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IPOW WT-003

IPOW WT-003 Digital Sprinkler Timer User Manual

Model: WT-003

1. Introduction

Thank you for choosing the IPOW WT-003 Digital Sprinkler Timer. This device is designed to automate your garden watering, providing convenience and water efficiency. It features a 24-hour duration capability, three automatic watering modes, a rain delay function, and a manual mode. With its IP65 waterproof rating, it is built for reliable outdoor use.

2. Safety Information

- This product is intended for outdoor use with cold water only.
- Do not immerse the timer in water.
- Use only alkaline batteries of the specified type (AA). Do not mix old and new batteries or different battery types.
- Remove batteries if the timer will not be used for an extended period or during freezing temperatures.
- Keep out of reach of children.

3. Package Contents

Please check the package to ensure all items are present:

- IPOW WT-003 Digital Sprinkler Timer Unit
- User Manual
- Filter Washer (pre-installed or separate)

4. Product Overview

Familiarize yourself with the components of your sprinkler timer:

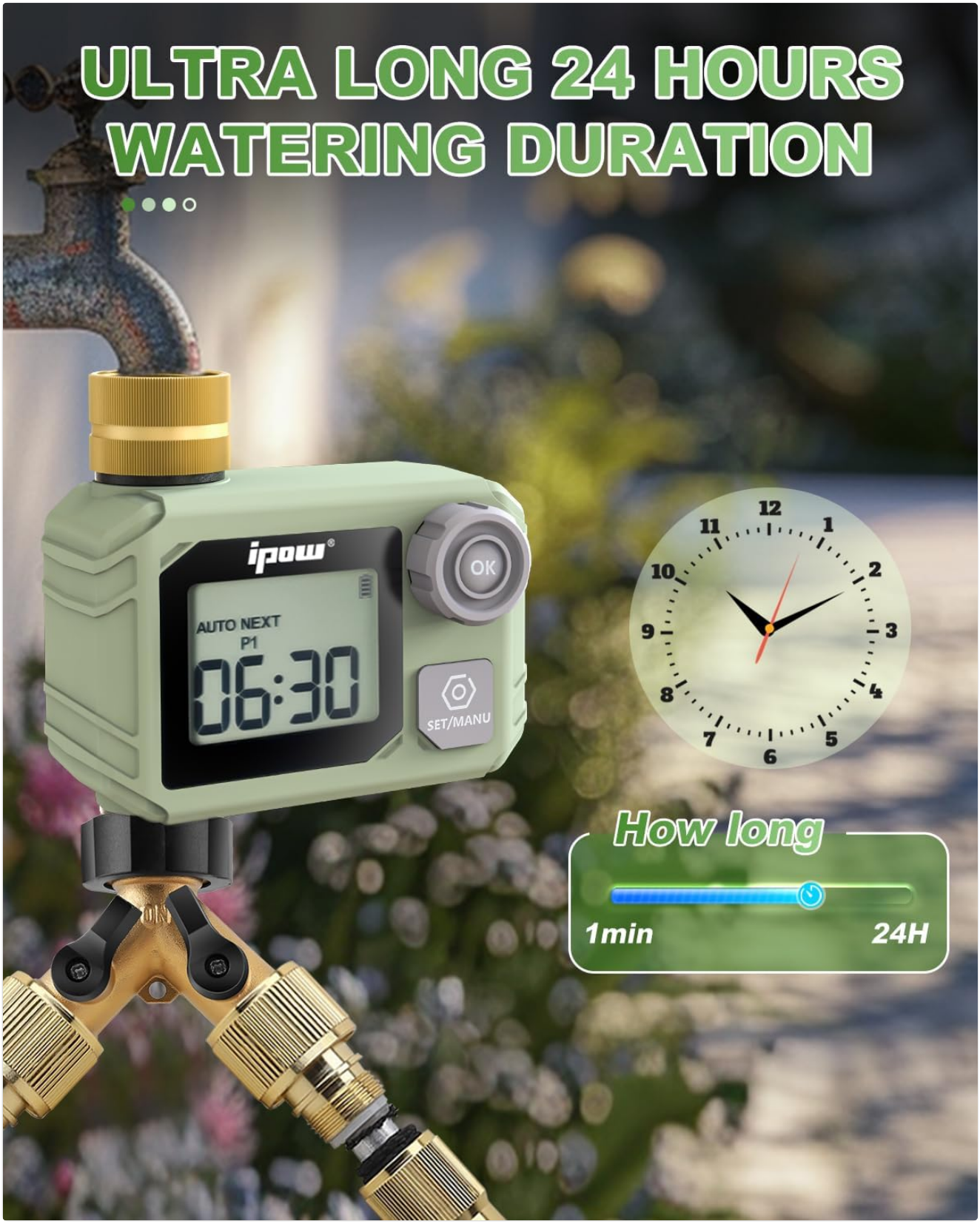


Figure 1: Front view of the IPOW WT-003 Digital Sprinkler Timer, showing the LCD display, 'OK' button, and 'SET/MANU' button.

- **LCD Screen:** Displays current time, program settings, and status indicators.
- **OK Button:** Confirms selections and navigates menus.
- **SET/MANU Button:** Enters programming mode or activates manual watering.
- **Battery Compartment:** Located on the back, holds two AA batteries.
- **Water Inlet:** Connects to the faucet. Features a built-in filter.
- **Water Outlet:** Connects to the garden hose.

