

Model: NYCELR-R

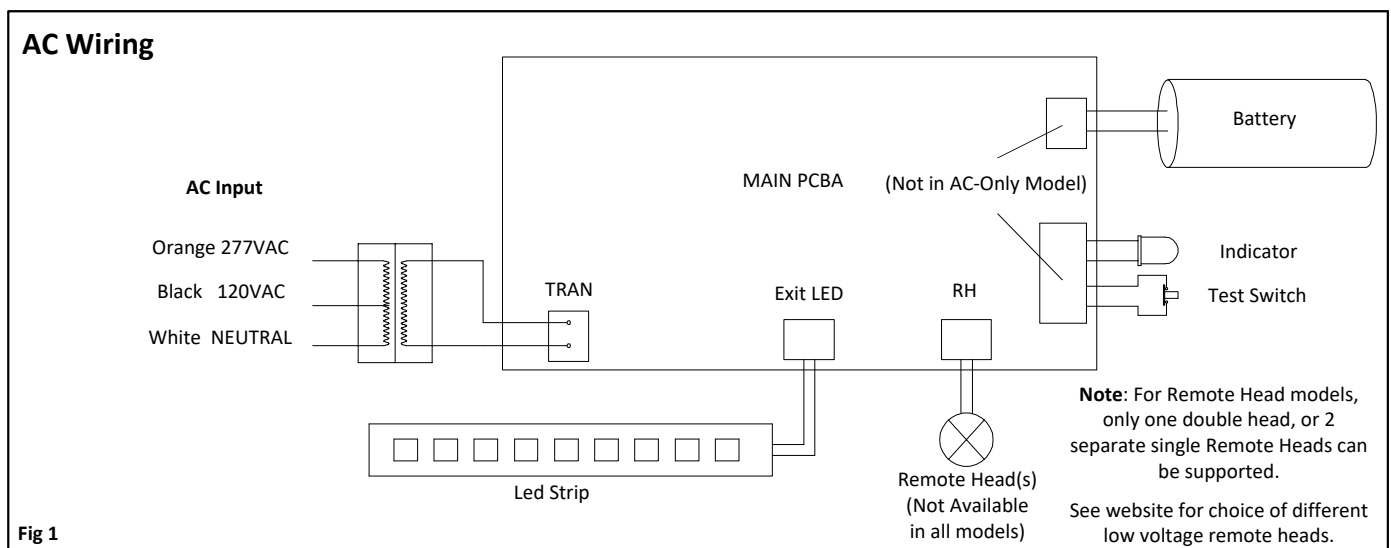
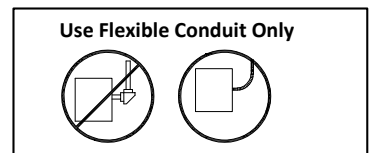


IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL EQUIPMENT,
BASIC SAFETY PRECAUTIONS SHOULD BE FOLLOWED INCLUDING THE FOLLOWING:

- Installation and servicing is to be performed only by qualified personnel.
- All electrical connections must be in accordance with local codes and ordinances.
- Turn off electrical power and allow the unit to cool off before opening for maintenance or servicing.
- Do not use outdoors.
- Do not let power supply cords touch hot surfaces.
- Do not use in hazardous location or mount near gas or electric heaters.
- Use caution when servicing batteries. Battery acid can cause burns to skin and eyes. If acid is spilled on skin or in eyes, flush acid with fresh water and contact a physician immediately.
- Equipment should be mounted in location and at heights where it will not readily be subject to tampering by unauthorized personnel.
- The use of accessory equipment not recommend by the manufacturer may cause unsafe conditions.
- After installation, allow battery to recharge for 24 hours before the first full duration discharging test. .
- Do not use this equipment for other than intended use.

