

# INSTALLATION INSTRUCTIONS

## PT-EXL SERIES

(PT-EXL-2-RED)

**PORTOR**  
LIGHTING  
a PORTOR INDUSTRY brand



### READ THESE INSTRUCTIONS COMPLETELY AND CAREFULLY

**WARNING:** FAILURE TO FOLLOW THESE INSTRUCTIONS AND WARNINGS MAY RESULT IN DEATH, SERIOUS INJURY OR SIGNIFICANT PROPERTY DAMAGE. FOR YOUR PROTECTION, READ AND FOLLOW THESE WARNINGS AND INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR MAINTAINING THIS EQUIPMENT. THESE INSTRUCTIONS DO NOT ATTEMPT TO COVER ALL INSTALLATION AND MAINTENANCE SITUATIONS. IF YOU DO NOT UNDERSTAND THESE INSTRUCTIONS OR ADDITIONAL INFORMATION IS REQUIRED, CONTACT THE MANUFACTURER.

**IMPORTANT SAFEGUARDS: WHEN USING ELECTRICAL EQUIPMENT, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:**

- Do not use outdoors.
- Equipment should be mounted in locations and at heights where it will not be subject to tampering by unauthorized personnel.
- Do not mount near gas or electric heaters.
- Cap unused wires with enclosed wire nuts or other approved method.
- Do not use this equipment for other than its intended use.
- The use of accessory equipment not recommended by the manufacturer will void warranty and may cause an unsafe condition.
- Before wiring to power supply, turn off electricity at fuse or circuit breaker.
- Use caution when servicing batteries.
- Installation and servicing should be performed by qualified personnel.
- Consult local building code for approved wiring and installation.
- Make sure wire terminations are secure and leads are properly tucked in appropriate wire channels.

### WARNING RISK OF ELECTRIC SHOCK

NEVER CONNECT TO, DISCONNECT FROM, OR SERVICE WHILE EQUIPMENT IS ENERGIZED.

### IMPORTANT

When re-lamping, only use lamps specified in the exit sign. Using other lamp types may result in transformer damage or unsafe conditions. Battery in this unit may not be fully charged. After electricity is hooked up to unit, let the battery charge for at least 24 hours. Normal operation of this unit should then take effect (when applicable).

### WARNING RISK OF FIRE

Lamps are hot. Keep combustible material away from hot parts. Observe lamp manufacture's warnings, recommendations and restrictions on lamp operation and maintenance. Make sure lamps are correctly installed.

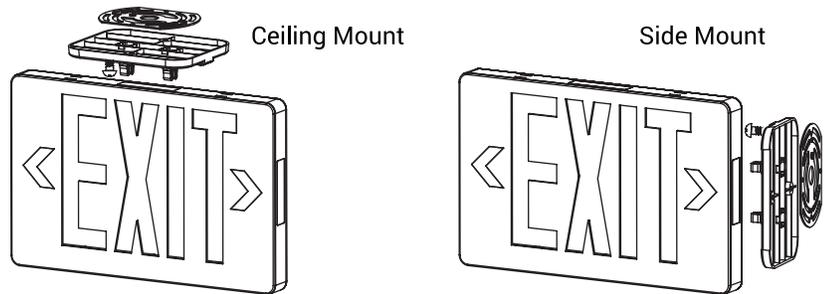
## INSTALLATION (ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!)

### CEILING AND SIDE MOUNT INSTALLATION:

1. Connect input as shown in wiring diagram below and fasten canopy to the J-Box bracket.
2. Snap housing to canopy.
3. Connect the battery (when applicable) to the PC Board.
4. Secure faceplate to housing and remove the proper arrow as required.

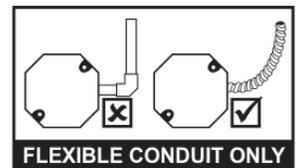
### NOTE:

- Properly insulate the unused lead with a wire nut or other approved means.
- Connect to a single source of power supply so that all lamps are simultaneously illuminated.
- Unused wires must be capped using enclosed wire nuts.



### OPERATION (BATTERY BACKUP):

1. Apply AC power to the unit. The LED Indicator should turn RED.
2. After the battery has been left to charge for 24 hours, test the unit by pushing the switch. The LED indicator turns OFF and the LED board stays ON.
3. When the switch is released, the LEDs turn OFF and the LED indicator turns back to RED.



## MAINTENANCE

### CAUTION

CAUTION: ALWAYS TURN OFF AC POWER TO THE EQUIPMENT BEFORE SERVICING. SERVICING SHOULD BE PERFORMED ONLY BY A QUALIFIED SERVICE TECHNICIAN. USE ONLY MANUFACTURER SUPPLIED REPLACEMENT PARTS.

### BATTERY

THE BATTERY SUPPLIED WITH THE BATTERY BACKUP MODEL REQUIRES NO MAINTENANCE. HOWEVER, IT SHOULD BE TESTED PERIODICALLY (SEE TESTING) AND REPLACED WHEN IT NO LONGER OPERATES THE CONNECTED FIXTURES FOR THE DURATION OF A 30-SECOND OR 90-MINUTE TEST. THE BATTERY SUPPLIED IN THIS EQUIPMENT HAS A LIFE EXPECTANCY OF 5 YEARS WHEN USED IN A NORMAL AMBIENT TEMPERATURE OF 72°F.

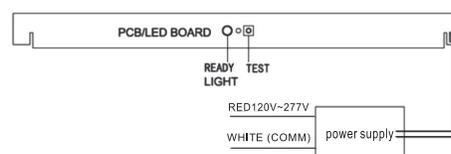
### TESTING

NATIONAL ELECTRIC CODE (NEC) AND NFPA LIFE SAFETY CODE REGULATIONS REQUIRE THAT ROUTINE TESTS NEED TO BE PERFORMED AS LISTED BELOW:

ONCE EVERY MONTH, THE UNIT NEEDS TO BE TESTED FOR DURATION OF 30 SECONDS. PUSH IN AND HOLD THE TEST SWITCH TO PERFORM THIS TEST. ONCE EVERY 12 MONTHS, A FULL 90 MINUTE (PER UL REQUIREMENTS) TEST NEEDS TO BE PERFORMED ON THE UNIT. DISCONNECT POWER TO THE UNIT AND LEAVE IT IN THE EMERGENCY MODE. THE LEDS SHOULD STAY ON FOR AT LEAST 90 MINUTES.

## WIRING DIAGRAM

### AC ON LY



### BATTERY BACKUP

