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RAINPOINT 102B

RAINPOINT Bluetooth Hose Timer

Model: 102B

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your RAINPOINT Bluetooth Hose Timer, Model 102B. This smart water timer is designed to automate your garden watering, offering convenience and water conservation through app control and various scheduling options. Please read this manual thoroughly before use to ensure proper function and longevity of your device.

PRODUCT FEATURES

- **Faster Bluetooth Connection:** Connects to the companion app via Bluetooth for quick and convenient setup, supporting a connection distance of up to 100ft.
- **Water Conservation:** Features a rain delay function (24/48/72 hours) to prevent unnecessary watering. Manual watering up to 24 hours can be activated via the app or directly on the timer.
- **Efficient Watering Modes:** Supports 'Cycle & Soak' mode for flexible watering intervals to optimize plant water absorption, and 'Normal Schedule' mode for irrigation durations up to 24 hours. Up to 20 watering plans can be set.
- **Durable Brass Inlet:** Equipped with a robust brass thread inlet and a built-in metal filter washer to prevent debris and ensure long-lasting performance.
- **Smart Irrigation System Integration:** Can be paired with a Wi-Fi hub (sold separately) to enable Wi-Fi control, allowing for remote management and expansion with additional water timers and soil moisture meters.

PACKAGE CONTENTS

- RAINPOINT Bluetooth Hose Timer (Model 102B)
- User Manual
- Teflon Tape

- Hose Gaskets (with and without screen)

SETUP

1. Battery Installation

The timer requires three AAA batteries (not included). To install:

1. Twist the front cover of the timer counter-clockwise to unlock and remove it.
2. Pull out the battery compartment.
3. Insert three AAA batteries, ensuring correct polarity.
4. Reinsert the battery compartment and twist the cover clockwise to secure it.

2. App Download and Pairing

Download the 'RainPoint' app from your smartphone's app store.

For Bluetooth Connection:

1. Ensure Bluetooth is enabled on your smartphone.
2. Open the RainPoint app and tap 'Add Device'.
3. The app should automatically discover the 'Bluetooth Water Timer'. Select it to connect.
4. Once connected, you can control the timer via Bluetooth when your phone is within range (up to 100ft).

For Wi-Fi Control (Requires Wi-Fi Hub, sold separately):

If you wish to control the timer remotely via Wi-Fi, you will need a RainPoint Wi-Fi Hub. Follow the hub's instructions to set it up and connect it to your home Wi-Fi network. Once the hub is set up, you can add the Bluetooth Water Timer to the hub through the app, allowing for control from anywhere with an internet connection.

3. Physical Installation

Attach the timer to your outdoor faucet:

1. Ensure the faucet is turned off.
2. Wrap the provided Teflon tape around the faucet threads for a secure, leak-free connection.
3. Screw the brass inlet of the timer onto the faucet. Hand-tighten, then use a wrench for a snug fit, being careful not to overtighten.
4. Connect your garden hose or drip irrigation system to the outlet of the timer.
5. Turn on the faucet fully. The timer's valve will remain closed until activated.



BLUETOOTH CONNECTION

No wifi hub included

Image: RAINPOINT Bluetooth Hose Timer connected to a faucet, with a smartphone showing the app interface for control.

