

# P Series – Maintenance free Emergency Lighting Unit

## IMPORTANT SAFEGUARDS

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

## READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Do not mount near gas or electric heaters.
4. Use caution when handling batteries. Avoid possible shorting.
5. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Caution: If optional Halogen cycle lamp(s), symbol (H—), are used in this equipment, to avoid shattering: do not operate lamp in excess of rated voltage, protect lamp against abrasion and scratches and against liquids when lamp is operating, dispose of lamp with care.
8. Halogen cycle lamps operate at high temperatures. Do not store or place flammable materials near lamp.
9. Do not use this equipment for other than intended use.
10. All servicing should be performed by qualified service personnel.

## SAVE THESE INSTRUCTIONS

### Installation instructions

1. Mount unit securely, using either key holes or junction box holes.
2. Connect AC supply (24 Hr circuit) 120V 60Hz, to black and white leads or 277V 60Hz, to orange and white leads. Connect ground wire lead. CAP UNUSED WIRE.
3. Remote heads can be connected to lamp output terminals marked (L+, L-).
4. Plug battery connector into printed circuit board immediately before AC supply is applied to unit.

### Operation

1. LED's will illuminate and unit will go on to high charge. Voltmeter (if provided) will indicate battery voltage. Fully charged unit switches automatically to trickle charge and high charge LED will pulsate on and off.
2. To test unit hold test switch down. Lamp heads will go on and LED's will go off.
3. Release test switch and lamp heads will turn off and LED's will go on.
4. Automatic charger will return battery to a full charge state.
5. This unit is equipped with a low end cut-off circuit which prevents over discharge of the battery.

### Maintenance

Under normal operating conditions, this unit requires NO MAINTENANCE. Inspection and testing should be performed periodically. Replace the battery whenever the connected lamps will not light up for 90 minutes, clean lenses and replace lamps as required.

### Testing

The unit should be tested in accordance with The Life Safety Code. At 30 day intervals for a minimum of 30 seconds, a functional test shall be conducted. An annual test shall be conducted for 1 1/2 hour duration. Equipment shall be fully operational for the duration of the test. Written records of testing shall be kept by the owner for inspection by the authority having jurisdiction.