

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. Disconnect power before performing work on electrical equipment.
 3. Do not use outdoors.
 4. Do not let power cords touch hot surfaces and do not mount near gas or electric heaters.
 5. Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or eyes, flush with fresh water and contact a physician immediately.
 6. Equipment should be mounted in locations and at heights where unauthorized personnel will not readily subject it to tampering.
 7. The use of accessory equipment not recommended by manufacturer, may cause an unsafe condition, and will void the unit's warranty.
 8. Do not use this equipment for other than its intended purpose.
 9. Servicing of this equipment should be performed by qualified service personnel.
 10. **SAVE THESE INSTRUCTIONS!**
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INSTALLATION

WALL MOUNT - SINGLE FACE (See Figure 1):

1. Extend unswitched 24 hour AC supply of rated voltage to junction box or appropriate wiring (supplied by others). Leave at least eight (8) inches of slack wire. The circuit should not be energized at this time.
2. Disassemble the exit sign if necessary by removing the four (4) tamperproof screws (one in each corner) on the front cover / faceplate (Figure 1).
3. Remove the steel faceplate cover as well as the Lexan shield and exit stencil that holds it in place.
4. Knockout the appropriate mounting pattern on back plate and wire pass-thru hole to fit junction box or wiring connector being used (supplied by others).
5. Bring wires through the back of the sign and mount the exit securely in place. Screw directly to junction box if possible.
6. Connect AC supply per diagram provided (Figure 4). **Insulate unused wire!**
CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.
7. Route wires and secure them in place.
8. Remove any directional chevron arrows to be indicated as required from the exit stencil.
9. Replace Lexan shield and exit stencil, cover with the steel faceplate and secure with the four (4) supplied tamperproof screws.
10. Turn on the AC voltage supply.

CEILING/END MOUNT - SINGLE OR DOUBLE FACE (See Figure 2 or 3):

1. Canopy is factory installed for these mounting configurations.
2. Follow steps 1 to 3 of Wall Mounting instructions above. If internal exit wiring is not already pulled through the pass-thru hole in the exit canopy then feed the exit wires out.
3. Follow steps 6 to 10 on Wall Mounting instructions.
4. Secure exit sign to wall or ceiling using two (2) appropriate sized screws through the mounting holes provided on the canopy (Figures 2 or 3). If possible mount directly to the electrical junction box. Four (4) additional mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting holes are provided in each corner of the canopy. It is strongly recommended that additional screws or mounting hardware be used to secure the exit through these 4 holes.
5. Turn on the AC voltage supply.

SELF-POWERED:

1. For models PRX, plug the battery into the circuit board per (Figure 4) self-powered sign.

CAUTION

Before full load testing, allow battery 24 hours to complete full recharge following the turn on of AC power.

Figure 1

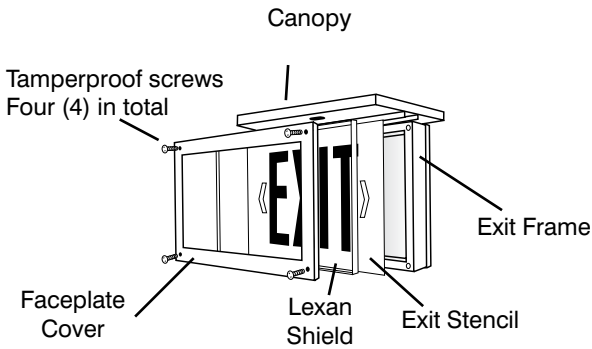
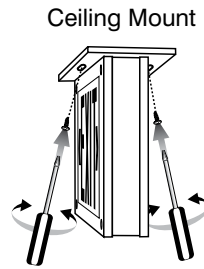
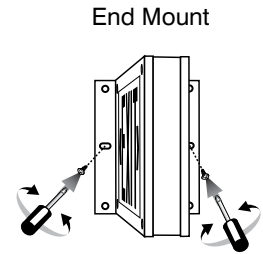