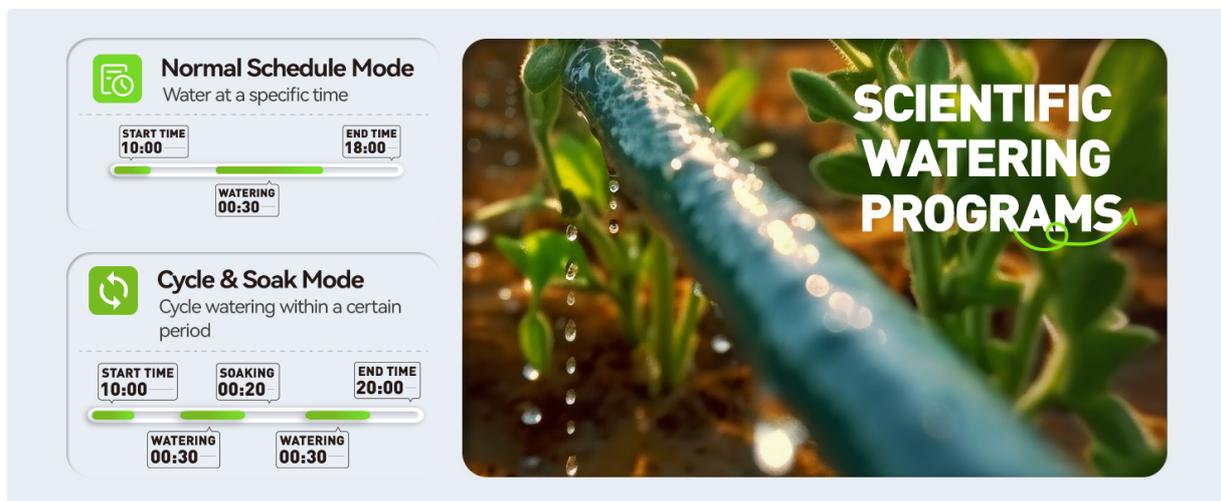


Image: Comparison illustrating the Bluetooth Water Timer (Model 102B) and a Wi-Fi Water Timer, detailing their connection methods and remote control capabilities.

OPERATION

1. Manual Watering

You can manually activate or deactivate watering directly from the timer or through the app:

- **On the Timer:** Press the button on the timer's face to start or stop watering.
- **Via App:** In the RainPoint app, select your timer and use the manual control option to turn watering on or off. You can set a duration for manual watering up to 24 hours.



Image: A child watering plants with a hose connected to the RAINPOINT timer, demonstrating the manual watering feature.

2. Scheduling Watering

The RainPoint app offers flexible scheduling options:

- **Normal Schedule Mode:** Set specific start times and irrigation durations (up to 24 hours) for regular watering. Ideal for general garden beds or filling pools.
- **Cycle & Soak Mode:** Configure flexible watering intervals with 'cycle duration' (watering time) and 'soak duration' (rest time) to allow water to penetrate deeply and prevent runoff. This mode is beneficial for plant absorption.
- You can create up to 20 different watering plans to suit various plants and areas of your garden.

CYCLE & SOAK MODE

Flexible watering intervals for
better plant water absorption

Cycle & Soak Mode

Start Time: 7:30 AM

End Time: 6:50 PM

Weekdays to Water: MON ✓ TUE ✓ WED ✓ THU ✓ FRI ✓ SAT SUN

Cycle Duration: 30 MIN

Coak Duration: 1H 30 MIN

Image: Screenshot of the app displaying 'Cycle & Soak Mode' settings, allowing users to define watering and soaking durations.

