Intermatic HB32R

Intermatic HB32R Raintight Outdoor Timer Instruction Manual

Model: HB32R | Part Number: 7766982

INTRODUCTION

This manual provides instructions for the safe and efficient use of your Intermatic HB32R Raintight Outdoor Timer. This device is designed to automate the on/off cycles of electrical devices for outdoor applications, repeating its program every 24 hours.

SAFETY INFORMATION

- Read all instructions before use to ensure proper operation and prevent hazards.
- Do not immerse the timer in water. While raintight, it is not designed for submersion.
- Ensure the timer is securely mounted or placed in a stable position to prevent accidental dislodgement.
- Do not exceed the maximum electrical rating of 10 AMP. Overloading can cause damage or fire.
- Always disconnect power before servicing or making adjustments to the timer or connected devices.
- This device is intended for outdoor use and is raintight. Do not use indoors unless specified.

PRODUCT FEATURES

- Raintight enclosure for reliable outdoor use in various weather conditions.
- 24-hour programmable cycle for consistent daily automation.
- Maximum load capacity: 10 AMP, suitable for a range of outdoor electrical devices.
- Easy-to-set dial with distinct red (ON) and green (OFF) pins for straightforward programming.

SETUP AND INSTALLATION

Unpacking

Carefully remove the timer from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. If damage is found, do not use the timer and contact customer support.

Setting the Current Time

To set the current time:

1. Locate the rotating dial on the timer face.
2. Rotate the dial clockwise until the current time aligns with the "TIME NOW" arrow. The dial is marked in 24-hour format (e.g., 12 is noon, 24 is midnight).

Programming ON/OFF Times

The timer uses red and green pins for programming:

- Red pins control the "ON" periods, indicating when the connected device will receive power.
- Green pins control the "OFF" periods, indicating when the connected device will be powered off.
- Insert the red pins into the dial at the desired "ON" times.
- Insert the green pins into the dial at the desired "OFF" times.
- Ensure all pins are firmly seated in the dial slots. Multiple ON/OFF cycles can be set within a 24-hour period.

Connecting to Power and Device

Follow these steps to connect your timer:

1. Plug the timer's power cord into a grounded outdoor electrical outlet.
2. Plug the device you wish to control into the timer's receptacle.
3. Ensure the timer's cover is securely closed to maintain its raintight rating and protect internal components from the elements.

Figure 1: Front view of the Intermatic HB32R timer with the protective cover open, revealing the central 24-hour programming dial. The dial features markings for time and slots for inserting red (ON) and green (OFF) pins. A black power cord with a two-prong plug is visible on the left.

Figure 2: The Intermatic HB32R outdoor timer in its closed position, showcasing its compact, raintight black casing. The attached power cord with a two-prong plug extends from the unit.

Figure 3: An angled side view of the Intermatic HB32R outdoor timer, demonstrating its durable, raintight construction. The power cord is visible, securely integrated into the unit.

OPERATING INSTRUCTIONS

Once the current time and program pins are set, and the timer is connected to power and your device, the timer will automatically activate and deactivate the connected device according to your programmed schedule. The program repeats every 24 hours.

Manual Override

The timer includes a manual override switch, typically located below the programming dial. This switch allows for temporary control of the connected device without altering the programmed schedule:

- To temporarily turn the connected device **ON**, move the switch to the "ON" position.
- To temporarily turn the connected device **OFF**, move the switch to the "OFF" position.
- To return to programmed operation, move the switch to the "TIMER" position (often indicated by an arrow pointing towards the dial).

MAINTENANCE

- Periodically inspect the timer and its power cords for any signs of wear, fraying, or damage. Replace if necessary.
- Clean the exterior of the timer with a soft, damp cloth. Do not use abrasive cleaners, solvents, or immerse the unit in water.
- Ensure the protective cover is always securely closed when the timer is in use outdoors to maintain its raintight integrity.

TROUBLESHOOTING

Device Not Turning ON/OFF

- **Power Supply:** Verify the timer is plugged into a live, functional outdoor electrical outlet.
- **Device Connection:** Check that the connected device is properly plugged into the timer's receptacle and is functional when plugged directly into an outlet.
- **Programming Pins:** Ensure the red (ON) and green (OFF) pins are correctly inserted and aligned with the desired times on the dial.
- **Manual Override:** Confirm the manual override switch is set to the "TIMER" mode for automatic operation.
- **Current Time:** Check if the current time is accurately set on the dial. An incorrect time setting will cause the program to run at the wrong intervals.
- **Load Capacity:** Ensure the total electrical load of the connected device(s) does not exceed the timer's maximum rating of 10 AMP.

Timer Not Advancing

- **Power Supply:** Ensure the timer is receiving continuous power.
- **Obstructions:** If the dial appears stuck, gently rotate it to check for any physical obstructions. If the issue persists, the internal mechanism may require service.

SPECIFICATIONS
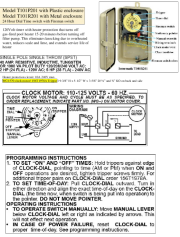
Feature	Detail
Model Number	HB32R (Part No. 7766982)
Brand	Intermatic
Type	Raintight Outdoor Timer
Program Cycle	24 Hours
Maximum Load	10 AMP
Number of Settings	Multiple ON/OFF periods per 24-hour cycle
Color	Black
Item Weight	8.8 ounces
Package Dimensions	6.2 x 3.6 x 3.5 inches
UPC	798167766982
Batteries Required	No

WARRANTY AND SUPPORT

For detailed warranty information or technical support regarding your Intermatic HB32R Raintight Outdoor Timer, please contact Intermatic customer service directly. Refer to the product packaging or the official Intermatic website for the most current contact details and support resources.

Visit Intermatic's Official Website

Related Documents - HB32R

[Intermatic E-1020 24-Hour Automatic In-Wall Timer: Installation and Operation Guide](#)

Comprehensive guide for installing and operating the Intermatic E-1020 24-hour automatic in-wall multiple program timer. Includes step-by-step instructions, wiring diagrams, and warranty details.

[Intermatic HB31R RAINTIGHT OUTDOOR TIMER User Guide](#)

User guide and instructions for the Intermatic HB31R RAINTIGHT OUTDOOR TIMER. Learn how to set the timer, operate it for early on/off, and understand important safety warnings and specifications.

[Intermatic P1121 RAINTIGHT OUTDOOR TIMER - Setup and Safety Instructions](#)

Learn how to set up and safely operate the Intermatic P1121 RAINTIGHT OUTDOOR TIMER. This guide covers programming, early operation, power failure reset, and essential electrical safety warnings for outdoor use.

[Intermatic E-1010 24-Hour In-Wall Timer Installation and Operation Guide](#)

Detailed instructions for installing and operating the Intermatic E-1010 24-hour automatic in-wall timer. Covers wiring, manual operation, automatic settings, and warranty information for residential use.

[Intermatic P1121 RAINTIGHT OUTDOOR TIMER - User Guide and Safety Instructions](#)

User guide and safety instructions for the Intermatic P1121 RAINTIGHT OUTDOOR TIMER. Learn how to set the timer, understand its features, and follow essential electrical safety precautions for outdoor use.

[Intermatic T101P201/T101R201 24-Hour Time Switch with Fireman Switch](#)

Detailed guide for Intermatic T101P201 (plastic) and T101R201 (metal) 24-hour dial time switches with fireman switch functionality for pool heaters. Includes wiring, programming, and operating instructions.