Hampton Bay 4336509073

Hampton Bay 4336509073 Low-Voltage 120-Watt Landscape Transformer

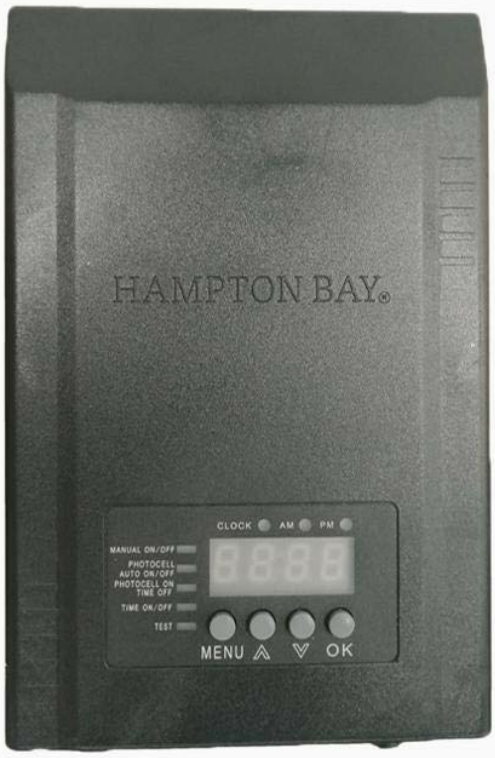
Instruction Manual

Introduction

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Hampton Bay 4336509073 Low-Voltage 120-Watt Landscape Transformer. Please read all instructions carefully before beginning installation and retain this manual for future reference.

Safety Information

- **WARNING:** Risk of electric shock. Install the transformer at least 1 foot (0.3 meters) from a pool, spa, or fountain.
- Do not immerse the transformer in water. Ensure it is installed in a location where it will not be submerged.
- Always disconnect power at the circuit breaker before servicing or installing the transformer.
- This transformer is intended for outdoor use with low-voltage landscape lighting systems only.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not overload the transformer. The total wattage of connected fixtures must not exceed 120 watts.

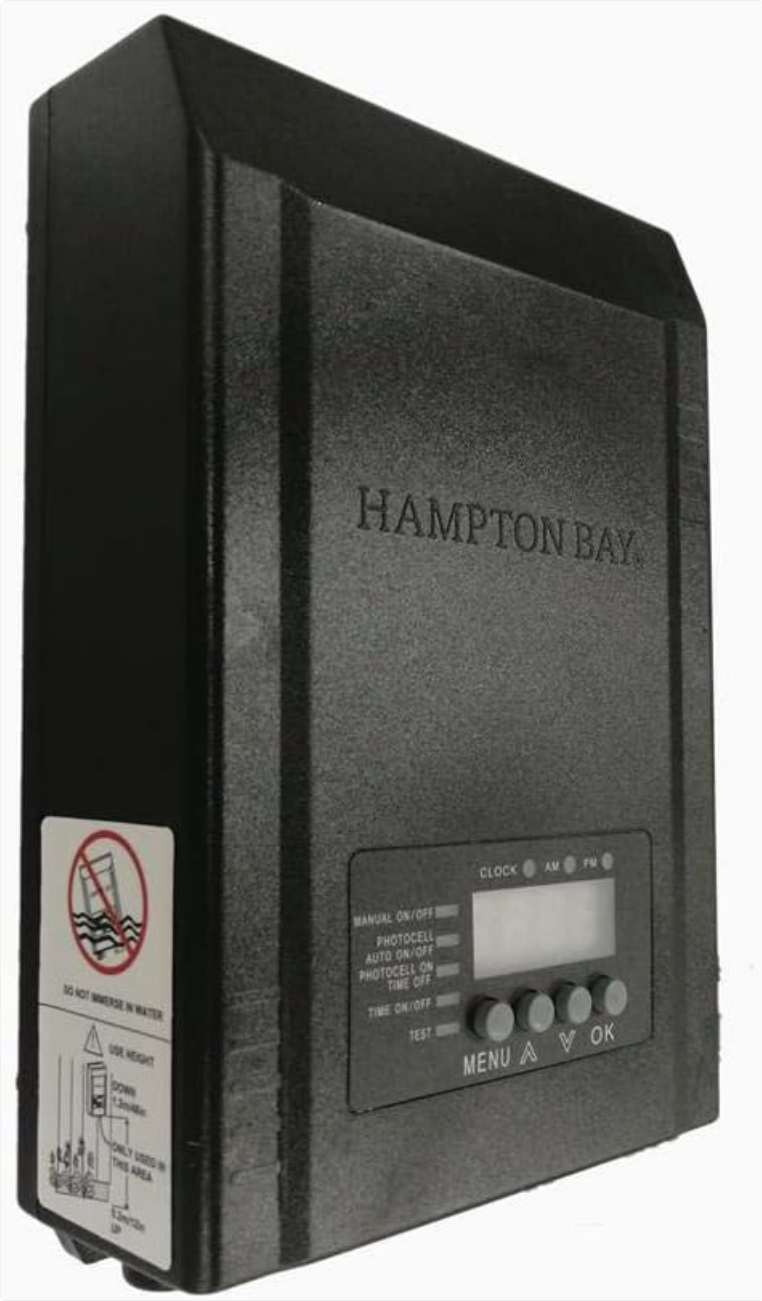


Front and side view of the Hampton Bay 4336509073 low-voltage landscape transformer, showing the control panel and warning labels, including a 'Do Not Immerse in Water' symbol.