NORMAL SCHEDULE MODE

Maximum 24h irrigation duration,
suitable for pool water storage

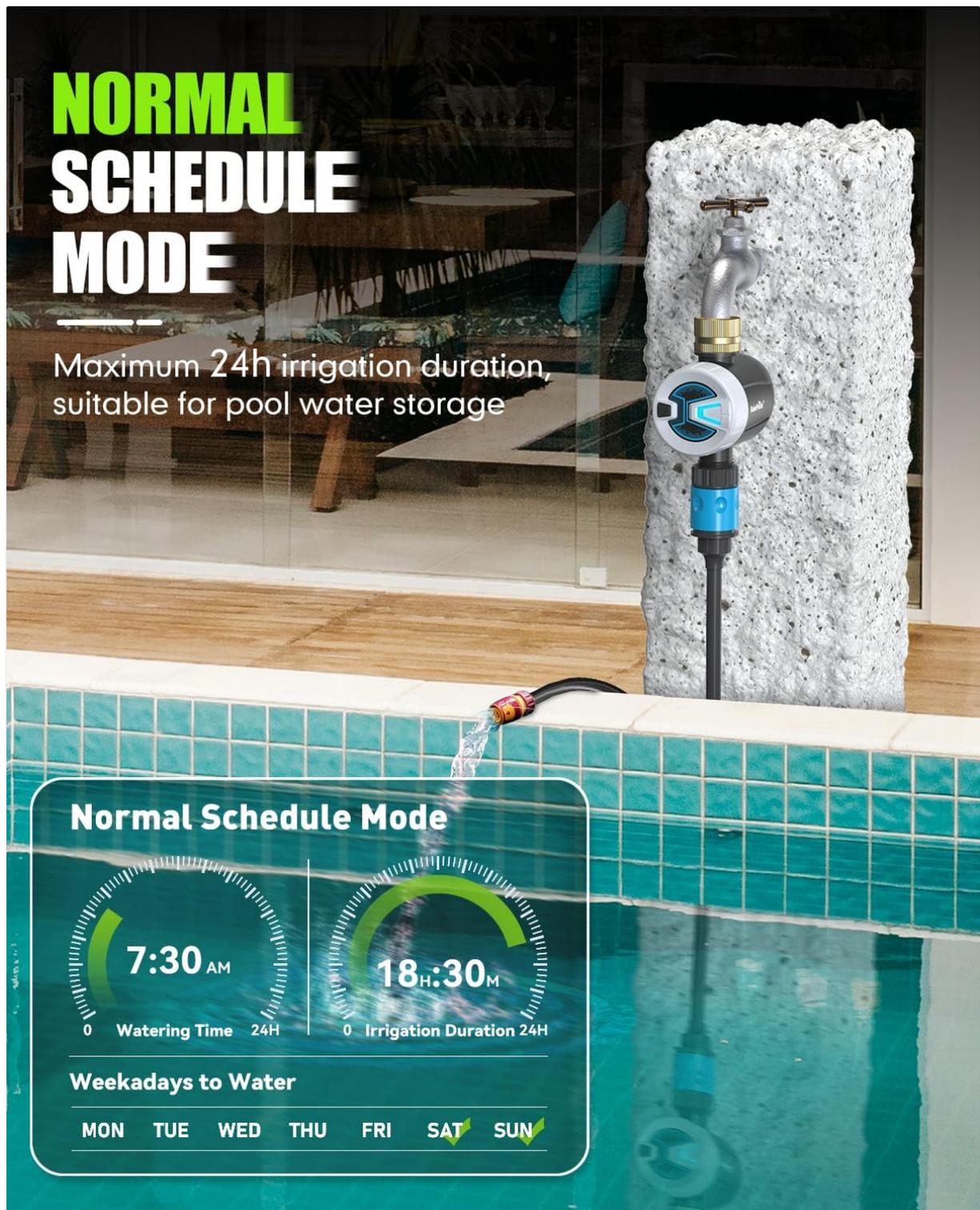


Image: Screenshot of the app displaying 'Normal Schedule Mode' settings, where users can set specific watering times and durations.

