



# ML100THB 100 WATT POWER PACK

READ INSTRUCTIONS BEFORE USING THIS PRODUCT  
**SAVE THESE INSTRUCTIONS**

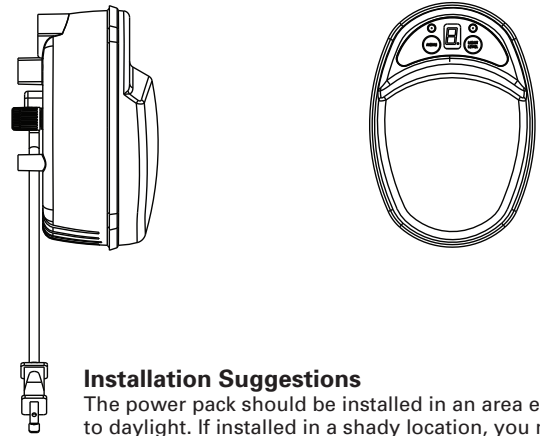
OUTPUT TECHNICAL SPECIFICATIONS: 12V AC ~ 100 W

## **⚠ WARNING** Risk of Fire or Electrical Shock

- Power pack must be installed outdoors.
- Mount power pack vertically at least 12 inches (30 cm) above ground. Do not lay on the ground.
- Plug power pack directly into an outdoor GFCI outlet with a weatherproof cover marked "wet location."
- Do not use extension cords.
- NOT SUITABLE for use with submersible luminaires and pumps.
- Mount power pack at least 10 feet (3.5 m) from pool or spa.
- Use 18 AWG MINIMUM low voltage outdoor cable.
- Do not coil extra cable around the power pack. Leave extra cable at the end away from the power pack.
- Do not repair or tamper with cord or plug.
- Do not submerge power pack.
- Do not connect two or more power packs in parallel.
- Do not use with a dimmer.
- If house circuit breaker trips when power pack is turned on, unplug power pack from AC outlet, correct fault, restore power, then reset circuit breaker.
- Power pack and fixtures must be installed in compliance with national and all local electrical codes and ordinances. If necessary to splice cable, carefully follow instructions that came with the connector you have purchased.

### LED fixtures

- Do not use with fixtures that carry a Class 2 rating.
- Do not modify fixtures.
- Must follow all of manufactures individual instructions.



### Installation Suggestions

The power pack should be installed in an area exposed to daylight. If installed in a shady location, you may need to adjust the light sensitivity for best results.

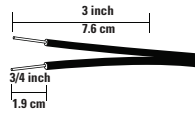
The power pack should not be installed in the path of floodlights or other direct light sources. This may interfere with the function of the photo control.

## **⚠ WARNING** Risk of Fire or Electrical Shock

- Use only CSA or UL approved low-voltage cable.
- Failure to use at least 18 gauge cable or install it as directed in these instructions may result in Risk of Fire or Electric Shock.

### 1. Prepare Cable

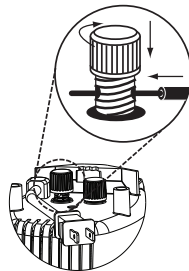
Split one end of the cable approximately 3 inches (7.6 cm). Be careful NOT to expose the copper wire when splitting. Then strip 3/4 inch (1.9 cm) of insulation from both parts of the split end.



### 2. Connect Cable to Power Pack

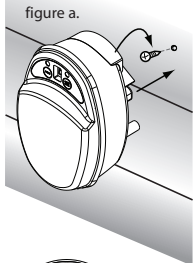
#### Toolless cable connections

Insert 3/4 inch (1.9 cm) stripped cable through hole in screw connectors on back of power pack. Securely finger tighten screw caps. **Do not use hand tools to tighten.**



### 3. Power Pack Installation

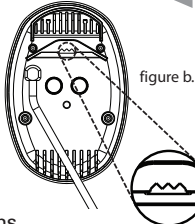
Mount power pack to wall surface using a single screw as shown in figure a. (a minimum 12 inches (30 cm) off the ground). Use hanger on back side as shown in figure b.



### 4. Place Fixtures and Route Cable

Place fixtures in desired location. Route the low voltage cable to fixtures. If there is extra cable, coil after the last fixture. Be sure to leave a minimum of 10 feet (3.5 m) of wire between the power pack and first fixture. Do not hide or bury cable at this time.

If ground is hard, loosen the ground. Carefully press the fixture into the ground.



### 5. Attach Fixtures

Turn power pack on. Attach the fixtures to the cable following the manufacturer's instructions included with the fixtures. The fixture will turn on when the connection is completed per the manufacturer's instructions.

### 6. Hide Cable

Once all fixtures are in place and you are satisfied with their locations, cable may be protected by covering or burying up to 3 inches (7.6 cm) deep. Leave about 12 inches (30 cm) of cable after the last fixture.

Add up all bulb wattages to a maximum of 100 watts.

### Power Pack Operation

#### MODE

Select the mode button to cycle through the following time settings.



Power Pack Off



Press the mode button once to turn unit ON all the time.



2nd thru 10th press of mode indicates number of hours unit stays ON after sundown (from 1-9 hours). Keep pressing mode until the desired hour appears.



11th press of mode "d" appears, indicating ON at dusk OFF at dawn.

Press mode to repeat the sequence.

#### LIGHT LEVEL

This power pack features adjustable light sensitivity controls to compensate for ambient light levels near the power pack. The settings range from 0 (most sensitive) to 9 (least sensitive). To adjust the light sensitivity, press the LIGHT LEVEL button to cycle through the settings (0-9) until the desired level is reached. As darkness falls, observe when the lights turn on. If further adjustment is necessary, select a higher or lower light level and observe the lights again the following evening. This power pack features a 3 minute timed delay which prevents the device from cycling ON and OFF due to sudden changes in ambient light, such as vehicle headlights or lightning.



**Note:** to set power pack to default settings press mode and light level buttons at the same time, this will set mode to "f" and light level to "5".

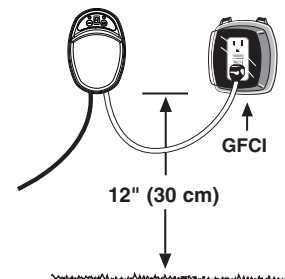
For Warranty Claims or Customer Service Inquiries please visit our website at [www.intermatic.com](http://www.intermatic.com) or to speak with a Customer Service Representative call **815-675-7000**.

Customer Service hours are Monday-Friday 8:00-4:30 pm CST.

For Customer Service in Canada, please call **1-866-893-1467**

**IMPORTANT:** Please have product model number available when inquiring.

**YOU MUST KEEP YOUR RECEIPT FOR PROOF OF PURCHASE.**



## LIMITED 5 YEAR WARRANTY

If within the warranty period specified, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

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This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) completing a warranty claim on line at [www.intermatic.com](http://www.intermatic.com). This warranty is made by: Intermatic Incorporated Customer Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com>

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