Rain Bird WP-6

Rain Bird WP-6 Irrigation Timer User Manual

Model: WP-6

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Rain Bird WP-6 Irrigation Timer. The WP-6 is designed to automate your watering schedule, ensuring efficient and consistent irrigation for your landscape. Please read this manual thoroughly before operating the device to ensure proper function and longevity.

2. Product Overview



Figure 2.1: Rain Bird WP-6 Irrigation Timer

This image displays the front of the Rain Bird WP-6 Irrigation Timer. It features a grey casing with a dark grey control panel. On the left, there is an LCD screen showing numerical values (e.g., "2051") and battery status. To the right of the screen, there are several pink control buttons: "Valid.", "ABC", "ON+", "OFF-", and a circular arrow button for navigation. Below the screen, the model name "WP 8" is visible, though this manual pertains to the WP-6 model. Below the buttons, there are labels "Time & Prog Mode". Along the bottom edge of the control panel, there are indicators "S S C P 1 2 3 4 5 6 7 8 C". The bottom part of the casing has "RAIN BIRD." embossed. A threaded connector is visible on the right side of the unit.

Key Components:

- **LCD Display:** Shows current time, program settings, and status indicators.

- **Control Buttons:** Used for navigation, setting parameters, and confirming selections. Includes ON+, OFF-, Valid, ABC, and a circular arrow button.
- **Battery Compartment:** Located on the back or side, for 9-volt battery.
- **Water Outlet/Inlet:** Connection points for your irrigation system.
- **Mounting Holes:** For secure installation on a wall or post.

3. Setup and Installation

3.1. Battery Installation

1. Locate the battery compartment cover, typically on the back or bottom of the unit.
2. Remove the cover by sliding or unscrewing it.
3. Insert a new 9-volt alkaline battery, ensuring correct polarity (+/-).
4. Replace the battery compartment cover securely to maintain water resistance.
5. The display should illuminate, indicating successful battery installation.

3.2. Mounting the Timer

Choose a location that is protected from direct sunlight and extreme weather conditions, yet accessible for programming and maintenance. The timer should be mounted vertically.

- Use appropriate screws (not included) to secure the timer to a wall or sturdy post using the integrated mounting holes.
- Ensure the timer is level to prevent water ingress.

3.3. Connecting to the Irrigation System

The WP-6 timer is designed to connect directly to a standard garden hose tap or an irrigation manifold.

- Thread the inlet side of the timer onto your water source (e.g., outdoor faucet). Hand-tighten only.
- Connect your garden hose or irrigation tubing to the outlet side of the timer. Ensure all connections are secure to prevent leaks.

4. Operating Instructions

4.1. Basic Controls

Familiarize yourself with the control buttons:

- **ON+ / OFF-:** Used to increase or decrease values, or to turn the timer ON/OFF manually.
- **Valid.:** Confirms selections and moves to the next setting.
- **ABC:** Likely used for selecting programming modes or specific settings (e.g., A, B, C programs).
- **Circular Arrow Button:** Used for navigating through menus or cycling through options.
- **Time & Prog Mode:** Indicates the current mode of operation or programming.

4.2. Setting Current Time and Date

1. Press the appropriate button (refer to "Time & Prog Mode" label) to enter the time setting mode.
2. Use the ON+ / OFF- buttons to adjust the hour. Press "Valid." to confirm.
3. Repeat for minutes, day of the week, month, and year (if applicable).
4. Press "Valid." to exit time setting mode.

4.3. Programming Irrigation Schedules

The WP-6 allows for multiple watering programs. Each program typically includes a start time, duration, and watering days.

1. Enter programming mode (e.g., by pressing "ABC" or the circular arrow button until "Prog Mode" is indicated).
2. **Set Start Time:** Use ON+ / OFF- to set the desired start time for watering. Press "Valid."
3. **Set Duration:** Use ON+ / OFF- to set how long the watering cycle will run (e.g., in minutes). Press "Valid."
4. **Select Watering Days:** Use the navigation buttons to select specific days of the week for watering. Press "Valid." to confirm each day.
5. Repeat for additional programs (if available) or exit programming mode.

4.4. Manual Operation

To manually turn on or off the water flow:

- Press the "ON+" button to initiate manual watering. The display may show a countdown.
- Press the "OFF-" button to stop manual watering at any time.

5. Maintenance

5.1. Battery Replacement

Replace the 9-volt battery annually, or when the low battery indicator appears on the display. Refer to Section 3.1 for battery installation steps.

5.2. Cleaning

Wipe the exterior of the timer with a damp cloth. Do not use abrasive cleaners or submerge the unit in water.

5.3. Winterization (for cold climates)

Before the first frost, disconnect the timer from the water source and drain any remaining water. Store the timer indoors in a dry, frost-free location. Remove the battery before storage.

6. Troubleshooting

Problem	Possible Cause	Solution
Timer display is blank or dim.	Dead or low battery.	Replace the 9-volt battery. Ensure correct polarity.
Timer does not water at scheduled times.	Incorrect programming; water source off; low battery; manual override active.	Verify program settings (start time, duration, days). Check water tap is fully open. Replace battery. Ensure manual override is off.
Water leaks from connections.	Loose connections; damaged washer.	Tighten connections. Check and replace rubber washers if damaged.
Timer continuously waters or does not shut off.	Valve stuck open; internal malfunction.	Try manual OFF. If issue persists, contact customer support.

7. Specifications

Feature	Detail
Model Number	WP-6
Brand	Rain Bird
Power Source	9 Volts (1 x 9V battery required)
Display Type	LCD or LED
Product Dimensions (L x W x H)	0.15 x 0.15 x 0.15 cm (approx. 0.06 x 0.06 x 0.06 inches)
Weight	860 grams (approx. 1.9 lbs)
ASIN	B00KRJ3KIS

8. Warranty and Support

For warranty information or technical support, please refer to the warranty card included with your product or visit the official Rain Bird website. Do not attempt to repair the unit yourself, as this may void the warranty.

© 2024 Rain Bird Corporation. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question