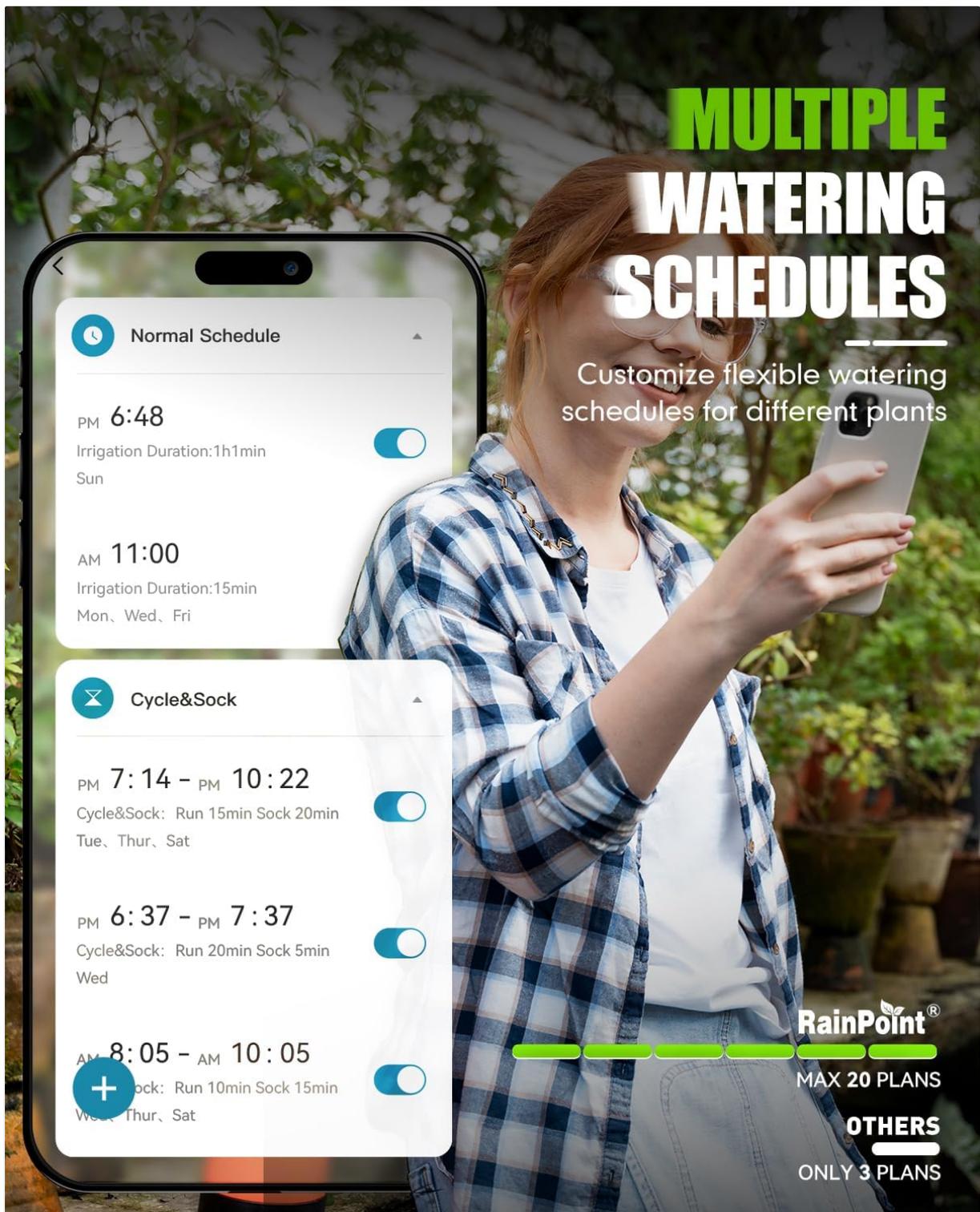


Image: The app interface demonstrating the ability to set up multiple, customized watering schedules for different plants or zones.

3. Rain Delay Function

To prevent overwatering during rainy periods, use the rain delay feature:

- In the RainPoint app, select the rain delay option.
- Choose a delay period of 24, 48, or 72 hours. The timer will pause all scheduled watering for the selected duration and resume automatically afterward.

RAIN DELAY WATERING

Avoid unnecessary watering
in rain day



Image: The RAINPOINT timer installed on a faucet, with icons representing the rain delay function (24h, 48h, 72h).

MAINTENANCE

- **Filter Cleaning:** The brass inlet contains a metal filter washer. Periodically check and clean this filter to prevent blockages and ensure optimal water flow. Remove the timer from the faucet, carefully extract the filter, rinse it under running water, and reinsert.
- **Battery Replacement:** When the battery level is low, the app will notify you. Replace all three AAA batteries promptly to ensure continuous operation.
- **Winterization:** Before freezing temperatures, disconnect the timer from the faucet and store it indoors in a dry, frost-free location to prevent damage.

ROBUST BRASS INLET



Eingebauter
Metall-Filter



More
Wear-resistant



More Durable



Image: A close-up view of the RAINPOINT timer's brass inlet, highlighting its durability and the internal metal filter for preventing debris.

TROUBLESHOOTING

- **No Water Flow:** Ensure the outdoor faucet is fully open. Check the timer's battery level and replace if low. Verify that no rain delay is active in the app. Inspect the inlet filter for clogs.
- **Leaks from Connection:** Ensure the timer is securely tightened to the faucet. Check if Teflon tape was applied correctly. Replace hose gaskets if they appear worn or damaged.
- **App Connectivity Issues (Bluetooth):** Ensure your smartphone is within 100ft of the timer. Restart the app and your phone's Bluetooth. Re-pair the device if necessary.
- **App Connectivity Issues (Wi-Fi, with Hub):** Verify the Wi-Fi hub is powered on and connected to

your home Wi-Fi network. Ensure the timer is successfully paired with the hub. Check your internet connection.

- **Timer Not Activating Schedules:** Confirm that schedules are correctly set and enabled in the app. Check battery levels. Ensure the timer is within Bluetooth range or connected to a functional Wi-Fi hub.

SPECIFICATIONS

Attribute	Value
Model Number	102B
Product Dimensions	4.5 x 4.3 x 4.3 inches
Item Weight	8 ounces (0.5 Pounds)
Brand	RAINPOINT
Material	Metal (Brass Inlet), Plastic
Color	Blue, Grey
Number of Settings	6 (referring to modes/features)

WARRANTY AND SUPPORT

RAINPOINT offers a warranty for its products. If you register your product, the warranty may be extended up to 5 years. Please refer to the product registration information provided with your purchase for details on how to register and the full terms of the warranty.

For customer support, RAINPOINT provides:

- US-Based Customer Service
- 24/7 Online Support (1-on-1)
- Quick Response Times (typically within 1 minute)

Contact information for support can be found on the official RAINPOINT website or within the RainPoint app.

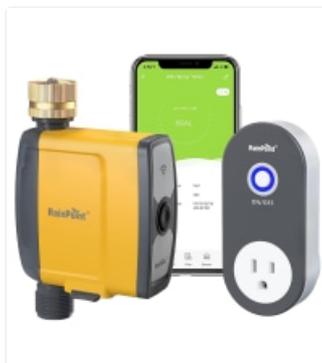


Image: RAINPOINT customer support representatives, symbolizing available assistance.

