#695SQR2 / 695SQRRC

Square 2-Head
LED Emergency Light
with Battery Backup
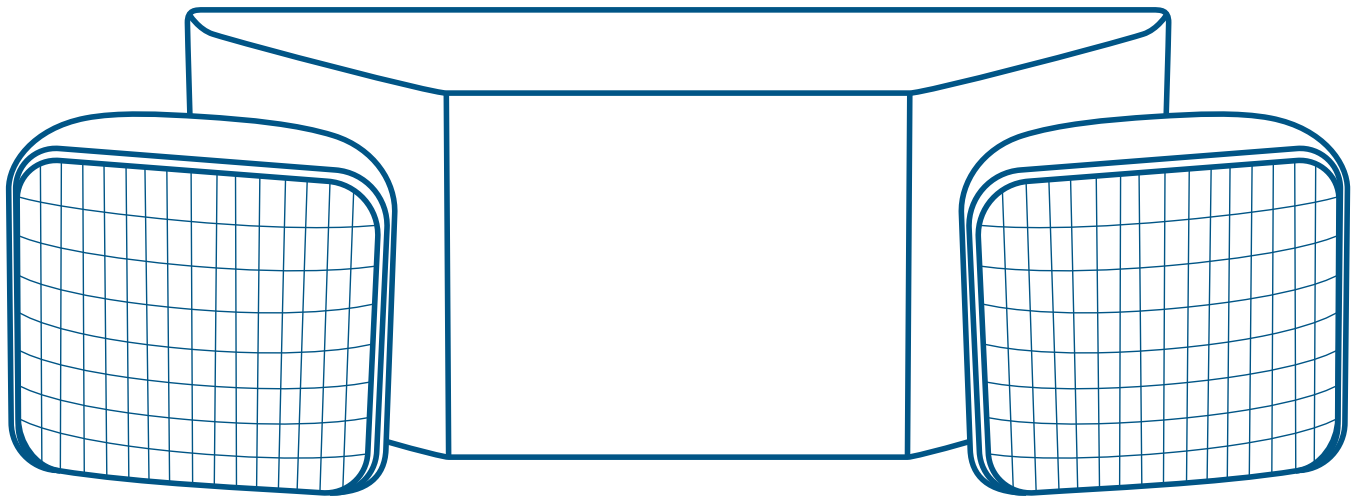
Table of Contents

Safety Instructions

- Do not use the equipment outdoors.
- Mount the equipment securely at heights where it will not be tampered with by unauthorized personnel.
- Do not mount near gas or electric heaters.
- Cap unused wires with the enclosed wire nuts or another approved method.
- Do not use this equipment for anything other than its intended purpose.
- Only use manufacturer approved hardware, not doing so will void the product listing and warranty and may cause an unsafe condition.
- Turn off power at the breaker box before servicing sign.
- Use caution when servicing batteries.
- Only qualified personnel should service this equipment.
- Ensure wire terminations are secure and wires are properly tucked into appropriate wire channels.

Important Information

- To check, press the "TEST" button. The LED lights should turn on.
- During a power failure, the LED lights will automatically turn on for at least 90 minutes.
- Test the emergency lighting system monthly for at least 30 seconds and annually for 90 minutes.
- Refer to local codes for additional requirements.

