

Model: ELSM-RM

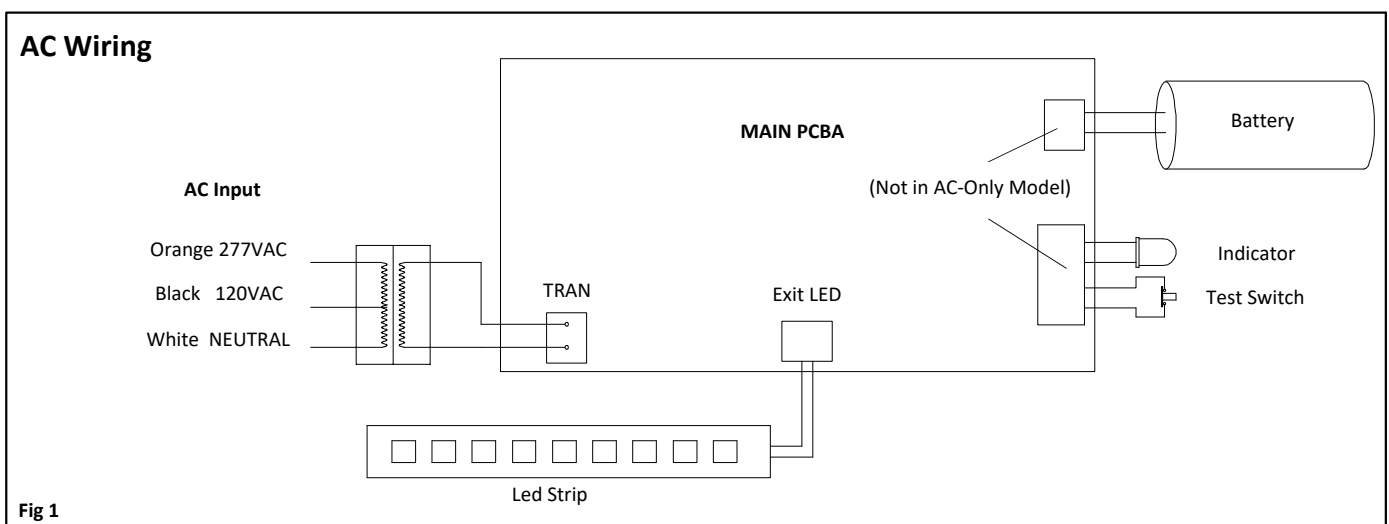
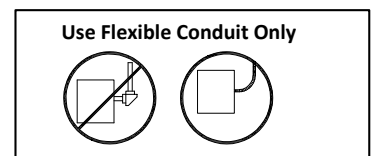


IMPORTANT SAFEGUARDS

**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.
- Listed for damp locations. Do not use outdoors.
- Turn off electrical power and allow the unit to cool off before opening for maintenance or servicing.
- 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.

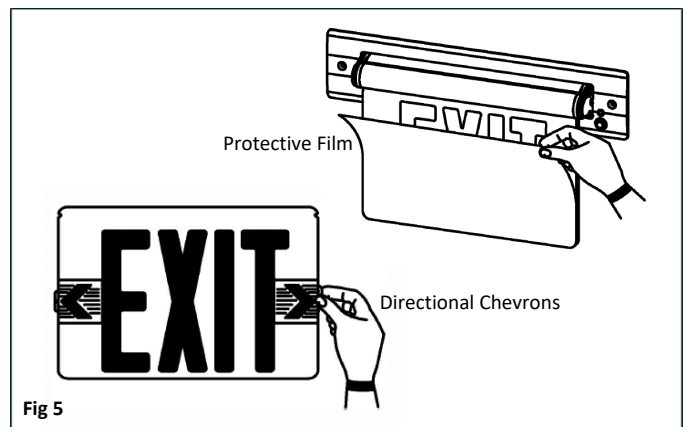
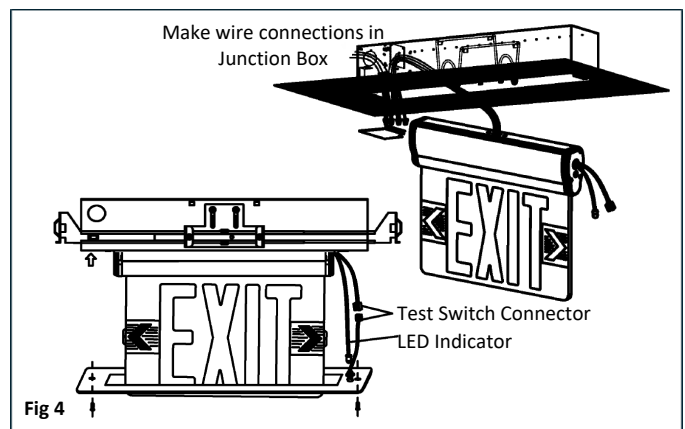
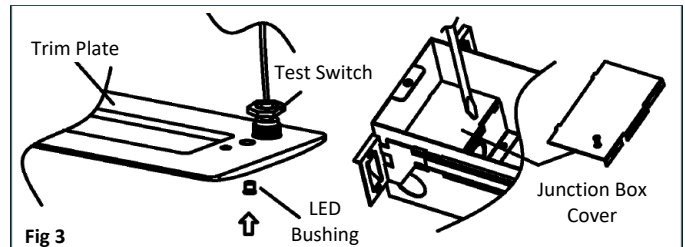
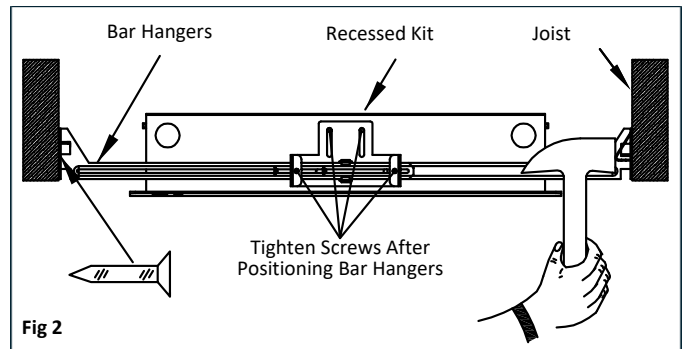
WIRING DIAGRAM



