



## IMPORTANT SAFEGUARDS

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

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Disconnect power at fuse or circuit breaker before installing or servicing.
2. Do not mount in hazardous locations, or near gas or electric heaters.
3. Do not let power cords touch hot surface.
4. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
5. The use of accessory equipment not recommend by the manufacturer may cause an unsafe condition.
6. Do not use this equipment for other than intended use.
7. All servicing should be performed by a qualified personnel only.
8. Allow battery to charge for 24 hours before first use.

- SEE UNIT LABEL FOR ADDITIONAL MODEL SPECIFICATIONS
- SAVE THESE INSTRUCTIONS FOR USE BY OWNER/OCCUPANT

**NOTE:** Allow battery to charge for 24 hours before first use.

## INSTALLATION

### MAINTENANCE

Replace batteries if unit indicates a two-blink red fault code. Test according to local code

### OPERATION

Once connected, the unit should show a green LED. Press the test button and the LED's will illuminate. Release the test button and the LED's will turn off, and the test button will return to green

### TROUBLE SHOOTING GUIDE

If LED's or LED indicator does not illuminate, check the following;

1. Check AC supply wiring.
2. Check to ensure battery is properly connected.
3. Ensure unit is allowed to charge for 24 hours for proper emergency operation.
4. If none of these correct the problem, contact Tech. Support for assistance.

### LUMINAIRE ON/OFF CONTROL

There are 2 modes for on/off control within the unit;

1. Standard control by use of a photo-sensor under the following conditions;
  - ambient light level <10x, unit will come on automatically
  - ambient light level >30LX, unit will turn off

This mode can be disabled for wall switch control by removing the jumper between terminal 1 and 2 (see Fig. 4)

2. Photo-sensor and Passive Infra-red(PIR)/ motion detect mode.

-ambient light level <10LX, or motion is detected, unit will come on for 2 minutes automatically

When AC power is lost, the unit will come on for 90 minutes of emergency operation.

The PIR/motion detector operation cannot be overridden.

Open fixture



Fig 1

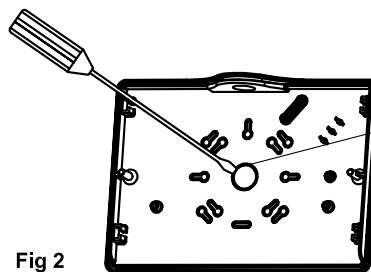


Fig 2

Black 120-277V/AC  
White NEUTRAL  
Green Ground

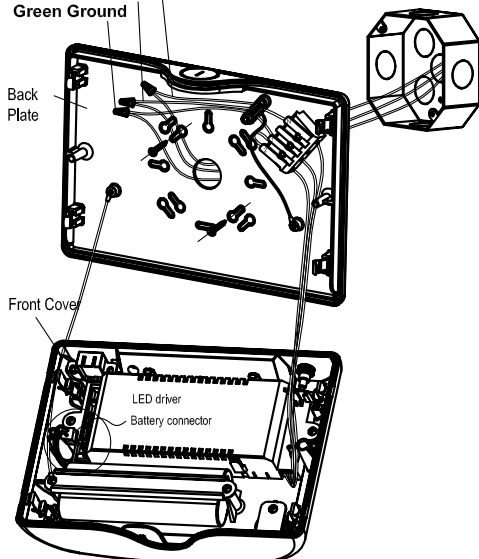


Fig 3

## Wall Mount-Back Power Feed (see Fig 2)

1. Use flat blade screwdriver in slots on each side of unit to pry front assy. from back-plate.(see Fig. 1)
2. Remove appropriate knockout on backplate for mounting along with center hole for wiring access.
3. Feed building wires through the center hole, secure back-plate to J-Box with screws provided.
4. Connect the unit wires to building power supply wires using the wire-nuts provided. White wire to Neutral, black wire to Hot lead(120-277V), and green to house ground. Feed the connected wires and wire-nuts back into j-box through back-plate(see Fig. 3).
5. Locate battery connector and plug into the PCB connector labeled Battery.
6. If the unit has a heater, reference the Heater Pad Connection Instruction sheet.
7. Locate the front assy. over the back-plate and snap the housing onto the back-plate.
8. Restore AC power and press the test button, LEDs should illuminate.

## Conduit Mounting

1. Remove NPT 1/2" pipe plug from top of unit.
2. Open unit, secure unit on conduit and feed wire into unit.
3. Reference 4-7 step for wall mounting instruction.

## Wiring Connector

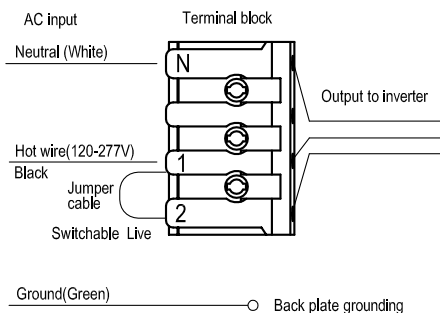


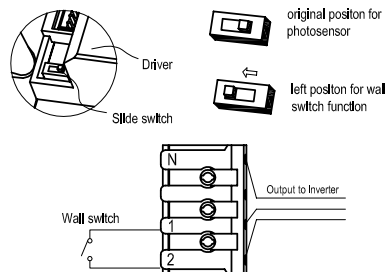
Fig 3

## WALL SWITCH CONTROL IN AC MODE

If the unit is supplied with a photo-sensor, the slide switch will be set for photosensor control from the factory.

For wall switch operation;

1. Remove the jumper between terminals #1 and #2, and connect the switched HOT lead to #2.
2. Slide the switch to the the opposite side for switch control.
3. If the unit includes a PIR motion detector, the unit will not have the slide switch.



### RECYCLING INFORMATION

All steel, aluminum and thermoplastic parts are recyclable.  
All cartons contain recycled materials.  
Please recycle responsibly.

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