

Intermatic HB35K

Intermatic HB35K Outdoor Timer Instruction Manual

Model: HB35K | Brand: Intermatic

PRODUCT OVERVIEW

The Intermatic HB35K is a durable outdoor plug-in 24-hour mechanical timer designed for automated control of outdoor electrical devices. It is ideal for managing landscape lighting, holiday decorations, and fountains, providing convenience and energy savings. This model features two grounded receptacles and an 8-inch grounded cord for versatile use.

Key Features:

- Controls LED and CFL lights.
- Designed for outdoor decorations, holiday lighting, and Christmas tree lights.
- Equipped with two grounded outlets.
- Allows up to 24 ON/OFF events at 30-minute intervals using captive trippers.
- Features a manual override switch for immediate ON/OFF control.



Image: Front view of the Intermatic HB35K Outdoor Timer, showing the timer dial and the Intermatic logo.

SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Outdoor Use Only:** This timer is designed for outdoor use. Ensure it is protected from direct water exposure and extreme weather conditions.
- **Grounding:** Always plug the timer into a grounded 120V, 60Hz outlet. Do not remove the grounding prong.
- **Load Capacity:** Do not exceed the maximum electrical ratings: 10A Resistive, 1250W Tungsten, 500VA Electronic Ballast, 1/2HP Motor Load. Overloading can cause overheating and fire.
- **Cord Management:** Ensure the cord is not pinched or damaged. Keep cords away from heat, sharp edges, and moving parts.
- **Children and Pets:** Keep the device out of reach of children and pets.
- **Maintenance:** Do not attempt to open or repair the unit. Refer all servicing to qualified personnel.

SETUP AND INSTALLATION

Follow these steps to properly set up your Intermatic HB35K Outdoor Timer:

1. **Choose a Location:** Select a suitable outdoor location near a grounded 120V, 60Hz electrical outlet. Ensure the location offers some protection from direct heavy rain or snow, such as under an eave or covered patio.
2. **Mounting (Optional):** The timer features a keyhole slot on the back for wall mounting. If desired, secure a screw (not included) into a wall or post, leaving the head slightly out. Hang the timer using the keyhole slot.



Image: Back view of the timer, highlighting the keyhole slot for mounting.

3. **Plug in the Timer:** Insert the timer's grounded plug into a suitable outdoor electrical outlet.
4. **Connect Devices:** Plug the devices you wish to control into the two grounded receptacles on the bottom of the timer. Ensure the total load does not exceed the timer's specifications.



Image: Bottom view of the timer, showing the two grounded outlets where devices are plugged in.



Image: The timer mounted on an exterior wall, with two electrical cords plugged into its outlets, demonstrating typical outdoor usage.

OPERATING INSTRUCTIONS

The HB35K timer uses a mechanical dial with captive trippers for programming and a manual override switch.

Setting the Current Time:

1. Rotate the entire timer dial clockwise until the current time aligns with the arrow indicator (usually marked "TIME" or a small triangle) on the stationary part of the timer. The dial is marked with 24 hours (1-12 AM, 1-12 PM).

Programming ON/OFF Times:

The timer has captive trippers around the dial. Each tripper represents a 30-minute interval.

1. **To Set ON Time:** Push down the trippers corresponding to the desired ON period. When a tripper is pushed down, the connected device will be ON during that 30-minute interval.
2. **To Set OFF Time:** Leave the trippers in the UP position for the desired OFF period. When a tripper is up, the connected device will be OFF during that 30-minute interval.



Image: Close-up of the timer dial, showing the small segments (trippers) that can be pushed down or pulled up to set ON/OFF intervals.



Image: A finger demonstrating how to push down a tripper on the timer dial to program an ON period.

Using the Manual Override Switch:

The timer features a manual override switch, typically a small lever or button, with three positions: "I" (ON), "T" (Timer), and "O" (OFF).

- **"I" (ON):** Moves the timer to a continuous ON state, overriding the programmed settings.
- **"T" (Timer):** Activates the programmed ON/OFF schedule. This is the default position for automated operation.
- **"O" (OFF):** Moves the timer to a continuous OFF state, overriding the programmed settings.

To return to programmed operation, ensure the switch is set to the "T" position.

MAINTENANCE

The Intermatic HB35K timer requires minimal maintenance. Follow these guidelines to ensure longevity:

- **Cleaning:** Disconnect the timer from the power source before cleaning. Wipe the exterior with a soft, damp cloth. Do

not use harsh chemicals or abrasive cleaners.

- **Inspection:** Periodically inspect the power cord and plug for any signs of damage, fraying, or corrosion. If damage is found, discontinue use and replace the unit.
- **Environmental Protection:** While designed for outdoor use, prolonged exposure to extreme weather conditions (e.g., heavy rain, snow, direct sunlight) can reduce its lifespan. Consider additional protection if installed in highly exposed areas.

