



ML200RTW 200Watt POWER PACK

READ INSTRUCTIONS BEFORE USING THIS PRODUCT
SAVE THESE INSTRUCTIONS

OUTPUT TECHNICAL SPECIFICATIONS: 12V AC ~ 200W

! WARNING Risk of Fire or Electrical Shock

- Power pack SUITABLE FOR USE with submersible luminaires and pumps.
- Install **OUTDOORS ONLY**. Use **ONLY** with 12 volt low voltage outdoor landscape lighting products.
- Add up all bulb wattages for a maximum total of 200 watts.
- Mount power pack at least 10 feet (3 m) from pool or spa.
- 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.
- Do not use in dwelling units.
- When connecting wire at terminals, do not allow insulation to get under the clamping plate, and firmly tighten the terminal screws.
- Do not mix solid or stranded type wires under one screw.
- Use 14 AWG MINIMUM low voltage outdoor cable.
- Keep a minimum of 10 feet (3 m) of wire between the power pack and the first fixture.
- 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, and restore power. Plug power pack back into AC outlet.
- 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

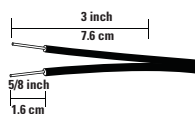
- Do not use with fixtures that carry a Class 2 rating.
- Do not modify fixtures.
- Must follow all of manufacturers individual instructions.

! WARNING Risk of Fire or Electrical Shock

- Use only CSA or UL approved low-voltage cable.
- Failure to use at least 14 gauge cable or install it as directed in these instructions may result in Risk of Fire or Electric Shock.

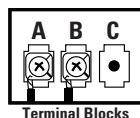
1. Prepare Cable

Split one end of the cable approximately 3 inches (7.6 cm). Be careful NOT to expose the copper wire when splitting. Then strip 5/8 inch (1.6 cm) of insulation from both parts of the split end.



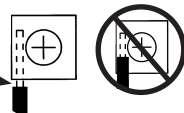
2. Connect Cable to Power Pack

Lay power pack on a flat, stable surface and insert the stripped end of one wire under terminal clamping plate A. Then tighten the screw. Repeat this procedure for clamping plate B. NOTE: The C terminal is only used to connect an optional photo control.



! WARNING Risk of Fire

Make sure there is no wire insulation under the clamping plate, and firmly tighten the terminal screws.



3. Place Fixtures and Route Cable

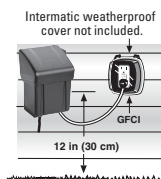
See the instructions included with your fixtures for specific installation and spacing recommendations. Lay the fixtures out where you want to locate them. Route the low voltage cable to fixtures. Leave at least 6 inches (15.2 cm) of cable after the last fixture. Be sure the total lamp wattages to be connected to the cable does not exceed 200 watts. If there is extra cable, coil after the last fixture.

! WARNING Risk of Fire

Be sure to leave a minimum of 10 feet (3 m) of wire between the power pack and first fixture.

4. Attach Fixtures

Turn on the power pack by twisting the manual ON/OFF knob **counter** clockwise to the ON position. Attach the fixtures to the cable following the manufacturer's instructions. Once the connector makes contact, the fixture should light up.

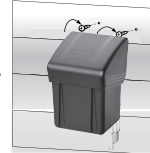


NOTE: When power pack is on, you may hear a hum. This sound is considered normal, and does not affect the performance of the unit.

5. Mount Power Pack

To mount directly to a wall surface use screws as shown, a minimum 12 inches (30 cm) off the ground. Hang Power Pack onto screws.

Power Pack Wall Mount Instructions



6. Hide Cable

Once all fixtures are in place and you are satisfied with their locations, cable may be covered with mulch or buried up to 6 in (15 cm) deep.

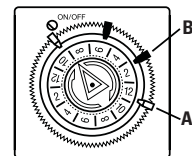
! WARNING Risk of Fire

Do not coil cable around power pack. Total bulb wattages must not exceed a maximum of 200 watts.

7. Set Timer ON / OFF Times

Set ON and OFF times by setting tripper locations:

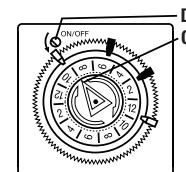
- Insert a **red ON** tripper (A) at the time you want the lights to turn on.
- Insert a **black OFF** tripper (B) at the time you want the lights to turn off.
- Use a second set of red and black trippers if you want another ON/OFF cycle.



8. Set Time of Day

Set time of day on the timer as follows:

- Make sure the Power Pack is plugged in and turned ON.
- Turn the dial clockwise to the present time of day as shown by the arrow (C).
- Turn the dial one or more complete revolutions then return to the present time of day.



The lights will now turn ON and OFF at the times you have set. You can manually operate the lights by turning the Manual ON/OFF Switch counter clockwise (D).

FCC

This device complies with Part 18 of the FCC Rules.

Suggestions to Solve Problems Quickly

- Make sure power pack is plugged in. Is outlet working?
- Turn manual ON/OFF switch to "ON" or rotate dial so "ON" tripper passes time line indicator.
- Is lamp burned out? Use another lamp to test.

NOTE: This lighting system is designed to last many years under normal conditions. However, lamps eventually burn out and operating with one lamp out can shorten the life of the others. IT IS IMPORTANT TO REPLACE BURNED OUT LAMPS PROMPTLY.

Conditions beyond your control such as abnormally high household voltage due to poor utility voltage regulation will also affect lamp life.

For Warranty Claims or Customer Service Inquiries please visit our website at 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. 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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