Battery

- The battery in this unit may not be fully charged. After connecting the unit to electricity, the battery will take up to 24 hours to be fully charged.
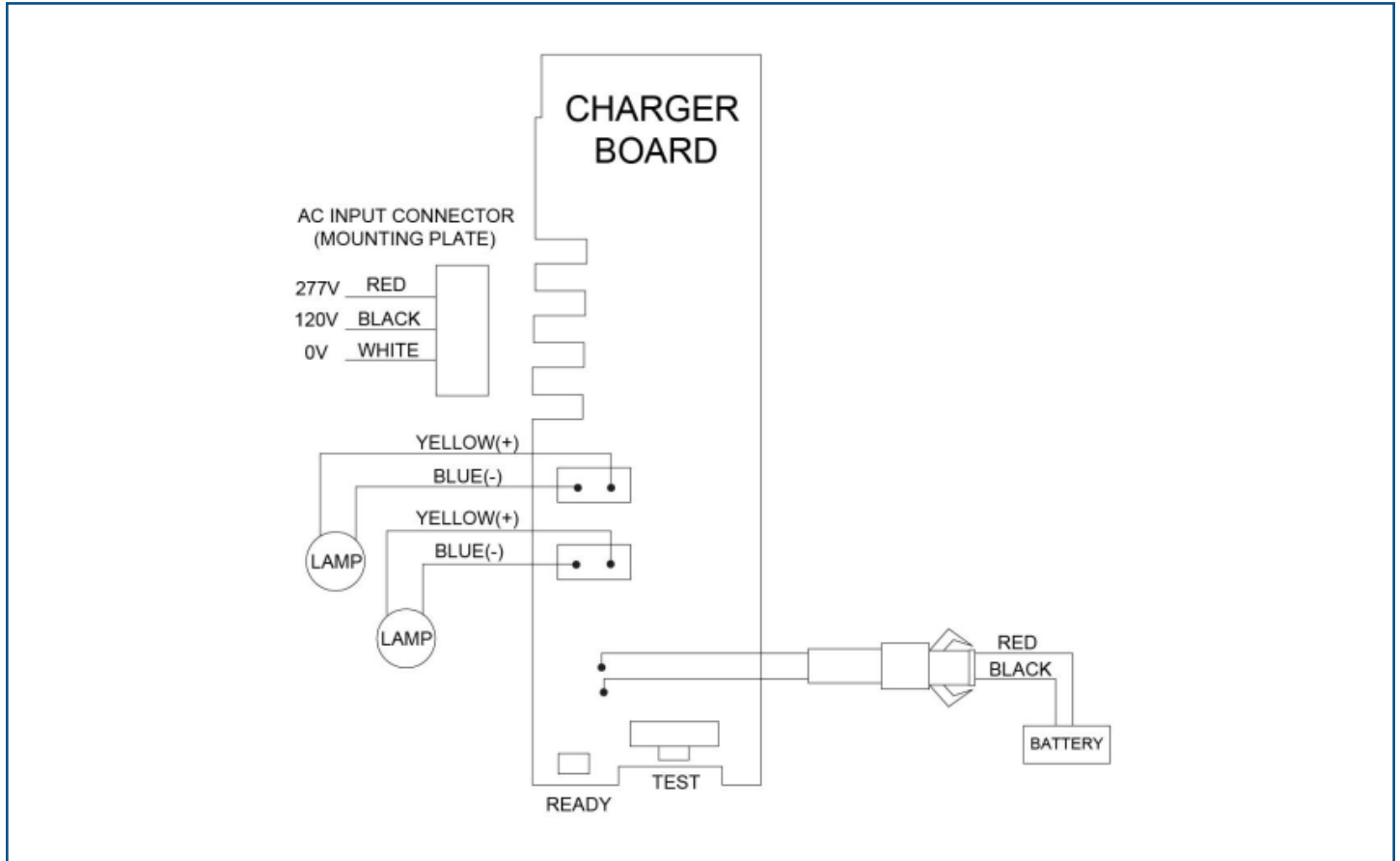
Replacement Lights

- Only use lights specified in the exit sign. Using other light types may result in transformer damage or unsafe conditions.