5. Setup

5.1 Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Slide the battery cover downwards to open.
3. Insert two (2) new AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely. The LCD screen should illuminate.



Figure 2: The battery compartment of the timer. The timer features a low power protection function that automatically shuts off the valve when battery is low to prevent flooding.

5.2 Connecting the Timer

1. Ensure the filter washer is properly seated in the water inlet.
2. Screw the timer onto your outdoor faucet by hand until it is snug. Do not overtighten.
3. Connect your garden hose to the water outlet at the bottom of the timer. Tighten by hand.



Figure 3: The anti-leakage design of the timer, highlighting the built-in metal filter, reinforcing ribs, and leak-proof sealing gasket for secure connections and a maximum water pressure of 116 PSI.

5.3 Setting Current Time

1. Press the **SET/MANU** button to enter programming mode. The 'CLOCK TIME' indicator will flash.
2. Use the **OK** button to adjust the hour. Press **SET/MANU** to confirm the hour and move to minutes.
3. Use the **OK** button to adjust the minutes. Press **SET/MANU** to confirm.
4. The time format (12-hour AM/PM or 24-hour) can be toggled by pressing **OK** when the hour is flashing.

6. Operating Modes

The IPOW WT-003 timer offers three primary operating modes: Automatic Watering, Rain Delay, and Manual Watering.

6.1 Automatic Watering Mode (P1, P2, P3)

This mode allows you to set up to three independent watering programs (P1, P2, P3) with specific start times, durations, and frequencies.



Figure 4: The timer's display illustrating the three automatic watering modes and their programmable parameters: Start Time (12-hour AM/PM or 24-hour), How Long (1 minute to 24 hours), and How Often (1 to 30 days).

1. From the main screen, press **SET/MANU** repeatedly until 'P1' (or P2, P3) flashes.
2. **Set Start Time:** With 'START TIME' flashing, use **OK** to adjust the hour and minutes. Press **SET/MANU** to confirm each setting.
3. **Set How Long (Duration):** With 'HOW LONG' flashing, use **OK** to set the watering duration from 1 minute to 24 hours. Press **SET/MANU** to confirm.
4. **Set How Often (Frequency):** With 'HOW OFTEN' flashing, use **OK** to set the watering frequency from 1 to 30 days. Press **SET/MANU** to confirm.

5. Repeat for P2 and P3 if desired. The timer will automatically save settings after a few seconds of inactivity or by pressing **SET/MANU** until you return to the main screen.

6.2 Rain Delay Function

The rain delay function allows you to temporarily pause your watering schedule to avoid overwatering during rainy periods, saving water and protecting your plants.



Figure 5: The timer's display indicating the Rain Delay function, allowing users to skip watering for a period of 1 to 7 days.

1. From the main screen, press and hold the**OK** button for 3 seconds. The 'RAIN DELAY' indicator will appear.

2. Use the **OK** button to select the desired delay duration (1 to 7 days).
3. Press **SET/MANU** to confirm the rain delay. The timer will resume its automatic schedule after the selected delay period.
4. To cancel rain delay, press and hold **OK** again until 'RAIN DELAY' disappears.

6.3 Manual Watering Mode

Use manual mode for immediate, unscheduled watering without affecting your programmed schedule.

1. From the main screen, press the **SET/MANU** button once briefly. 'MANUAL' will appear on the screen.
2. Use the **OK** button to set the desired manual watering duration (e.g., 5 minutes, 10 minutes).
3. Press **SET/MANU** again to start manual watering. The timer will begin watering immediately for the set duration.
4. To stop manual watering prematurely, press **SET/MANU** once more.

7. Maintenance

- **Clean the Filter:** Periodically check and clean the metal filter located in the water inlet to prevent debris from clogging the timer. Remove the timer from the faucet, take out the filter, rinse it under running water, and reinsert.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen to ensure continuous operation and prevent the valve from auto-shutting off unexpectedly.
- **Winter Storage:** Before the first frost, remove the timer from the faucet, drain any remaining water, remove the batteries, and store the unit indoors in a dry, frost-free location.

8. Troubleshooting

Problem	Possible Cause	Solution
Timer not watering	Low battery; Faucet off; Incorrect program; Water pressure too low.	Replace batteries; Turn on faucet; Check program settings (start time, duration, frequency); Ensure adequate water pressure.
Water leakage from connections	Loose connection; Damaged washer/O-ring; Debris in connection.	Tighten connections; Check and replace washer/O-ring if damaged; Clean debris from threads and filter.
Display is blank or dim	Dead or low batteries.	Replace with new AA alkaline batteries.
Timer drains batteries quickly	Poor quality batteries; Extreme temperatures; Faulty unit.	Use high-quality alkaline batteries; Avoid direct sunlight exposure; If problem persists, contact support.

9. Specifications

- **Brand:** IPOW
- **Model Number:** WT-003

- **Watering Duration:** 1 minute to 24 hours
- **Watering Frequency:** Every 1 to 30 days
- **Rain Delay:** 1 to 7 days
- **Water Pressure Range:** Up to 116 PSI (Max)
- **Waterproof Rating:** IP65
- **Power Source:** 2 x AA Alkaline Batteries (not included)
- **Color:** Green

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase.

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