Package Contents

Verify that all components are present before beginning installation:

- Hampton Bay 4336509073 Low-Voltage 120-Watt Landscape Transformer Unit
- Photocell Sensor with Cable
- Mounting Hardware (screws, anchors)
- Instruction Manual (this document)



A coiled low-voltage cable with a photocell sensor on one end and a two-prong connector on the other, used for automatic light control.

Setup

1. **Choose a Location:** Select a suitable outdoor location for the transformer. It should be close to a GFCI (Ground Fault Circuit Interrupter) protected outdoor electrical outlet and within reach of your low-voltage lighting cables. Ensure the location is protected from direct water spray and is not prone to flooding.
2. **Mount the Transformer:** Use the provided mounting hardware to securely attach the transformer to a wall or sturdy post. Ensure it is mounted vertically with the low-voltage terminals facing downwards.
3. **Connect Low-Voltage Cables:** Route your low-voltage landscape lighting cables to the transformer. Strip approximately 1/2 inch of insulation from the ends of the low-voltage cables. Connect the cables to the low-voltage terminals on the transformer, ensuring a secure connection. Refer to the wiring diagram in the manual for specific terminal connections.
4. **Install Photocell Sensor:** Plug the photocell sensor cable into the designated port on the transformer. Position the photocell sensor in a location where it will receive natural daylight and is not obstructed by artificial light sources at night. This ensures accurate dusk-to-dawn operation.

5. **Connect to Power:** Plug the transformer's power cord into a GFCI-protected 120V outdoor electrical outlet. The transformer display should illuminate.

Operating Instructions

The transformer features a digital display and control buttons for various operating modes.

Detailed view of the transformer's digital display and control buttons (MENU, A, V, OK), along with indicators for various operating modes like Manual On/Off, Photocell, and Time On/Off.

Control Panel Overview:

- **Display:** Shows current time and programming settings.
- **Indicators:** LEDs next to 'MANUAL ON/OFF', 'PHOTOCELL AUTO ON/OFF', 'PHOTOCELL ON TIME OFF', 'TIME ON/OFF' indicate the active operating mode.
- **MENU Button:** Enters programming mode and cycles through settings.
- **A (Up) Button:** Increases values or moves up in menu options.
- **V (Down) Button:** Decreases values or moves down in menu options.
- **OK Button:** Confirms selections and exits programming mode.
- **TEST Button:** Activates a short test cycle for connected lights.

Setting the Clock:

1. Press the **MENU** button until 'CLOCK' is displayed or the 'CLOCK' indicator flashes.
2. Use the **A** and **V** buttons to set the current hour. Press **OK** to confirm.
3. Use the **A** and **V** buttons to set the current minute. Press **OK** to confirm.
4. The clock is now set.

Operating Modes:

- **MANUAL ON/OFF:** Press the **MENU** button until the 'MANUAL ON/OFF' indicator is lit. Use the **OK** button to toggle the lights ON or OFF manually.
- **PHOTOCELL AUTO ON/OFF (Dusk-to-Dawn):** Press the **MENU** button until the 'PHOTOCELL AUTO ON/OFF' indicator is lit. The transformer will automatically turn lights ON at dusk and OFF at dawn based on the photocell sensor.
- **PHOTOCELL ON TIME OFF:** Press the **MENU** button until the 'PHOTOCELL ON TIME OFF' indicator is lit. Use the **A** and **V** buttons to set the desired duration (e.g., 4H for 4 hours). Lights will turn ON at dusk and turn OFF after the set duration.

- **TIME ON/OFF:** Press the **MENU** button until the 'TIME ON/OFF' indicator is lit. Use the **A** and **V** buttons to set specific ON and OFF times. Press **OK** to confirm each setting.

Maintenance

- **Cleaning:** Periodically wipe the transformer's exterior with a damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Photocell Sensor:** Ensure the photocell sensor remains clean and free from obstructions (e.g., leaves, dirt) to maintain accurate operation.
- **Connections:** Annually inspect all low-voltage cable connections for corrosion or looseness. Tighten as necessary.
- **Cable Inspection:** Check low-voltage cables for any damage, cuts, or exposed wiring. Repair or replace damaged cables immediately.

Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power to transformer.	Check the GFCI outlet and circuit breaker. Ensure the transformer is plugged in.
Lights turn on at wrong time.	Incorrect clock setting or photocell obstruction.	Reset the clock. Clear any obstructions from the photocell sensor. Verify operating mode.
Some lights are dim or off.	Loose connections or faulty bulbs.	Check all low-voltage cable connections. Replace any burnt-out bulbs.
Transformer display is off.	No power or internal fault.	Check power supply. If power is present and display remains off, contact customer support.

Specifications

- **Model Number:** 4336509073
- **Power Source:** Corded Electric
- **Output Voltage:** 12 Volts (Low-Voltage)
- **Maximum Wattage:** 120 Watts
- **Item Weight:** 5.14 pounds
- **Product Dimensions:** 10 x 12 x 14 inches
- **Manufacturer:** The Home Depot

Warranty Information

Specific warranty information for the Hampton Bay 4336509073 Low-Voltage 120-Watt Landscape Transformer is not available in this document. Please refer to the product packaging or contact Hampton Bay customer support for detailed warranty terms and conditions.

Customer Support

For technical assistance, troubleshooting, or replacement parts, please contact Hampton Bay customer support.

Refer to the contact information provided on the product packaging or the official Hampton Bay website.

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