

LED UNIV. EXIT SIGN & EMERGENCY



INSTALL INSTRUCTIONS

PLEASE FIND A QUALIFIED ELECTRICIAN FOR INSTALLATION. Please read the instructions before you install and use the fixture.

GENERAL: ALL ELECTRICAL CONNECTIONS MUST BE IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODE (N.E.C.) STANDARDS. IF YOU ARE UNFAMILIAR WITH PROPER ELECTRICAL WIRING CONNECTIONS OBTAIN THE SERVICES OF A QUALIFIED ELECTRICIAN.

Do not use outdoors, do not mount near gas or electric heaters.

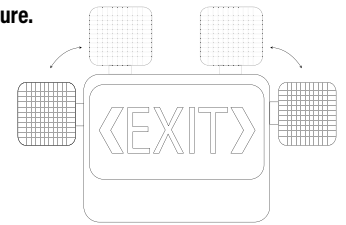
Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. IF acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.

Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personal. All servicing should be performed by a qualified personnel only.

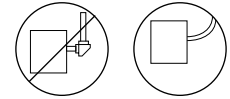
The use of accessory equipment is not recommended by the manufacturer, this may cause an unsafe condition.

Allow battery to charge for 24 hours before first use.

SUITABLE FOR DAMP LOCATIONS



Use Flexible Conduit Only



INSTALLATION

WARNING - RISK OF ELECTRIC SHOCK. DISCONNECT AC POWER AT FUSE OR CIRCUIT BREAKER, AND UNPLUG BATTERY BEFORE INSTALLING OR SERVICING.

Pendant Mounting (See Fig. 12)

1. Use center hole on the top for mounting, you can also do pendant mounting however the extension pipe for pendant mounting shall not be supplied.
2. Place extension pipe, making sure the threaded side is down, into the center hole on the top of the housing and then fasten the pipe to the housing using a nut (not provided). See Fig. 10
3. Connect and trim input wires then unit wires at the upper left corner of housing. (See Fig. 11) For proper wire connection, See Fig. 4 "ELECTRICAL CONNECTIONS".
4. Connect battery wire to battery. Refer Fig. 2 to take out and to insert battery to plastic housing. (If remote capability is needed, refer to "FOR REMOTE CAPABILITY")
5. Snap EXIT panel to housing.

Wall Mounting (See Fig. 13)

1. Remove EXIT panel with screwdriver, (See Fig. 1)
2. Remove 3/8" hole plug from the center of back plate. Drill 1/4" dia. holes into oblong knock outs on the back plate that correspond to junction box holes.
3. Assemble back plate with the plastic housing.
4. Feed excess wire into junction box and secure back plate to junction box.
5. Connect battery wire to battery. Refer (Fig. 2) to take out and to insert battery to plastic housing. (If remote capability is needed, refer to "FOR REMOTE CAPABILITY")
6. Snap in arrows on EXIT panel and store unused arrows in a safe place.
7. Snap EXIT panel to housing.

Ceiling Mounting (See Fig. 14)

1. Remove EXIT panel with screwdriver. (See Fig 1)
2. Attach crossbar (8) to junction box using junction box screws.
3. Attach sign to canopy by inserting canopy into sign at an angle, then twist to secure. (See Fig. 3)
4. Push excess wire into junction box and align holes in canopy with those in crossbar. Using screws and washers supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against ceiling.
5. Connect battery wire to battery. Refer Fig. 2 to take out and to insert battery to plastic housing. (If remote capability is needed, refer to "FOR REMOTE CAPABILITY")
6. Snap in arrows on EXIT panel and store unused arrows in a safe place.
7. Snap EXIT panel to housing.

Side Mounting (See Fig. 15)

1. Remove EXIT panel with screwdriver. (See Fig 1)
2. Attach crossbar to junction box using junction box screws.
3. Attach sign to canopy by inserting the canopy into sign at an angle, then twist to secure. (See Fig. 3)
4. Push excess wire into junction box and align holes in canopy with those in the crossbar. Using screws and washers supplied, tighten canopy to crossbar so that the canopy is securely fastened and tight against the wall.
5. Connect battery wire to battery. Refer Fig. 2 to take out and to insert battery to plastic housing. (If remote capability is needed, refer to "FOR REMOTE CAPABILITY")
6. Snap in arrows on EXIT panel and store unused arrows in a safe place.
7. Snap EXIT panel to housing.

ELECTRICAL CONNECTIONS

Make the proper supply lead connections. If using 120V, connect the black and white leads to the building utility. If using 277V, connect the orange and white leads to the building utility. Cap off unused wires, in all cases use standard wire nuts in connection to leads. (See Fig. 4)

FOR REMOTE CAPABILITY

1. In order to use additional remote head (6V 12W Max), prepare additional battery and extra wire for remote capability if one battery was assembled. Make the proper head connection with remote head wires (not supplied) at junction box using extra head wires in the sign. (See Fig. 5)
2. Connect additional 6V 4.5Ah battery (not supplied) to extra battery connector on the supplied battery, (See Fig. 6) Then place supplied battery in right battery case and place additional battery in left battery case. (See Fig. 7) To take out and to insert battery, refer Fig. 2
3. Extra wire for remote capability is not supplied for one battery assembled by manufacturer.
4. Extra wires for remote capability is supplied for two batteries assembled by manufacturer.

