EXITRONIX®
BARRON
emergency lighting

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.
- Do not let power cords touch hot surfaces.
- 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.
- Use caution when servicing batteries.

SAVE THESE INSTRUCTIONS!

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Ceiling or End Mount

1. Remove the faceplate and set aside.

2. Remove the desired knockout located on the top or sides of the enclosure.

3. Route wires out through the opening in the enclosure and through the canopy.

4. Snap the canopy onto the fixture.

5. Secure the J-box bracket to the J-box.

6. Make electrical connections; see **Electrical Connections** section.

7. Secure the canopy to the J-box bracket.

8. Connect the battery to the PCB.

9. For a double face fixture, remove the backplate and replace with the additional EXIT faceplate.

10. Remove the chevron(s) from the faceplate(s), if desired.

11. Replace the faceplate onto the enclosure.

Wall Mount (Single Face Only)

1. Remove the faceplate and set aside.

2. Punch out from the backplate the center knockout and any desired knockouts for mounting to the J-box.

3. Route wires out through the center hole of the backplate.

4. Make electrical connections; see **Electrical Connections** section.

5. Secure the fixture to the J-box.

6. Connect the battery to the PCB.

7. Remove the chevron(s) from the faceplate, if desired.

8. Replace the faceplate onto the enclosure.

VEX-R Series
Installation Instructions

Electrical Connections
All electrical connections should be made inside the J-box. Make electrical connections as follows:

120VAC
White - Common
Black - 120VAC

277VAC
White - Common
Red or Orange - 277VAC
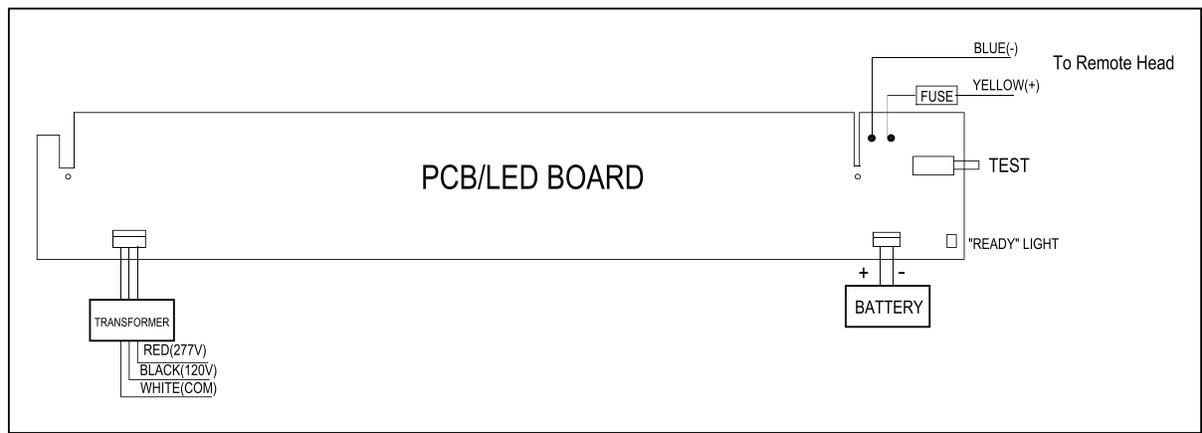
Remote Lamp Connection (Available on All Models)
All electrical connections should be made inside the J-box. Connect the extended remote lamp wires to the remote wires using wire nuts. Yellow is positive (+) and blue is negative (–).

Caution: DO NOT connect yellow and blue remote leads together.

Note: Cap unused leads to prevent shorting.
Keep all wires out of the way of the EXIT faceplate(s) to prevent shadowing.
A 4.0 Amp, 125/250 Volt inline fuse is present on the yellow remote lead. In case of failure, replace the fuse with BUSSMAN model # GMA-4-R or equivalent.

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VEX-R Series
Installation Instructions

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Self-Test/Self-Diagnostics (G2)
Operation
The purpose of this option is to provide Self-testing and Self-diagnostic capabilities to the emergency unit. At predetermined intervals, the emergency unit will automatically switch into battery mode. Refer to the **Self-Test Feature** section below for timing details. The emergency unit will also perform various Self-diagnostic tests to determine if there are any faults. Visual signaling will alert maintenance personnel to a fault of the emergency unit electronics, battery, and/or battery charger. The circuitry continuously monitors the operating condition of the emergency unit and battery charging circuit/battery supply voltage. Refer to the **LED Indicator** section below for fault reporting details.

Self-Test Feature
- The emergency unit will automatically switch to battery mode every 30 days for a period of 30 seconds.
- The emergency unit will automatically switch to battery mode every 180 days for a period of 30 minutes.
- The emergency unit will automatically switch to battery mode every 365 days for a period of 90 minutes.

LED Indicator
Once the unit is properly installed according to the installation instruction sheet and AC power is supplied, the unit will turn on and the Self-diagnostic test function will initiate. After this, the bi-color LED will indicate the status of the unit.

- A steady green LED indicates that normal AC power is being supplied to the emergency unit and the battery is charged.
- A blinking green LED indicates that the unit is in battery mode. Refer to the **Test Button Feature** section below for manual test details.
- A blinking red/green LED indicates that the battery is charging.
- A red LED indicates whenever the Self-diagnostic system has detected a fault condition. Refer to the chart below to determine the fault condition:

Red LED Indication	Unit Fault	Corrective Action
Steady	Battery is Disconnected	Check Battery Connection
Blinking 1 Time	Battery Recharge Failure	Check Battery Then Consult Factory
Blinking 2 Times	Battery Failure	Check Battery Then Consult Factory
Blinking 3 Times	LED Failure	Check Battery Then Consult Factory
Blinking 4 Times	Lamp Failure	Check Battery Then Consult Factory
Blinking 5 Times	Remote Lamp Failure	Check Battery Then Consult Factory

Test Button Feature
MANUAL TEST – Pressing the test button will switch the unit into battery mode for a set amount of time. The desired length of the test is determined by the number of times the test button is pressed.
- Pressing the test button once will switch the unit into battery mode for a period of 30 seconds. The LED indicator will continuously blink green 1 time.
- Pressing the test button 2 times within 2 seconds will switch the unit into battery mode for a period of 30 minutes. The LED indicator will continuously blink green 2 times.
- Pressing the test button 3 times within 2 seconds will switch the unit into battery mode for a period of 90 minutes. The LED indicator will continuously blink green 3 times.

RESET – Pressing and holding the test button for 3-5 seconds will cancel a test. Pressing and holding the test button for 6 seconds will reset the LED to a steady green. If multiple faults are present, it may be necessary to repeat this procedure for each remaining fault indicated by the blinking red LED.

Use in accordance with local building codes.

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