INSTALLATION INSTRUCTIONS FOR
NEW YORK APPROVED EXIT SIGN(BATTERY BACKUP)

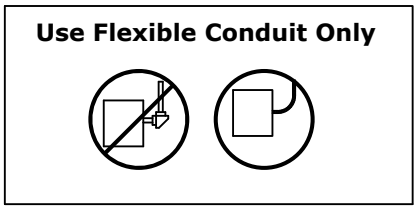
TWL-NR / RLW-RB Series

IMPORTANT SAFEGUARDS

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
SAVE THESE INSTRUCTIONS.

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

1. Before starting installation, disconnect AC power by turning off the circuit breaker or removing the appropriate fuse from the electrical panel. Do not rely on the wall switch to disconnect power. Using the light switch alone is not sufficient to prevent electrical shock.
2. This unit is suitable for outdoor use when installed in accordance with the installation instructions and applicable local electrical codes.
3. Do not install or mount the unit near gas-fired or electric heaters.
4. Use caution when servicing batteries. Battery acid can cause burns to the skin and eyes. If acid comes into contact with the skin or eyes, immediately flush the affected area with clean water and seek medical attention.
5. Install the equipment in locations and at mounting heights that prevent access by unauthorized personnel.
6. Do not use accessory equipment that has not been approved by the manufacturer, as doing so may create unsafe operating conditions and could void applicable warranties.
7. Use this equipment only for its intended purpose and in accordance with the manufacturer's instructions.
8. All servicing and maintenance of this equipment should be performed only by qualified service personnel.
9. Allow the battery to charge for a minimum of 24 hours before conducting testing or placing the unit into normal operation.



MAINTENANCE

If the battery has been in storage for more than 12 months, it must be recharged before the product is placed into service. For detailed charging instructions, refer to the Battery Storage and Recharge Guidelines.

We recommend testing the equipment regularly in accordance with applicable local codes and regulations. If the unit fails to provide the required 90-minute emergency runtime during testing, the batteries should be replaced.

OPERATION

Press the TEST button. The LED lamp heads will illuminate and the LED indicator will turn off. Release the TEST button. The LED indicator will illuminate and the LED lamp heads will turn off, returning the unit to normal operation.

TROUBLE SHOOTING GUIDE

If the LED board or LED indicator does not illuminate, check the following:

Verify AC Power: Confirm that AC power is present and that the unit has been connected to AC power continuously for at least 24 hours.

Check Battery Connection: Verify that the battery is properly connected.

Check Battery Voltage: If the battery voltage is too low, allow the unit to charge for 24 hours and then retest.

Contact Technical Support: If the above troubleshooting steps do not resolve the issue, please contact us for further assistance.

Wall Mounting

1. Open the front cover by removing the four (4) screws located in each corner of the cover using a screwdriver. (see Fig 1).
2. Remove the knockouts for the mounting holes and cable entry on the housing as required for the installation.
3. Feed the AC supply leads through the center cable entry hole into the housing. Mount the fixture to the junction box using the two (2) provided 8-32 x 1" mounting screws. (see Fig 2)
4. Make the proper electrical connections as shown in the wiring diagram (see Figure 3). Once all connections have been completed, carefully push any excess wiring back into the junction box.
5. Connect Battery connector to PC board (see Fig 2).
6. Carefully remove the appropriate directional chevron(s) from the faceplate as required for the desired exit sign configuration.
7. Reinstall the faceplate and red diffuser onto the main housing, ensuring all components are properly aligned and securely seated.
8. Restore AC power to the unit. The charge indicator will illuminate, indicating normal operation. Press the TEST button to perform a manual functional test of the unit.

Open Side Cover

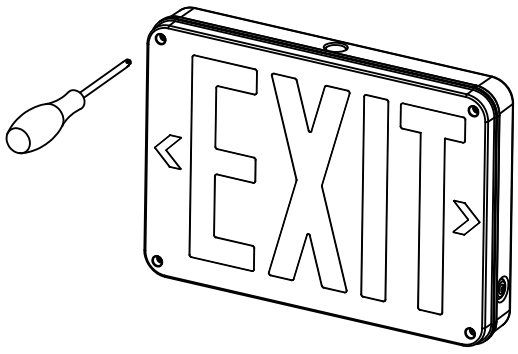


Fig 1

Wall mount

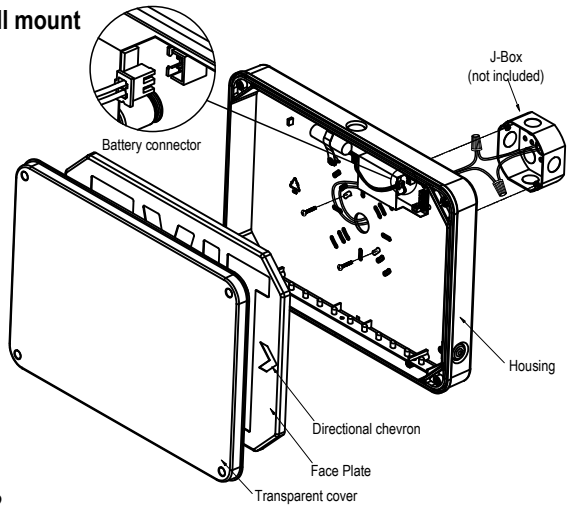
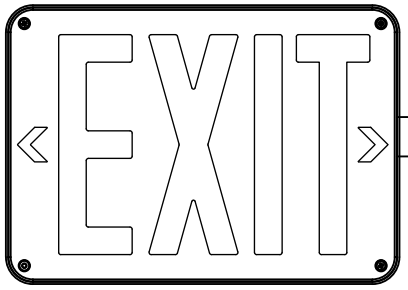


Fig 2

Wiring Diagram

Connect the white wire to neutral.
Connect the black wire to the hot lead.



White NEUTRAL
Black 120-277VAC

Fig 3