

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED EXIT SIGN

IMPORTANT SAFEGUARDS

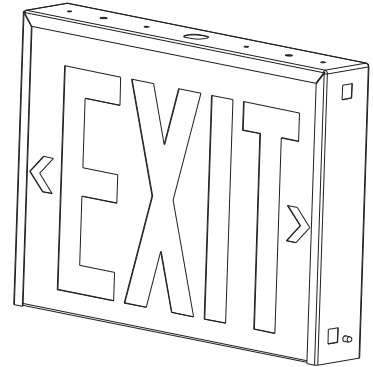
When using electrical equipment, basic safety precautions should always be followed including the following:

IMPORTANT

When re-lamping, only use lamps specified in the exit. Using other lamp types may result in transformer damage or unsafe conditions. Battery (when applicable) in the unit may not be fully charged. After electricity is connected to the unit, let the battery charge up for at least 24 hrs. The normal operation of the unit should then take effect.

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Do not use outdoors.
- Do not mount near gas or electric heaters.
- Use caution when handling batteries. Avoid possible shorting.
- Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Before wiring to power supply, turn off electricity at fuse or circuit breaker.
- Consult local building code for approved wiring and installation.
- Installation and servicing should be performed by qualified personnel.



INSTALLATION:

This exit is shipped with an EXTRA FACE PLATE & RED LENS to make the sign double faced. Replace the BACK PLATE with the extra face plate & lens at the start of the installation process if the application calls for a double-face sign.

CEILING or END MOUNT:

1. Slide out front exit panel face plate & lens/filter by removing the screw on the bottom of the unit.
2. Remove the (3) KOs from either the side (for end mount) or top (for ceiling mount) of the fixture that lines up with the same holes on the CANOPY/J-BOX COVER. (Note: For CEILING MOUNT, you must remove the INTERNAL TRANSFORMER COVER on the inside top of the fixture. Please re-insert after installation.)
3. Using the (2) 1/2" long 8-32 screws and lock nuts, attach the canopy to the proper area of the exit sign (as shown in Figure 1).
4. Determine if ADAPTER PLATE will be needed for proper orientation of the exit sign. If it is needed, install it now with the remaining (2) 1/2" long 8-32 screws (as shown in Figure 2).
5. Mount sign to the J-Box using the (2) 1-1/2" long 8-32 screws (Figure 2), making sure to route the AC SUPPLY wires into the fixture. Use the included 20" jumper wires if needed for this step.
6. Connect AC SUPPLY WIRES to fixture input wires. BLACK is 120V, RED is 277V, and WHITE is COM.
7. Connect bi-pin BATTERY CONNECTOR to PC BOARD (when applicable).
8. Replace front panel and red lens and secure with bottom screw.

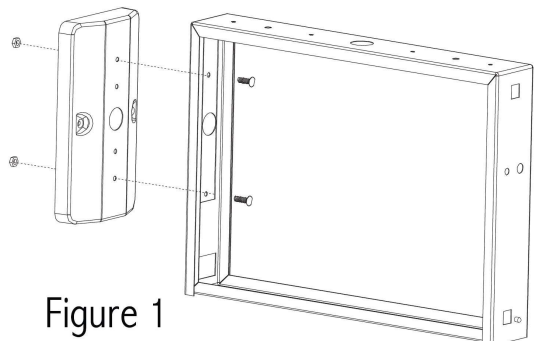


Figure 1

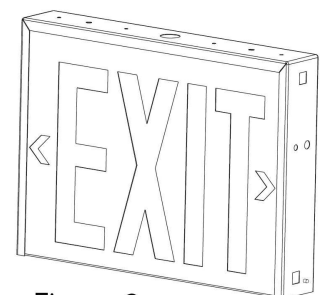
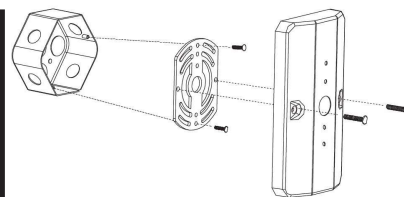


