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Rain Bird F48311

Rain Bird WPX-1 P IP68 Battery Programmer

Model: F48311 User Manual

Product Overview

The Rain Bird WPX-1 P IP68 Battery Programmer is designed for efficient automatic irrigation in environments where 230V power is unavailable. Its user-friendly interface allows for quick and easy programming, with all functions viewable on a single screen. The robust, waterproof casing ensures long-term durability, even when installed in a valve well.

Key Features:

- 1 zone WPX programmer for precise control.
- IP68 rated, providing superior protection against dust and water infiltration.
- Durable plastic casing resistant to weathering, yellowing, and aging.
- Extended battery life: approximately one year with one 9V alkaline battery, or two years with two 9V alkaline batteries.
- Customizable programming options for departure times, watering durations, and irrigation days for each area.
- Four watertight programming options: custom weekdays, cycles (every 1-30 days), days off, and specific days off.



Front view of the Rain Bird WPX-1 P IP68 Battery Programmer, showing the display and control buttons.

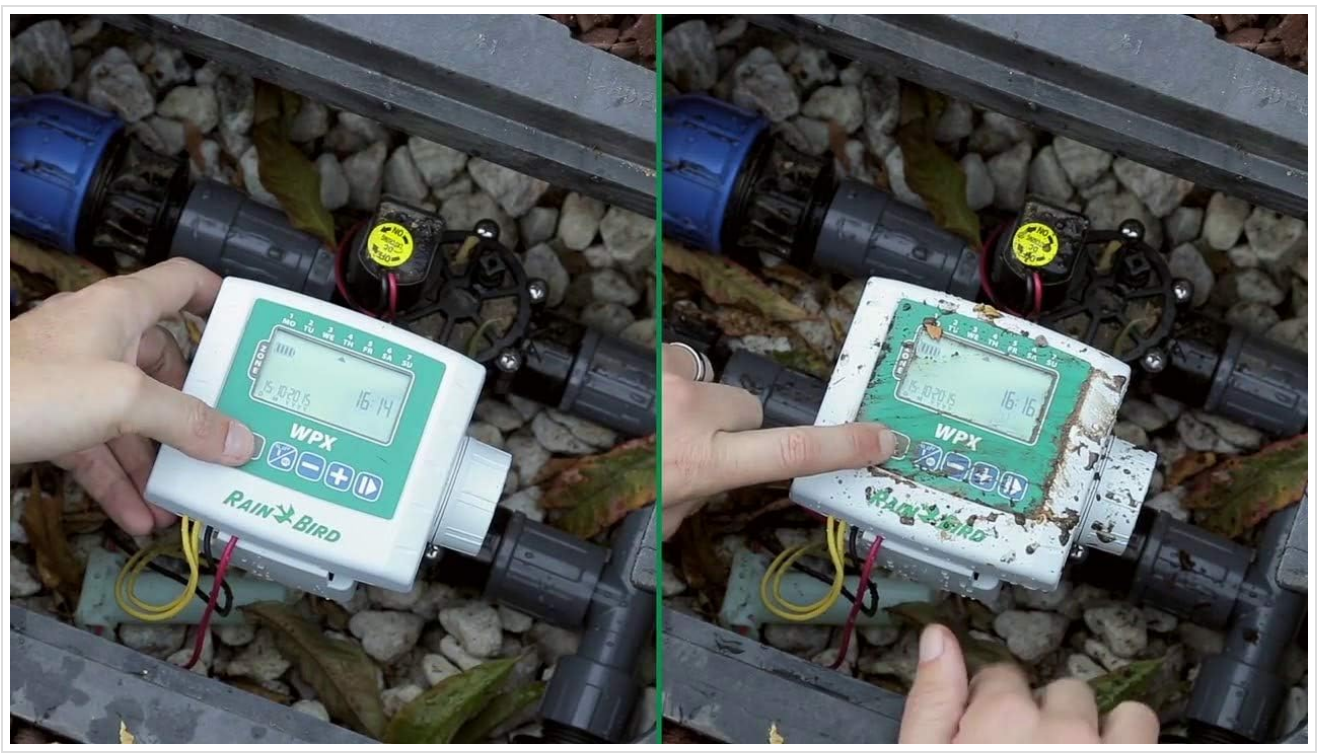
Setup

Installation

The WPX-1 P programmer is designed for installation in a valve box, ensuring its IP68 rating can be fully utilized for protection against water and dust. Connect the programmer to your irrigation system's solenoid valve according to the wiring diagram provided with your purchase. Ensure all connections are secure and watertight.

Battery Installation

The device operates on 9V alkaline batteries. For optimal performance and extended life, it is recommended to use high-quality alkaline batteries. The programmer can function for approximately one year with a single 9V battery or up to two years with two 9V batteries. Refer to the battery compartment for correct polarity and installation.



Demonstration of the Rain Bird WPX-1 P IP68 Battery Programmer being placed within a valve box, connected to irrigation pipes.

Operating Instructions

Programming Overview

The WPX-1 P features a straightforward programming interface, allowing users to set irrigation schedules with ease. All programming functions are displayed on a single screen for quick adjustments.

Setting Irrigation Schedules

- **Custom Weekdays:** Program specific days of the week for irrigation.
- **Cycles:** Set irrigation to occur every 1 to 30 days.
- **Days Off:** Designate specific days when irrigation should not occur.
- **Departure Times & Watering Durations:** Customize the start times and length of watering for each programmed zone.

Use the intuitive buttons on the programmer to navigate through the menu and adjust settings. The display will guide you through each step of the programming process.



A detailed view of the programmer's screen, showing time, zone, and programming indicators.

Maintenance

General Care

The WPX-1 P programmer is built with a highly resistant plastic casing designed to withstand weathering, yellowing, and aging. Regular inspection of the unit and its connections within the valve box is recommended to ensure optimal performance. Keep the display clean and free from debris for clear visibility.

Battery Replacement

Replace the 9V alkaline battery(ies) annually or biennially, depending on usage and the number of batteries installed, to ensure continuous operation. A low battery indicator will typically appear on the display when replacement is needed. Always use new, high-quality alkaline batteries for best results.

Troubleshooting

Problem	Possible Cause	Solution
Programmer not turning on / Display blank	Dead or improperly installed battery.	Check battery polarity. Replace with new 9V alkaline battery(ies).
No water flow / Irrigation not starting	Incorrect programming; Solenoid valve issue; Wiring problem.	Verify programming schedule. Check solenoid valve for proper function. Inspect wiring connections for security.
Watering at incorrect times or durations	Programming error; Time/date not set correctly.	Review and adjust programming settings (start times, run times, days). Ensure current time and date are accurate.

Problem	Possible Cause	Solution
Buttons unresponsive or display erratic	Low battery; Moisture ingress (unlikely due to IP68, but possible if seal compromised).	Replace batteries. If issue persists, inspect for signs of physical damage or compromised seals.

Specifications

Feature	Detail
Product Dimensions	10.76 x 4.99 x 17.6 cm
Item Weight	1.28 Kilograms
Material Type	Plastic
Color	White
IP Rating	IP68
Power Source	9V Alkaline Battery (1 or 2)
Number of Settings	4 (Custom Weekdays, Cycles, Days Off, Specific Days Off)
Manufacturer	Rain Bird
Model Number	F48311

Warranty and Support

Warranty information for the Rain Bird WPX-1 P IP68 Battery Programmer is typically provided with your purchase documentation or can be found on the official Rain Bird website. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact Rain Bird customer service or visit their official support portal. Contact details are usually available on the product packaging or the manufacturer's website.

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