Figure 2



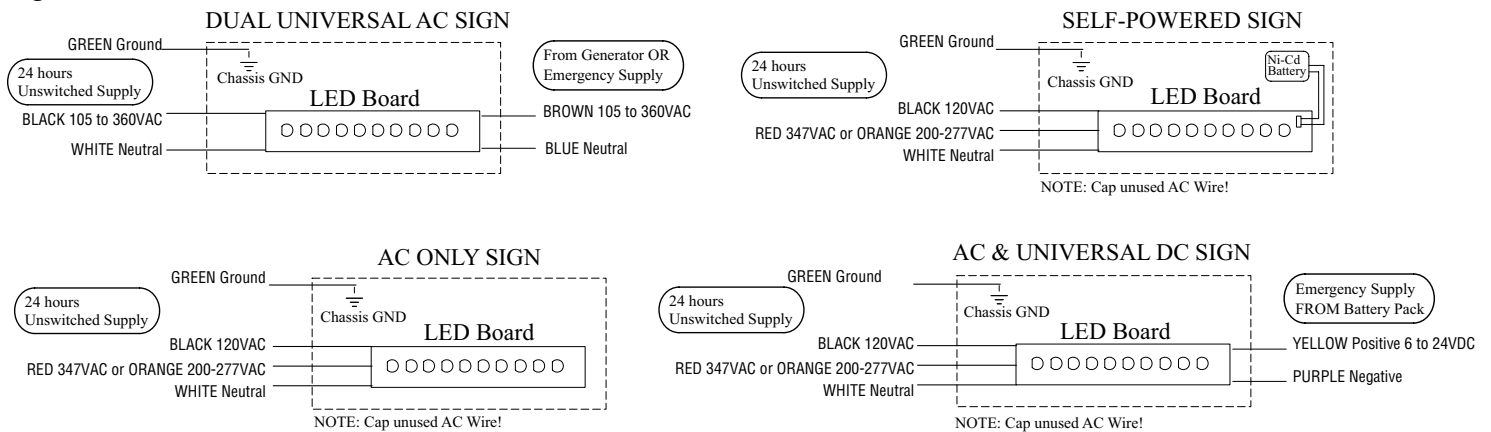
Mount Canopy to Junction Box in Ceiling Using Centre Holes

Figure 3



Mount Canopy to Junction Box in Wall Using Centre Holes

Figure 4



OPERATION

1. Depress the TEST switch. The LED "AC ON" indicator will go out and faceplate LEDs will remain illuminated.
2. Release the TEST switch. The LED "AC ON" indicator will come back on.

MAINTENANCE

1. Code requires that the equipment be tested every 30 days for 30 seconds, and that written records be maintained. Further, the equipment is to be tested once a year for 90 minutes duration as per Code. The equipment is to be repaired whenever the equipment fails to operate as intended during the duration test. Written records of test results and any repairs made must be maintained. The manufacturer strongly recommends compliance with all Code requirements.
2. Clean exit face(s) on a regular basis.

NOTE: The servicing of any parts should be performed by qualified service personnel only. The use of replacement parts not furnished by the manufacturer may cause equipment failure and will void the warranty.

TROUBLESHOOTING

EXIT SIGN DOES NOT COME ON AT ALL

LED "AC ON" indicator is out before test...

1. Check AC supply and all AC connections - be sure exit has 24 hour AC supply (unswitched).
LED "AC ON" indicator on before test

2. Either the battery is shorted or the battery is not connected.

3. Battery is severely discharged. Allow 24 hours for recharge and then retest. NOTE: This could be the result of a switched AC supply to the unit (which has been turned off at some point), a battery with a shorted cell, an old battery or a battery which has been discharged due to a long power outage and is not yet fully recharged.

EXIT SIGN COMES ON DIM WHEN TEST BUTTON IS PRESSED

1. Battery discharged - permit the battery to recharge for 24 hours and then retest. If lamps are still dim, replace battery.

EXIT SIGN COMES ON DIM WHEN AC POWER IS ON

1. Check supply voltage and AC connections. This emergency light is provided with brownout protection. The AC supply must be at least 80% of nominal (96V on a 120V line) for equipment to function normally. At lower voltages the emergency lamps will begin to glow dimly until the source voltage drops below the full "turn-on" point.

NOTE: This condition may also be caused by incorrectly connecting a 120 Volt supply line to the 277-Volt transformer lead.

SAVE THESE INSTRUCTIONS