
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 BeLuce Canada Inc., 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!**

INSTALLATION

WALL MOUNT - SINGLE FACE:

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. Remove the exit sign faceplate with a slotted screwdriver by depressing the tabs at the top of the sign. Take care not to damage the red fibre which is loose behind the exit face. *Figure 1*.
3. Remove the exit sign universal canopy kit.
4. Knock out the appropriate mounting pattern and/or wire pass-thru hole on the exit back plate to fit the 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 supply (*Figure 2*) as follows:
Red - Line 347 volt; Black - Line 120 volts; White - Neutral; Green - Ground. For 277 volt use orange wire. Cap any unused wires. **Insulate unused wire! CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.**
7. If the unit is self-powered, be sure to snap battery connector together (*Figure 4*).
8. Route wires and secure them in place.
9. Snap in chevrons to exit panel as required.
10. Replace the exit faceplate together with the red fibre by snapping the face to the body.
11. Turn on the AC voltage supply.

CEILING/END MOUNT:

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. Remove the exit sign faceplate with a slotted screwdriver by depressing the tabs at the top of the sign. Take care not to damage the red fibre which is loose behind the exit face. *Figure 1*.
3. Remove the exit sign universal canopy kit.
4. Attach crossbar to junction box. Set the crossbar so that the longer blade is touching the junction box.
5. Feed input leads through top/side hole, being sure to secure wire into wire guides molded at the edges of the sign.
6. Attach sign to canopy by inserting in canopy into sign at an angle, then twist to secure (*Figure 3*).
7. Connect supply (*Figure 2*) as follows:
Red - Line 347 volt; Black - Line 120 volts; White - Neutral; Green - Ground. For 277 volt use orange wire. Cap any unused wires. **Insulate unused wire! CAUTION! - Failure to insulate unused wire may result in a shock hazard or unsafe condition as well as equipment failure.**
8. If the unit is self-powered, be sure to snap battery connector together (*Figure 4*).
9. Route wires and secure them in place.
10. Snap in chevrons to exit panel as required.
11. Push excess wire into junction box and align holes in canopy with those in cross bar. Using screws supplied, tighten canopy to crossbar so that canopy is securely fastened and tight against ceiling.
12. Turn on the AC voltage supply.

Figure 1



Figure 2

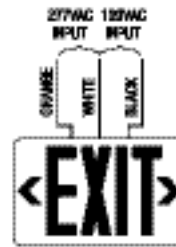
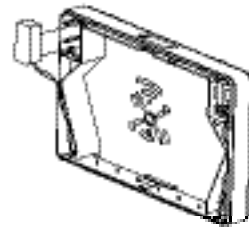


Figure 3



Figure 4



MAINTENANCE

1. 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. BeLuce Canada Inc. 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 BeLuce Canada Inc., may cause equipment failure and will void the warranty.

TROUBLESHOOTING

EXIT SIGN DOES NOT COME ON AT ALL

1. Check AC supply and all AC connections - be sure exit has 24 hour AC supply (unswitched).
2. Check supply voltage and AC connections. The AC supply must be at least 80% of nominal (96V on a 120V line) for equipment to function normally. At lower voltages the LEDs 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 capacitor assembly lead.
3. AC supply is OK; replace LED circuit board assembly.

SAVE THESE INSTRUCTIONS