UNITS WITH HALOGEN LAMPS ONLY

WARNING - Halogen cycle lamp(s) are used in this equipment. To avoid shattering, do not operate lamp in excess of rated voltage, protect lamp against abrasion and scratches and against liquids when lamp is operating. Dispose of lamp with care.

- Halogens run at high temperatures, do not leave flammable materials near lamp.

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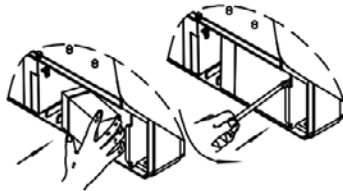


INSTALL INSTRUCTIONS

Fig. 1 Opening Exit panel

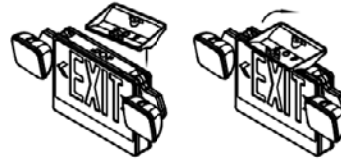


Fig. 2 Inserting/Taking out battery



Inserting
Using (-) driver,
taking out from the bottom

Fig. 3 Assembling canopy to housing
Insert canopy into housing Quick snap is now
at 20 degree and twist firmly locked



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

Fig. 4 Wiring

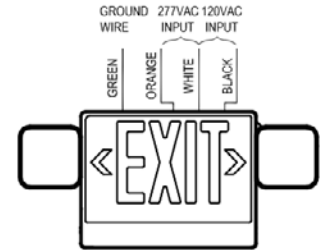
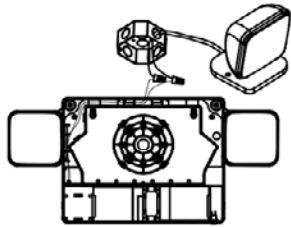
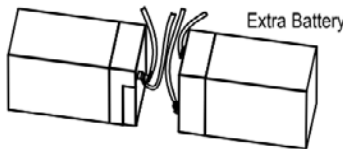


Fig. 5 Wiring for remote capability



Extra wire for remote capability
(Not provided for one battery)

Fig. 6 Connecting additional battery for remote capability



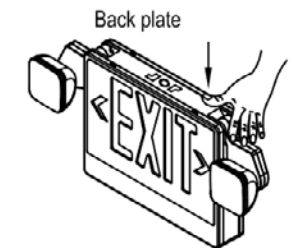
Connect additional battery wire
using extra battery terminal

Fig. 7 Position for battery for remote capability



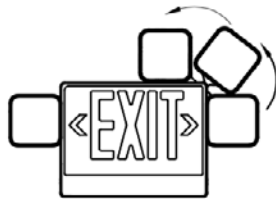
Additional Battery Supplied Battery

Fig. 8 Opening back plate



Using Finger press plastic housing

Fig. 9 Adjust position of emergency light heads



You can adjust position of light heads to
get the best position of emergency lighting

Fig.10 For pendant mounting

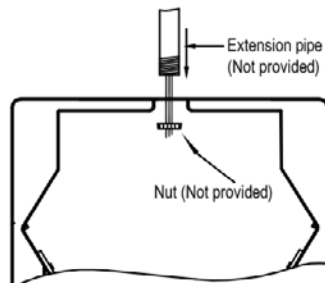


Fig. 11 Connect and trim wires

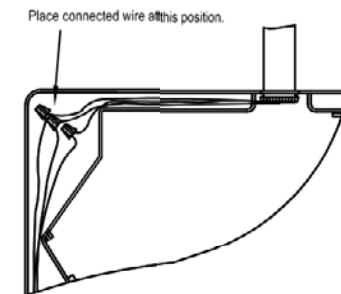


Fig. 12 Pendant Mounting

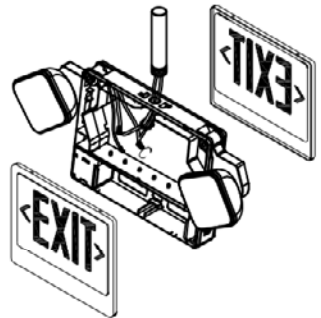


Fig.13 WALL MOUNTING

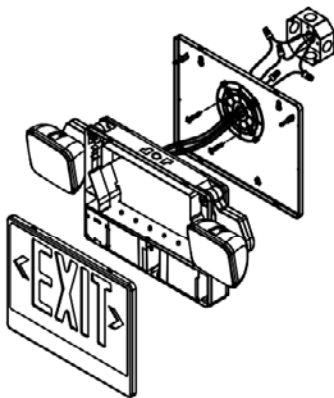


Fig.14 CEILING MOUNTING

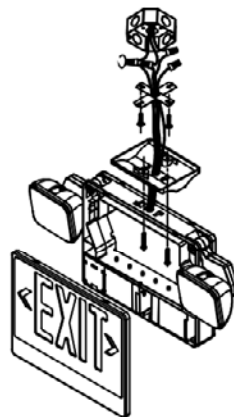


Fig.15 SIDE MOUNTING

