

## Introduction

Once the unit is properly installed according to the installation instruction sheet and AC power supplied it will come ON. The dual color LED indicator will also come ON and the self-diagnostic test function will automatically initiate. The LED indicator points out the current unit status. A STEADY GREEN on the LED indicates a normal service; BLINKING GREEN indicates that the unit is in testing mode; GREEN/RED FLASHING indicates that the battery is charging; RED (in different combinations) indicates a fault or a service alert. Refer to the section 3-Fault Indication for more detail. The indicator is OFF when the unit is in emergency mode.

## Self-Diagnostic Service

The self-diagnostic function is factory preset without any allowable field adjustment. The automatic self-diagnostic feature serves the following tests:

- On-line real time monitoring of battery and lamps (both local and remote) :indicates battery charging, disconnection and failure along with local and remote lamp failures.
- Self-testing and a 15-minute discharge once every 30 days, after AC power has been supplied for a minimum of 24hrs.
- Self-testing and a 90-minute discharge once every year, after AC power has been supplied for a minimum of 24hrs.

## Fault Indication

| Fault Description                           | LED IN                 |
|---|------------------------|
| Battery Disconnection                       | STEADY Red             |
| Battery Recharge Failure                    | FLASHING Red           |
| Battery Failure                             | Red BLINKING '2' TIMES |
| LED Failure (Exits Only)                    | Red BLINKING '3' TIMES |
| Remote Lamp Failure (Emergency Lights Only) | Red BLINKING '4' TIMES |

## Manual Testing

The unit also provides for manual testing by pushing the test button in a specific pattern. The different patterns and the resulting tests are listed in the table below.

| Action  | Reaction & LED Indication                  |
|---|--|
| Push test button Once (within 2 seconds)        | 30-second test: FLASHING Green             |
| Push test button Twice (within 2 seconds)       | 15-minute test: Green BLINKING twice       |
| Push test button Three times (within 2 seconds) | 90-minute test: Green Blinking three times |

### WARNING:

- Make Sure that power is OFF before making any Electrical Connections.
- Unused wires must be capped using enclosed wire nuts.