

INSTALLATION INSTRUCTIONS

FOR DIE CAST ALUMINUM LED EXIT SIGN WITH BATTERY BACKUP – MD-B SERIES

SAVE THESE INSTRUCTIONS

IMPORTANT SAFEGUARDS:

When using electrical equipment, always adhere to basic safety precautions including the following:

IMPORTANT

The battery in this unit may not be fully charged. After electricity is connected to unit, let battery charge for at least 24 hours, then normal operation of this unit should take effect.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Equipment should be mounted securely in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
3. Do not mount near gas or electric heaters.
4. Cap unused wires with enclosed wire nuts or other approved method.
5. Do not use this equipment for anything other than its intended use.
6. The use of accessory equipment not recommended by the manufacturer will void product listing and warranty and may cause an unsafe condition.
7. Disconnect AC power before servicing and installation.
8. Consult local building code for approved wiring and installation.
9. Use caution when servicing batteries.
10. Installation and service on this equipment should be performed by qualified personnel only.
11. Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.



CANOPY MOUNTING (TOP OR END MOUNT)

1. Remove face plate cover by pulling evenly at outer rim of face plate on two opposite sides. Remove ground wire from face plate (Fig. 6).
2. Pop out mounting hole cover on top or end of the fixture. Place one of the nuts from threaded stem rod in slot inside the housing just inside of unit (Fig. 1).
3. Feed AC supply and ground wire through the nut and hole and out of the fixture housing (Fig. 2).
4. Secure the canopy J-Box cover to the mount area of the fixture by positioning it to align the hole.
5. Feed AC supply wires and ground wire through threaded stem, and screw stem into nut inside unit. Screw the remaining nut for the threaded stem onto the stem, and tighten securely to complete the mounting of the canopy to the exit sign (Fig. 3).
6. Determine the direction the fixture should be mounted (which way the face should be pointing). Use the included round J-Box mounting plate and small #8-32 screws to accomplish this (Fig. 4).
7. Make connection with the AC supply wires in the J-Box as described in the wiring diagram.
8. Now mount the sign to the J-Box plate with (2) #8-32 screws provided and tighten securely (Fig. 5).
9. Remove the proper chevron(s), if necessary, and reattach ground wire to the face plate (Fig. 6).
10. Attach battery jumper wire to PC board and reattach face plate.

BACK MOUNTING

1. Remove face plate cover by pulling evenly at the outer rim of face plate on two opposite sides (Fig. 6).
2. Remove the center knockout in back-plate as well as required knockouts that will match the junction box.
3. Route the wires through the center knockout. Make electrical connections inside the junction box as described in the ELECTRICAL CONNECTIONS section. Push wires against the back of the sign to minimize any of the wires interfering with the illumination of the letters.
4. Now mount the sign to the J-Box.
5. Remove the proper chevron(s), if necessary and reattach the ground wire to the face plate (Fig. 6).
6. Attach battery jumper wire to PC board and reattach face plate.

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WIRING DIAGRAM

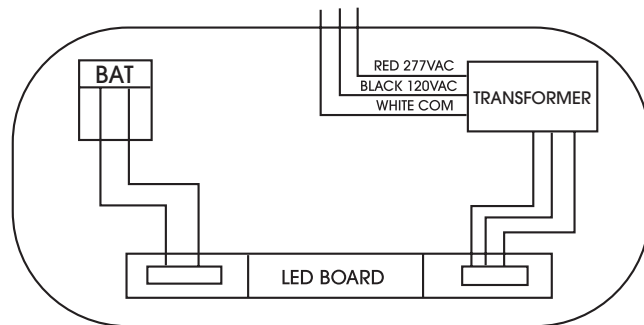


FIG. 1



FIG. 2



FIG. 3

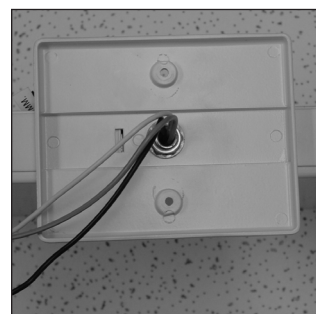


FIG. 4

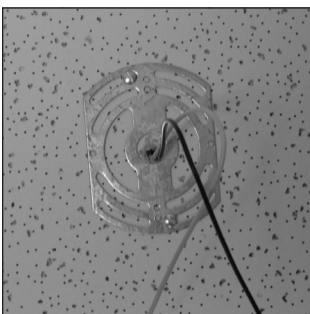


FIG. 5



FIG. 6

