



IMPORTANT SAFEGUARDS READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

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

- **DISCONNECT AC POWER SUPPLY BEFORE SERVICING.**
- Installation and servicing of this equipment should be performed by qualified service personnel only.
- Ensure that the electrical wiring conforms to the National Electrical Code NEC® and local regulations if applicable.
- Do not mount near gas or electrical heaters.
- Do not use outdoors.
- Equipment should be mounted in locations and at heights where it will not be readily subjected to tampering by unauthorized personnel.
- The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
- Any modification or use of non-original components will void the warranty and product liability.
- Do not use this equipment for other than intended use.
- Allow battery to charge for 24 hours before first use.
- For use with metal enclosed wiring systems.

SAVE THESE INSTRUCTIONS!

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Wall Installation (Fig. 2)

1. Open front cover by using blade of screwdriver. (Fig. 1)
2. Knock out center and appropriate mounting screw holes on the back plate.
3. Route the AC supply wires through the center hole inside of the housing.
4. Install fixture on the J-box.
5. Make correct electrical connections inside of the fixture according to the wiring diagram. (Fig. 6)
6. Push excess wire into junction box.
7. Attach battery connector to PC board, assemble front panel back onto the unit.

Fig. 1

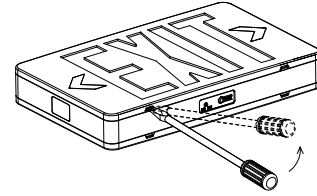
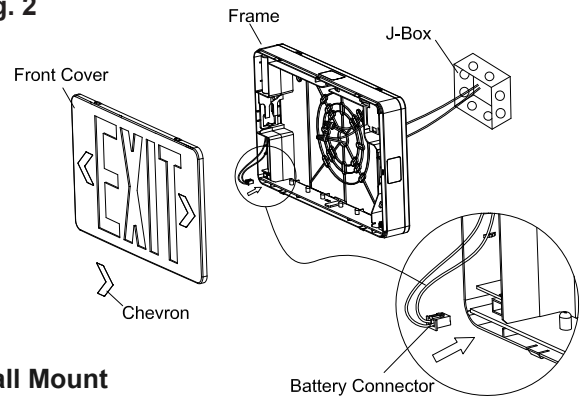


Fig. 2

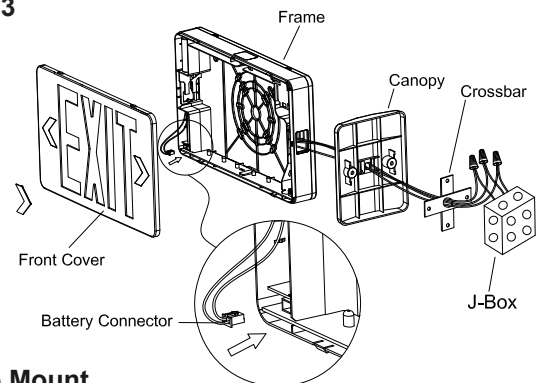


Wall Mount

Side (Fig. 3) or Ceiling (Fig. 4) Installation

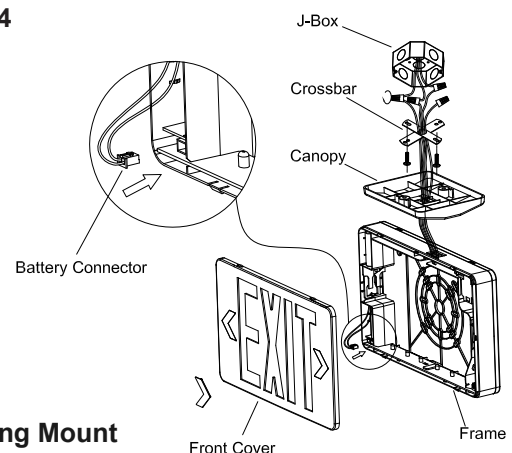
1. Attach crossbar to junction box, set the crossbar so that the longer blade is touching the J-Box.
2. Open front cover using blade of screwdriver. (Fig. 1)
3. If double face is desired, replace back plate with additional face plate provided.
4. Remove the mounting hole cover on the top or side of the unit, assemble the canopy. (Fig. 5)
5. Route the proper wires through the mounting hole out of the housing.
6. Make electrical connections inside the J-Box according to wiring diagram. (Fig. 6)
7. Push excess wire into J-Box, use screws to tighten canopy to crossbar so that the canopy is securely fastened and tight against the wall.
8. Snap chevron to EXIT panel if required.
9. Attach battery connector to PC board, restore front panel on the unit, adjust position of lamp heads as needed.

