sign.
3. Attach sign to canopy (7) by inserting canopy into sign at an angle, then twist to secure.
4. Make the proper supply lead connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect the orange and white leads to the building utility. Cap off unused wire. If the unit is self-powered, be sure to snap battery connector together.
5. Push excess wire into junction box and align holes in canopy (7) with those in crossbar(11). Using screws supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against wall.
6. Snap in arrows (5) to EXIT panel (2) as required. Then snap EXIT panel (2) to housing, top first and then bottom.

CEILING MOUNTING - See diagram 3

1. Attach crossbar (11) to junction box (10). Set the crossbar so that the longer blade is touching the junction box.
2. Open the EXIT housing. Feed the transformer input leads through top hole, being sure to secure wire into wire guides molded at the edges of the sign.
3. Attach sign to canopy by inserting canopy into sign at an angle, then twist to secure.
4. Make the proper supply lead connections. If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect the orange and white leads to the building utility. Cap off unused wire. If the unit is self-powered, be sure to snap battery connector together.
5. Push excess wire into junction box and align holes in canopy (7) with those in crossbar (11). Using screws supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against ceiling.
6. Snap in arrows (5) to EXIT panel (2) as required. Then snap EXIT panel (2) to housing, top first and then bottom.

OPENING EXIT PANEL

Use flat blade screwdriver to open. Insert screwdriver into the slot and gently pry off the panel.



MAINTENANCE (for battery backup item)

Battery have to recharge if product keep in stock over 9 months, detail manual refer "BATTERY STOCK AND RECHARGE GUIDELINE". We recommend that the equipment be tested regularly in accordance with local codes. Replace the batteries as needed if discharge time do not achieve 90 minutes,

OPERATION (for battery backup item)

Press the test button, unit illuminance by battery backup and the LED indicator will turn off, release the test switch, LED indicator will turn on and the LED heads will turn off.

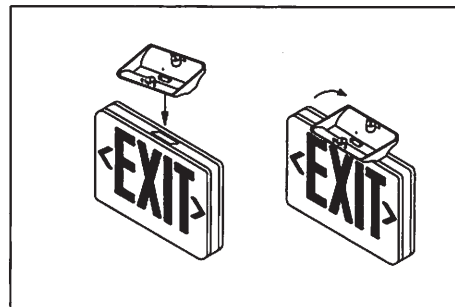
Connecting Remote Heads

If fixture has remote capability option, Max. remote capability is 3.6VDC1.5W max.

Connect remote heads extension wire to remote wire, yellow is positive(+), purple is negative(-). connect wires using wire nuts.

ASSEMBLING CANOPY TO HOUSING

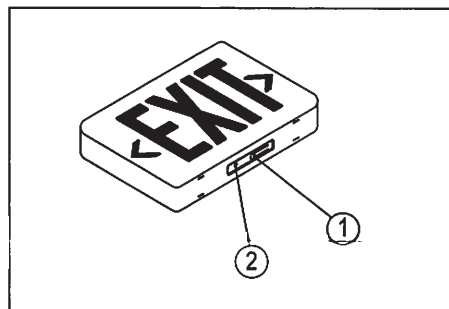
Insert canopy into housing at a 20 degree angle and twist. Quick snap is now firmly locked.



CAUTION

Trying to remove canopy after it is locked in place may cause damage.

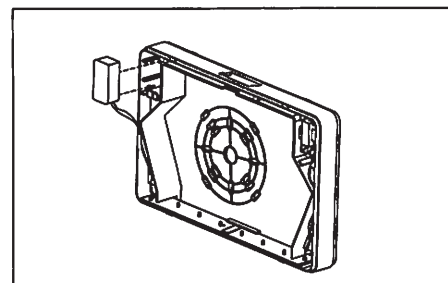
MANUAL TESTING



- 1) Manual test switch
- 2) LED indicator (indicates normal operation)

CAUTION

Battery connector is shipped disconnected. It must be connected at installation. AC only item no battery backup.