TROUBLESHOOTING

If you encounter issues with your Intermatic HB35K timer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn ON/OFF at programmed times.	Manual override switch is not in "T" (Timer) position. Current time is not set correctly. Trippers are not set correctly (pushed down for ON, up for OFF). Power outage or interruption.	Ensure the manual override switch is set to "T". Rotate the dial to align the current time with the indicator arrow. Verify that trippers are pushed down for desired ON times and up for OFF times. Reset the current time after a power interruption.
Device is always ON or always OFF.	Manual override switch is in "I" (ON) or "O" (OFF) position. All trippers are pushed down (always ON) or all are up (always OFF).	Set the manual override switch to "T" (Timer). Adjust trippers to create desired ON/OFF cycles.
Timer is not receiving power.	Outlet is not live. Circuit breaker tripped. Timer or cord is damaged.	Test the outlet with another device. Check and reset the circuit breaker. Inspect the timer and cord for visible damage. If damaged, discontinue use.

SPECIFICATIONS

Attribute	Detail
Model Number	HB35K
Brand	Intermatic
Color	Black
Power Input	120V, 60Hz
Resistive Load	10A
Tungsten Load	1250W
Electronic Ballast	500VA
Motor Load	1/2 HP

Attribute	Detail
Number of Outlets	2 (Grounded)
Minimum ON/OFF Time	30 minutes
Daily ON/OFF Events	Up to 24
Cord Length	8 inches (approx.)
Certifications	UL Certified
Item Weight	8 ounces
Product Dimensions	3.25 x 1.75 x 5.75 inches

WARRANTY AND SUPPORT

The Intermatic HB35K Outdoor 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 warranty claims, technical support, or further assistance, please contact Intermatic customer service. Refer to the official Intermatic website for the most current contact information.

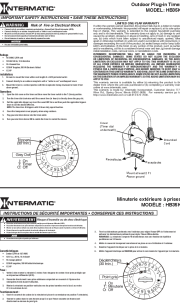


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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - HB35K

	<p>Intermatic HB35K Outdoor Plug-in Timer: Instructions and Safety Guide</p> <p>Comprehensive instructions, safety warnings, and warranty information for the Intermatic HB35K outdoor plug-in timer. Learn how to install and operate your timer safely.</p>
	<p>Intermatic TN311 Timer User Manual and Warranty</p> <p>User guide and one-year limited warranty information for the Intermatic TN311 heavy-duty grounded outlet timer. Learn how to set the program, time of day, and automatic override.</p>
	<p>Intermatic E-1020 24-Hour Automatic In-Wall Timer: Installation and Operation Guide</p> <p>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.</p>

 <p>INTERMATIC® RAINTIGHT OUTDOOR TIMER P1121</p> <p>1. Mount OUTDOORLY on a wall (DO NOT mount in a closet or under a roof eave). 2. Plug timer into a standard 120V AC outlet. 3. Plug outdoor lighting fixture into the timer's outlet.</p> <p>SAFETY SECTION</p> <p>PRODUCT DESCRIPTION</p> <p>WARRANTY</p> <p>TIMER OVERVIEW</p>	<p>Intermatic P1121 RAINLIGHT OUTDOOR TIMER - User Guide and Safety Instructions</p> <p>User guide and safety instructions for the Intermatic P1121 RAINLIGHT OUTDOOR TIMER. Learn how to set the timer, understand its features, and follow essential electrical safety precautions for outdoor use.</p>
 <p>INTERMATIC® Digital Landscape Timer DT200LT</p> <p>SAFETY SECTION</p> <p>PRODUCT DESCRIPTION</p> <p>WARRANTY</p> <p>TIMER OVERVIEW</p>	<p>Intermatic DT200LT Digital Landscape Timer: Setup, Operation, and Troubleshooting Guide</p> <p>Comprehensive guide for the Intermatic DT200LT Digital Landscape Timer, covering setup, programming, operation, battery maintenance, warranty, and troubleshooting for low voltage landscape lighting.</p>
 <p>How to operate and set T100 series timer</p> <p>1. Mount timer in a dry, protected location. 2. Plug timer into a standard 120V AC outlet. 3. Plug outdoor lighting fixture into the timer's outlet.</p> <p>SAFETY SECTION</p> <p>PRODUCT DESCRIPTION</p> <p>WARRANTY</p> <p>TIMER OVERVIEW</p>	<p>How to Operate and Set Intermatic T100 Series Timers</p> <p>A comprehensive guide to operating and setting Intermatic T100 series mechanical timers, including models T101, T103, T104, T105, and T106. Learn about timer specifications, safety precautions, setting ON/OFF trippers, using manual override, and finding resources for troubleshooting and replacement parts.</p>