

## INSTRUCTIONS

### INSTRUCTIONS FOR AUTOTEST:

Once the unit is properly installed according to the installation instruction sheet and AC power supplied, the dual color LED indicator will come ON and the Autotest function will automatically initiate. The LED indicates the unit's status. A STEADY GREEN LED indicates normal service; FLASHING GREEN indicates the unit is testing; GREEN/RED FLASHING indicates the battery is charging; RED (in different combinations) would indicate a service alert. Refer to the Service Indication chart below for more details. The LED would be OFF with the unit is in emergency mode.

### AUTOTEST SERVICE

The Autotest function is factory preset and performs the following:

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

### SERVICE INDICATION

LED Indicator	Status
Steady Red	Battery Disconnection
Flashing Red	Battery Recharge Failure
Red blinking 2 times	Battery Failure
Red blinking 3 times	LED Failure (Exits only)
Red blinking 4 times	Local Lamp Failure (EM lights only)
Red blinking 5 times	Local Lamp Failure (EM lights only)

\*Some applications for emergency lights might not require the remote lamps to be used. In such cases, the LED indicator would be constantly BLINKING Red '5' times indicating a fault. In order to bypass the remote lamps, the PCB must be carefully pulled out from the unit and the purple wire (protruding from the board) should be plugged into the slot Re - L1 on the board. The purple wire, already plugged into the slot, must be pulled out. Contact factory for further assistance.

### MANUAL TESTING

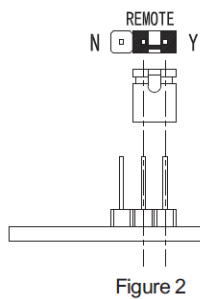
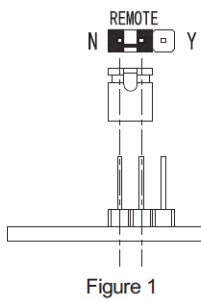
The unit also provides for manual testing by pushing the test button in a specific pattern.

Action	Reaction & LED Indication
Press test button once (within 2 seconds)	30-second test: FLASHING GREEN
Press test button twice (within 2 seconds)	1-minute test: GREEN FLASHING TWICE
Press test button 3 times (within 2 seconds)	90-minute test: GREEN FLASHING THREE TIMES

## INSTRUCTIONS

### OPERATION

1. During an electrical power failure, the lamps on the unit will automatically come ON for a minimum of 90 minutes.
2. To test this unit, let it charge correctly with AC power supply for a minimum of 24 hours after its first installation and then depress the "TEST" switch, the emergency lamps will illuminate. When the switch is released, the lamps will turn OFF.
3. For the unit with Self-Diagnostic, must connect as below:
  - a. When customer doesn't need remote lamp, please insert terminal to N. (See Figure 1 below)
  - b. When customer needs remote lamp, please insert terminal to Y. (See figure 2 below)



### WARNING:

- a) Make sure that power is OFF before making any electrical connections.
- b) Unused wires must be capped using enclosed wire nuts.