Figure 2

INSTALLATION INSTRUCTIONS FOR NEW YORK APPROVED EXIT SIGN

BACK MOUNTING:

1. Slide out the front exit panel face plate and lens/filter by removing the screw on the bottom of the unit.
2. Determine which mounting holes will be used to mount the fixture to J-BOX and then punch out proper K/Os from the K/O pattern on the back panel of the housing.
3. Mount sign to the J-BOX using the (2) 1-1/2" long 8-32 screws, making sure to route the AC SUPPLY wires into the fixture. Use the included 20" jumper wires if needed for this step.
4. Connect AC SUPPLY wires to fixture input wires. BLACK is 120V, RED is 277V, and WHITE is COM.
5. Connect the bi-pin BATTERY CONNECTOR to PC BOARD (when applicable).
6. Replace front panel and red lens and secure with bottom screw.

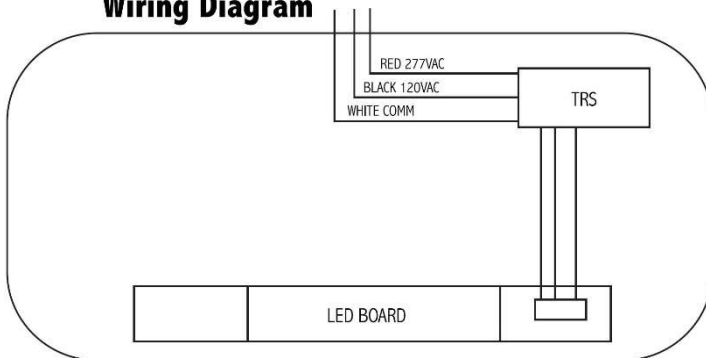
WIRING DIAGRAMS:

NOTE: Properly insulate the unused lead with a wire nut or other approved means.

WARNING: Unused wires must be capped using enclosed wire nuts.

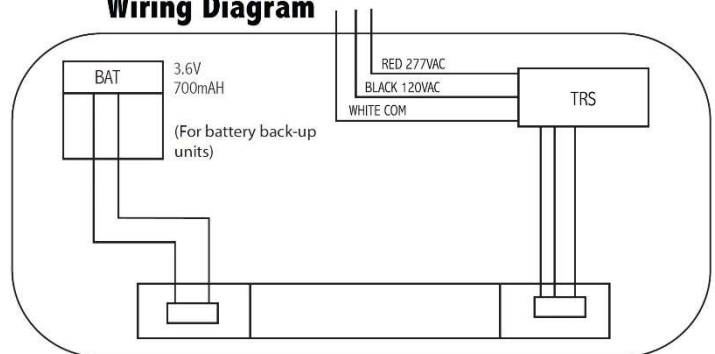
AC ONLY

Wiring Diagram



BATTERY BACKUP

Wiring Diagram



TESTING:

National Electric Code (NEC) and NFPA life safety code regulations require that routine tests need to be performed as listed below: Once every month, the unit needs to be tested for a duration of 30 seconds. Push in and hold the test switch to perform this test. Once every 12 months, a full 90-minute (per UL requirements) test needs to be performed on the unit. Disconnect power to the unit and leave it in the emergency mode. The lamps should stay ON for at least 90 minutes.

OPERATION:

1. Apply AC power to the sign. The LED indicator should turn RED.
2. After the battery has been left to charge for 24 hours, test the sign by pushing the switch. The LED indicator turns OFF and the sign should remain ON.
3. When the switch is released, the EXIT section remains ON, and the LED indicator turns back to RED.

MAINTENANCE:

Caution: Always turn off AC power to the equipment before servicing. Servicing should be performed only by a qualified service technician. Use only MANUFACTURER supplied replacement parts.

BATTERY: The battery supplied in this equipment requires no maintenance. However, it should be tested periodically (see TESTING) and replaced when it no longer operates the connected fixtures for the duration of a 30-second or 90-minute test. The battery supplied in this equipment has a life expectancy of 5-7 years when used in a normal ambient temperature of 72°F.