Intermatic HB31R

Intermatic HB31R Outdoor Timer Instruction Manual

INTRODUCTION

This manual provides instructions for the safe and efficient operation of your Intermatic HB31R All-Weather Outdoor Timer. This heavy-duty 15 Amp timer is designed for outdoor use, featuring a rain-tight plastic case and a grounded plug. It is suitable for controlling lighting and other electrical loads such as motors and pool pumps.

IMPORTANT SAFETY INFORMATION

WARNING: To reduce the risk of electric shock or fire, always follow these safety precautions:

- Read all instructions before using the timer.
- Do not immerse the timer in water.
- Ensure the timer is securely plugged into a grounded outlet.
- Do not exceed the maximum electrical rating of 15 Amps or 1800 Watts.
- Keep children away from the timer and connected devices.
- Always unplug the timer from the outlet before performing any maintenance or adjustments.
- Do not use if the cord or plug is damaged.

PRODUCT OVERVIEW

The Intermatic HB31R timer is designed for reliable outdoor use. Key features include:

- **Rain-tight Plastic Case:** Protects internal components from outdoor elements.
- **Grounded Plug:** Provides essential safety for connected devices.
- **15 Amp Capacity:** Suitable for heavy-duty loads.
- **Manual Override Switch:** Allows for temporary on/off control without altering programmed settings.
- **18-inch Grounded Cord:** For convenient placement and connection.

Image: The Intermatic HB31R outdoor timer, featuring its robust rain-tight casing and grounded cord. This image displays the overall design and components of the timer.

SETUP INSTRUCTIONS

1. **Unpack the Timer:** Carefully remove the timer from its packaging. Inspect for any damage.

2. **Choose a Location:** Select a suitable outdoor location that is protected from direct heavy rain and allows for easy access to a grounded electrical outlet.

3. **Plug In the Timer:** Insert the timer's grounded plug into a compatible 120V grounded outdoor electrical outlet.

4. **Connect Your Device:** Plug the device you wish to control into the grounded receptacle on the timer. Ensure the device's power switch is in the 'ON' position if it has one, so the timer can control its power supply.

OPERATING INSTRUCTIONS

Setting the Current Time

1. Rotate the dial clockwise until the current time aligns with the arrow indicator on the timer face. The dial represents a 24-hour cycle.

Setting ON/OFF Times

The timer allows for up to two ON/OFF settings per day.

1. Locate the small pins around the edge of the dial. These pins control the ON and OFF cycles.

2. To set an **ON** time, push a pin inwards at the desired start time.

3. To set an **OFF** time, pull a pin outwards at the desired end time.

4. Ensure there is at least a 30-minute interval between ON and OFF settings. The minimum ON time is 1/2 hour, and the maximum ON time is 23-1/2 hours.

Manual Override

The timer includes a manual override ON/OFF switch. This switch allows you to temporarily turn the connected device ON or OFF without affecting the programmed schedule. The timer will resume its programmed schedule at the next set ON or OFF time.

MAINTENANCE AND CARE

- **Cleaning:** Disconnect the timer from the power outlet before cleaning. Wipe the exterior with a damp cloth. Do not use abrasive cleaners or immerse in water.
- **Storage:** When not in use, store the timer in a dry, cool place away from direct sunlight.
- **Inspection:** Periodically inspect the cord and plug for any signs of wear or damage. If damage is found, discontinue use and replace the timer.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn ON/OFF at programmed times.	- Pins not set correctly. - Current time not set correctly. - Device switch is OFF.	- Ensure pins are pushed in for ON and pulled out for OFF at desired times. - Verify the current time is aligned with the arrow indicator. - Ensure the connected device's power switch is in the 'ON' position.
Timer is not receiving power.	- Outlet is not live. - Timer is unplugged.	- Check the outlet with another device or test the circuit breaker. - Ensure the timer is fully plugged into a working outlet.

Problem	Possible Cause	Solution
Timer dial is not moving.	• Timer is not receiving power. • Internal mechanism issue.	• Verify power supply as above. • If power is present and dial still doesn't move, the unit may require replacement.

SPECIFICATIONS

- **Model Number:** HB31R
- **Manufacturer:** Intermatic
- **Voltage:** 120V
- **Wattage:** 1800W
- **Amperage:** 15 Amps
- **Material:** Plastic
- **Product Dimensions:** 3.75 x 7 x 6.75 inches
- **Item Weight:** 1 pound
- **Mounting Type:** Plug-In Mount
- **Minimum ON Time:** 1/2 hour
- **Maximum ON Time:** 23-1/2 hours

WARRANTY AND SUPPORT

Warranty Information

This Intermatic HB31R timer comes with a **1 Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the warranty documentation included with your product or contact Intermatic customer support.

Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Intermatic customer support. Refer to the official Intermatic website for current contact information.