Installation Instructions

- Unit wiring must be completed by a certified electrician.
- Use flexible conduit only.
- It is recommended to put all emergency lighting on a dedicated breaker. Refer to local and state guidelines for your specific requirements.
- If your building has 277VAC, it is recommended to use that (red wire). If it does not, use the 120VAC (black wire). Both require using the neutral (white wire).
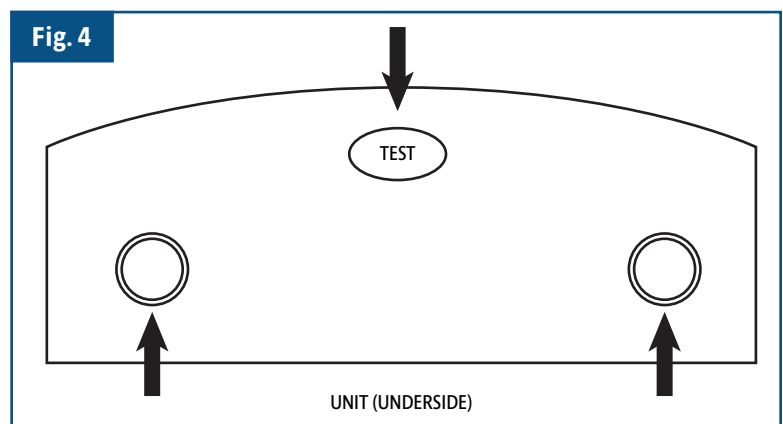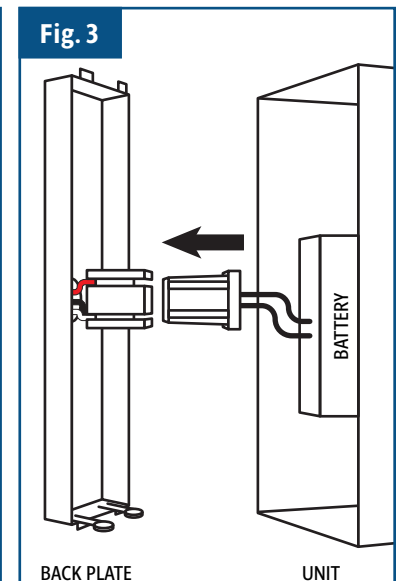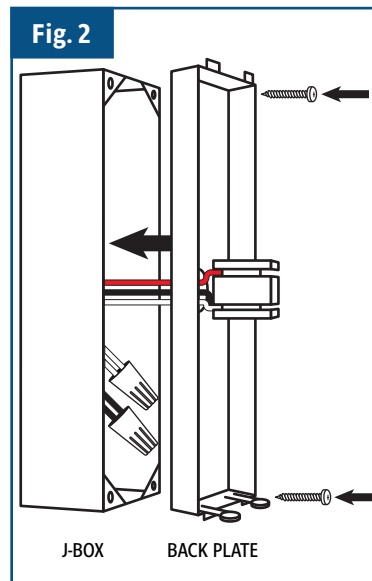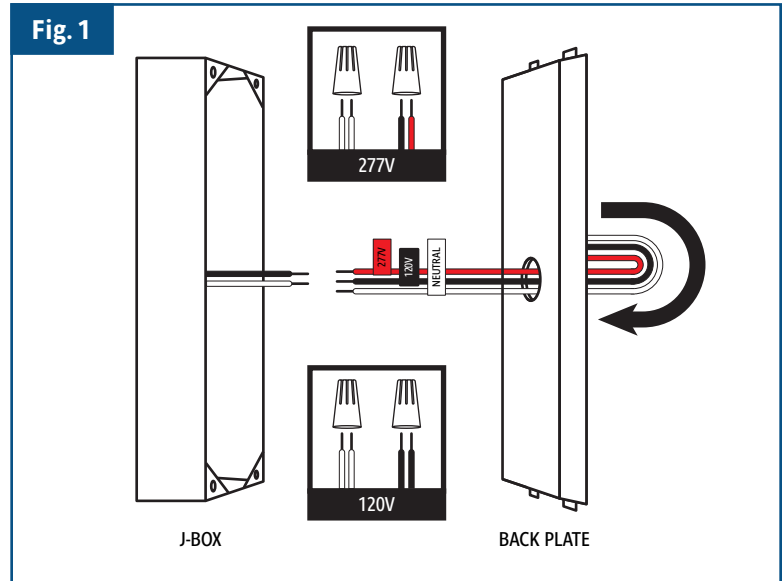
Electrical Diagram

Installation - J-Box Mounting

1. **Feed Fixture Wire:** Feed fixture wire through the back plate and connect them to the AC power supply (Fig. 1).

2. **Connect Wires and Mount Back Plate:** Connect wires through the J-Box. Mount the back plate on the J-Box and secure it with screws (Fig. 2).

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

3. **Connect Battery:** Only connect the battery after continuous AC power can be provided to the unit (Fig. 3).

4. **Attach Housing:** Align snaps and push the housing directly onto the main bottom case (Fig. 3).

5. **Power Up and Test**: Turn on the power to the unit and press the "TEST" button to check the light (Fig. 4).

Fig. 1

277V

120V

NEUTRAL

J-BOX

BACK PLATE

Fig. 2

J-BOX   BACK PLATE

Fig. 3

BATTERY

BACK PLATE   UNIT

Fig. 4

TEST

UNIT (UNDERSIDE)

Installation - Flush Wall Mount

1. **Feed Conduit:** Feed conduit through the back plate and connect to the fixture wires (Fig. 5).
   Note: Unused wires must be capped using enclosed wire nuts.

2. **Secure Back Plate:** Secure the back plate to the wall surface using drywall anchors and screws (Fig. 6).

3. **Connect Battery:** Only connect the battery after continuous AC power can be provided to the unit (Fig. 7).

4. **Attach Housing:** Align snaps and push the housing directly onto the main bottom case (Fig. 8).

5. **Power Up and Test**: Turn on the power to the unit and press the "TEST" button to check the light (Fig. 8).

Remote Lights
(695SQRRC)

• Use yellow and blue wires for remote fixture(s). Route wires outside of the fixture separately or with AC supply wires.

• Make sure to keep all wires out of the way of the exit legend so there are no shadows.

Operation Instructions

1. **Automatic Operation:**
   • During an electrical power failure, the LED lights will automatically turn on for a minimum of 90 minutes.

2. **Testing:**
   • To test, press the "TEST" switch (Fig. 8). The emergency LED lights will illuminate.
   • When the switch is released, the lights will turn off.

Fig. 5

277V

120V

NEUTRAL   120V   277V

CONDUIT

WALL   BACK PLATE

Fig. 6

WALL   BACK PLATE

Fig. 7

BATTERY

BACK PLATE   UNIT

Fig. 8

TEST

UNIT (UNDERSIDE)