Fig. 3



Side Mount

Fig. 4



Ceiling Mount

Fig. 5

Canopy Assembly

Put the canopy connector inside of the housing then slide and fixed by plastic clip.

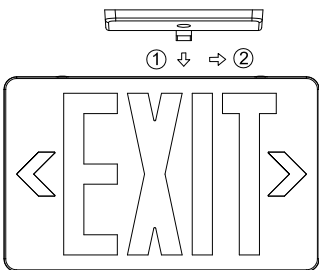
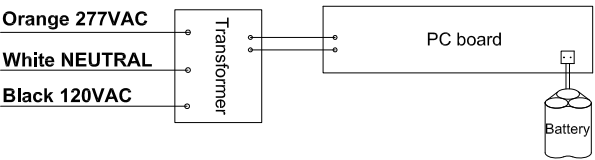


Fig. 6



Connect the white wire to neutral.
If using 120V, connect the black wire to the hot lead.
If using 277V, connect the orange wire to the hot lead.
Cap the unused lead.

Operation

The battery in this unit may not be fully charged. After electricity is connected to the unit for at least 24 hours, then normal operation of this unit should take effect. To check, press the “TEST” button. The EXIT sign should stay illuminated.

In accordance with NFPA 101, your emergency lighting system must be tested monthly for a minimum of 30 seconds and annually for 90 minutes. Refer to your local codes for any additional requirements that may apply.

Testing and Reporting Instructions (-G2 and -G3 models)

1. Dual color LED lamp indicator shows the following status:

- Green color: On / Ready
 blinking: Testing
- Red color: (Service Alert)
- Service Alert LED Code (Red color LED lamp indicator)

●	One blink, 4 second pause	Battery is not connected
● ●	Two blinks, 4 second pause	Battery voltage too low
● ● ●	Three blinks, 4 second pause	Charger board circuit failure
● ● ● ●	Four blinks, 4 second pause	Transfer function failure
● ● ● ● ● ● ●	Seven blinks, 4 second pause	LED strip failure

Note: After solving the fault of emergency equipment, please press test button for 2 seconds then release to reset. LED indicator will show green.

2. “-G2” and “-G3” models also have a manual test function, press test button as follows:

Press test button once	30 seconds discharge test
Press test button twice within 2 seconds	3 minutes discharge test
Press test button 3 times within 2 seconds	30 minutes discharge test
Press test button 4 times within 2 seconds	90 minutes discharge test

Networking Operations for “-G3” Models

Model with "-G3" suffix is our world winning design equipped with "wireless testing and reporting" features. Unit that has "-G3" suffix in its model number is capable of joining **Guardian** emergency lighting management system. It will be part of a large testing system to be tested and report result wirelessly.

Once powered up and commissioning allowed, unit will automatically join **Guardian** network and get provisioned. Upon the completion of the commissioning, unit will perform testing and report based on set schedules.

For more information about commissioning, configurations and testing, please visit website, <https://www.barronltg.com> for details.

If you have problem to initiate provisioning or if you know the unit belongs to other **Guardian** network. Please follow the instructions below to reset the fixture and make it in a factory state:

- Press and hold the test button for over 8 seconds, and the fixture will leave the network and reset itself.