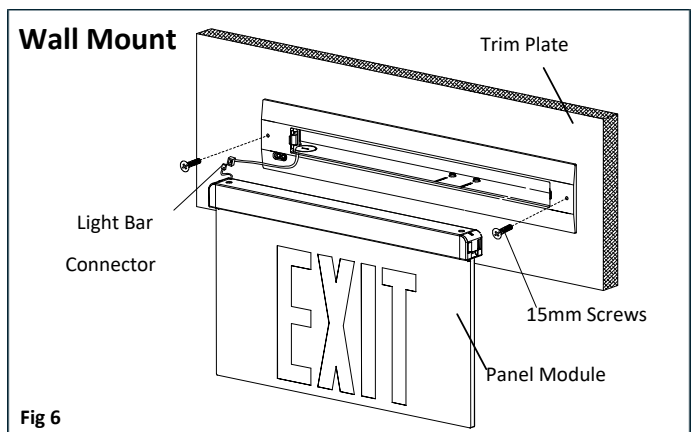
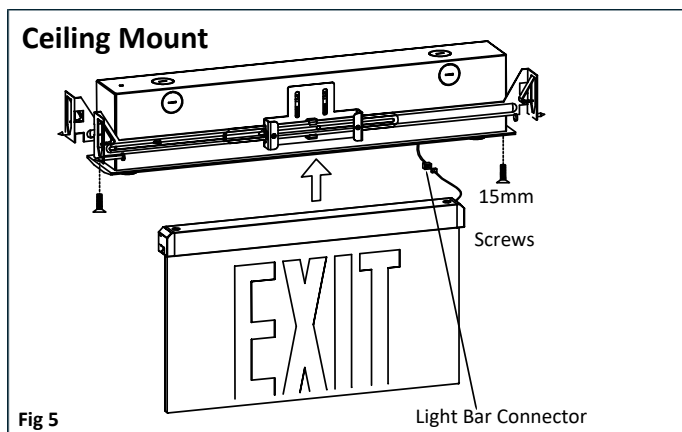
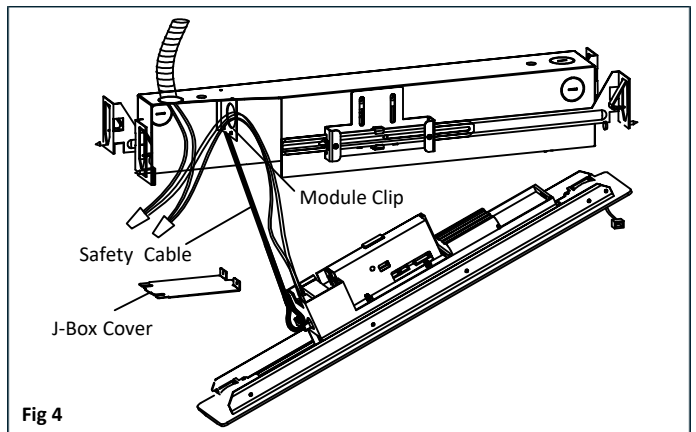
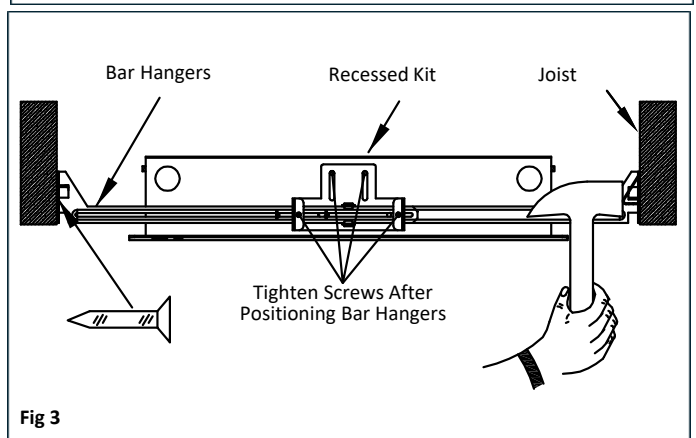
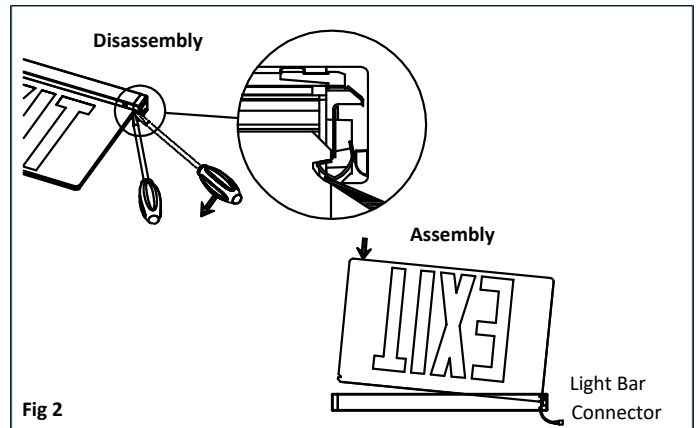
WIRING DIAGRAM



INSTALLATION INSTRUCTIONS

Recessed Ceiling and Wall Mount

1. If needed, disassemble (Double Face) Panel.
Using a flat head screw driver, insert into the gap between the panel and clip. Press the spring to release and remove the panel (Fig 2).
2. Assemble (Single Face) Panel. Make sure the single face panel EXIT letter direction is correct as seen in the Fig 2. First, align panel to the spring-side, then push the other side of the panel into the slot to secure in place.
3. Install recessed kit between joists. Position recessed kit temporarily by hammering "nail-in" tabs on bar hangers, then secure permanently with nails or screws. Bar hangers should be level with bottom of joists. Adjust height of recessed kits using adjusting slots and then tighten all screws on adjusting slots and bar hanger bracket to secure (Fig 3).
4. Separate trim plate from housing.
5. Hang safety cable from the module clip (Fig 4).
6. Route wires into fixture (Fig 4).
7. Make electrical connections (Fig 1). Cap unused wires, push excess into J-Box and cover.
8. Apply AC power, then connect battery connector as shown in wiring diagram (Fig 1) (Not needed for AC-only model).
9. Assemble trim plate back using M3*15mm screws. Connect light bar connector, assemble panel module to trim plate (Fig 5, 6).



OPERATION

Normal Mode - AC power is present.

Emergency Mode - Normal AC power fails. LED lamps will be illuminated for a minimum of 90 minutes via battery or generator backup. When normal AC power is restored, the system returns to Normal Mode and if equipped with battery resumes charging.

TESTING AND MAINTENANCE

(For **AC-only model** testing and maintenance, see note below in parenthesis)

Pressing the external test button simulates an AC power failure and forces the system into Emergency Mode. The LED lamps will illuminate. Testing may also be performed by turning off the corresponding circuit breaker.

Initial Test - Allow the unit to charge for 1 hour, then press the test button to conduct a short test. Allow a 24 hour charge before conducting a 90 minute test.

Monthly Test - Ensure that the test button is illuminated. Conduct a 30 second test by depressing the test button.

Annual Test - Ensure that the test button is illuminated. Conduct a 90 minute test by turning off the corresponding circuit breaker.

(When using an **AC-only model** that relies on a generator or other means to provide emergency power, the same initial, monthly and annual tests must be performed by simulating normal AC power loss to the device being tested. Verify that the emergency power source provides power to the device for the durations of time listed above for each corresponding test.)

Written records of testing shall be kept on file for inspection by the authority having jurisdiction.