4. Connect remote heads(Optional)

(1) Remove jump connector from the female connector on PCBA.

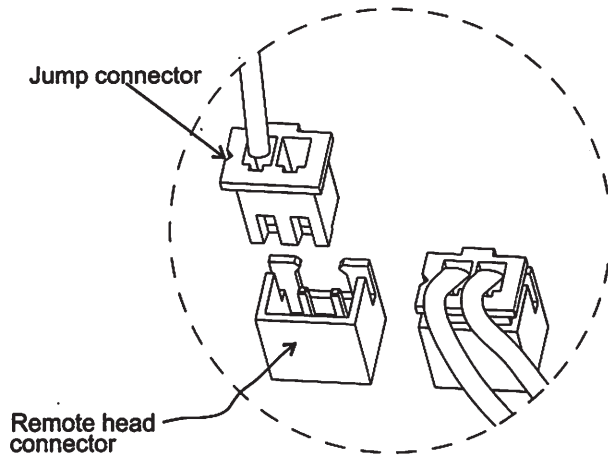


Figure 1

(2) Attach the remote male connector into the female connector on PC board.

(3) Connect extended remote head wires to the remote wires using wire nut. Yellow is positive(+) and the purple is negative(-).

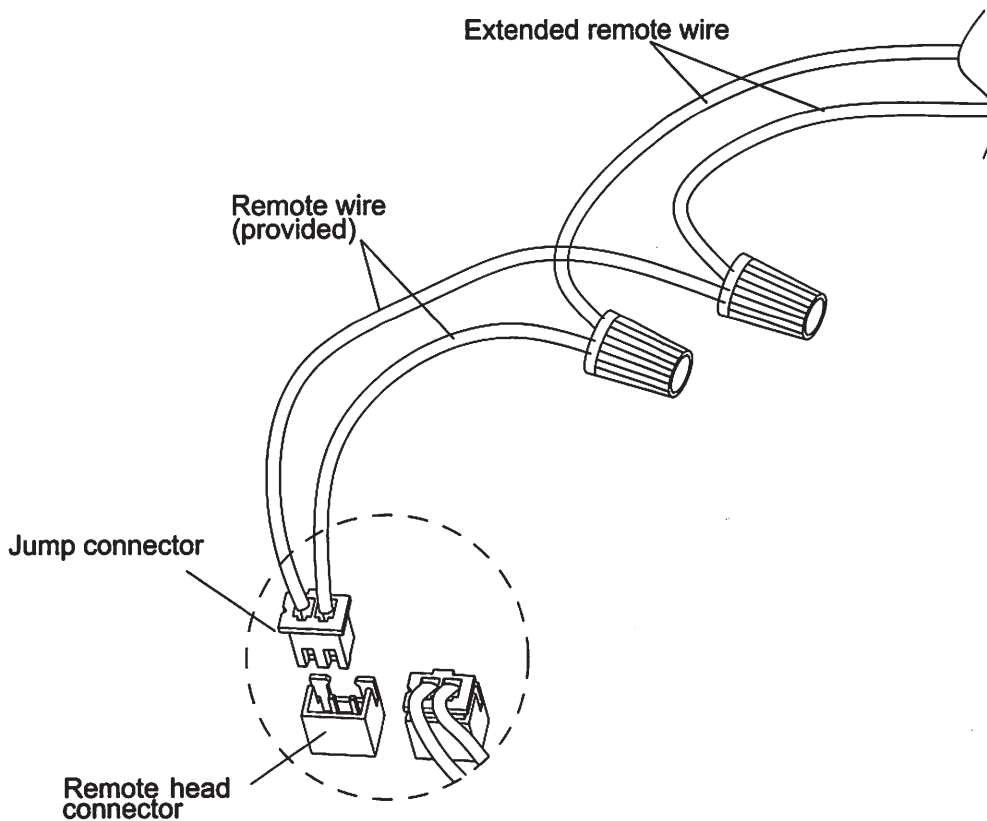


Figure 2