INSTALLATION INSTRUCTIONS

Recessed Ceiling and Wall Mount

1. Separate trim plate from recessed kit by loosening 2 screws.
2. Install recessed kit between joists. Position recessed kits 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 vertically using adjusting slots and then tightening all screws on adjusting slots and bar hanger bracket to secure adjusting bracket and bar hangers (Fig 2).
3. Route wires into recessed kit J-Box (Fig 3, 4).
4. Remove J-Box cover, route wires into Box (Fig 4).
5. Make electrical connections according to wiring diagram (Fig 1). Cap unused wires, push excess wire into J-Box, install J-Box cover.
6. Push edge lit fixture into recessed kit housing.
7. Apply continuous AC power. Connect battery only after continuous AC power is provided to the unit (Fig 1). (Not applicable to AC-only model)
8. Connect test switch, assemble LED indicator into trim plate (Not applicable to AC-only model). Then attach trim plate to recessed kit using 2 screws (Fig 3, 4).
9. Remove protective film and directional chevrons depending on which (if any) are needed (Fig 5).



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.

RECESSED KIT ASSEMBLY INSTRUCTIONS

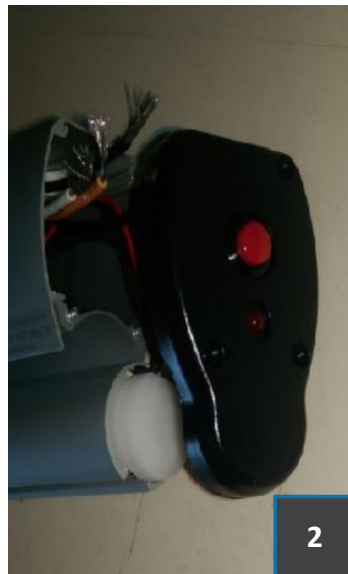
The following steps will guide you on how to convert your edge lit exit sign into a recessed exit sign. These steps apply to the following exit signs:

ELRT-R, ELRTR-R, ELSM-RM, ELRT-G, ELRTR-G, NYCELRT, and NYCELRT-R

(Tools Needed: Phillips Screwdriver)



- 1)
Begin by removing the 3 Phillips screws from the cover. This will give you access to the AC light, test button, and wires.



- 2)
Once all 3 screws are removed, proceed by separating the cover. Make sure not to pull too far as the AC light and test button are still connected to the circuit board.



- 3)
With the cover separated from the housing, proceed with removing the AC light and the test button. The test button can be removed by disconnecting the 2 white connectors and removing the hex-nut.



- 4)
The AC light will come out by gently pushing inward. With the light out, you may remove the AC light holder. Set it aside to be reinstalled later.



- 5)
With the AC light holder off and the test button removed, feed the AC light and the test button connector through their respective holes. Once complete, put the cover back in place and line it up with the housing. Screw the cover back in place.



- 6)
With the cover back in place, you can now proceed with placing the housing inside the recessed kit. The AC light and test button connector should look like the image to the left.



7)
The recessed kit plate has two holes. One for the AC light and one for the test button. Insert the AC light connector to its respective hole and the test button to its respective hole.

8)
On the other side of the plate, you will be able to tighten the hex-nut. Make sure the test button is tightened enough so that it will not move around.



9)
Once the test button and the AC light holder are in place, you may now proceed with connecting the test button and placing the AC light into its holder as seen in the image to the left.



10)
Once the AC light and test button connectors are in place, you may proceed with placing the plate to the recess kit housing. Align the holes from the plate to the recessed kit housing and screw the two Phillips screws back in place.

With everything in place, the recessed kit should look like the image below. Please note that if the angle of the exit sign panel needs to be adjusted, it will need to be adjusted before placing the recess kit plate back on to the recessed kit housing.

