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Winbomgo DRIP03

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Model: DRIP03

1. PRODUCT OVERVIEW

The Winbomgo Automatic Watering System Water Timer is designed to automate plant watering, ensuring your garden remains flourishing with minimal effort. This system offers easy programming with three distinct modes to suit various watering needs, from daily routines to rain-delayed schedules and manual operation. Its low-power design ensures long battery life, requiring replacement only once a year.



Figure 1: Winbomgo Automatic Watering System Water Timer.

2. WHAT'S IN THE BOX

- Drip Irrigation System Timer

3. KEY FEATURES

- **Automatic Plant Watering:** Achieve fixed-time watering daily to maintain plant health.
- **Easy Programming:** Upgraded drip irrigation system allows programming in three simple steps with a single button, user-friendly for all ages.
- **Three Operating Modes:**
 - a. Mode 1: Automatic daily watering.
 - b. Mode 2: Delayed watering during rainy seasons (1, 2, or 3 days delay).
 - c. Mode 3: Manual watering system activation.
- **Advanced Low-Power System:** Very low energy consumption, requiring only one battery change per year.

- **Durable Components:** Sturdy drip irrigation kit with strong, resistant accessories and a hose with excellent pulling resistance, high-temperature resistance, flexibility, and good sealing.

Manual watering mode
I want to water my plants now?
Press the triangle button to turn on the watering system

The rainy season is here.
I need 1 day/2 days/3 days...
Not watering the plants?
Delayed watering patterns during rainy season

We need a set time every day.
To water my plants?
Setting up a watering schedule

Figure 2: The water timer display illustrating the three operational modes: automatic, rain delay, and manual.



Super Low Power Chip Battery replacement once a year

Figure 3: Illustration of the super low power chip and extended battery life, indicating approximately 365 days of operation on a single battery.



Figure 4: The water timer demonstrating its 100% waterproof capability, suitable for outdoor use.

4. SAFETY INFORMATION

Please read and understand all instructions before operating the device. Ensure proper installation to prevent water leakage or damage. Do not expose the device to extreme temperatures outside its operating range. Keep out of reach of children. Disconnect from water source during freezing temperatures to prevent damage.

5. SETUP GUIDE

5.1 Connecting the Water Timer

1. Attach the water timer securely to your outdoor faucet. Ensure the connection is tight to prevent leaks.
2. Connect the main 1/2" hose to the outlet of the water timer.

5.2 Assembling the Drip System

The system uses upgraded connectors that do not require heating for installation, simplifying the setup process.

1. Plan your irrigation layout, considering the placement of plants and the reach of the hoses.
2. Use the provided connectors (T-connectors, elbows, etc.) to branch off the 1/2" hose to 1/4" hoses as needed for individual plants or sections.
3. Insert the 1/4" hose firmly into the connectors. Ensure a snug fit to prevent disconnections.
4. Attach the drip emitters or spray nozzles to the ends of the 1/4" hoses, positioning them near the base of your plants.

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Video 1: Demonstration of connecting the drip irrigation system components, including hoses and emitters, highlighting the ease of installation without heating.



Figure 5: An example of the automatic watering system in operation, contributing to a lush garden environment.

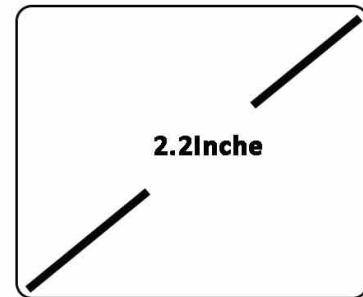
6. OPERATING MODES AND PROGRAMMING

The water timer features a large ergonomic screen for easy viewing and programming.



large screen Ergonomic

Show full watering schedule



Easy to program

How long

10s---1min /5min/10min...

How Often

12Hrs 1Days 2Days 3Days...

Figure 6: The large screen display of the water timer, showing options for setting watering duration ("How Long") and frequency ("How Often").

6.1 Programming Steps (General)

The upgraded system simplifies programming to three steps using a single button:

1. **Set Current Time:** Use the navigation buttons to adjust the current time displayed on the timer. Confirm with the OK button.
2. **Set Start Time:** Define when you want the watering cycle to begin.
3. **Set Watering Duration ("How Long"):** Choose the length of each watering session (e.g., 10 seconds to 10 minutes or more).
4. **Set Watering Frequency ("How Often"):** Select how often the system waters (e.g., every 12 hours, 1 day, 2 days, or 3 days).

6.2 Mode 1: Automatic Daily Watering

To set up regular automatic watering:

1. Follow the general programming steps to set your desired start time, duration, and frequency (e.g., every 1 day).

2. Ensure the timer is in automatic mode (usually indicated by a specific icon or setting on the screen).

6.3 Mode 2: Delayed Watering (Rain Delay)

To pause watering during rainy periods:

1. Press the "DELAY" button.
2. Select the desired delay period (1 day, 2 days, or 3 days). The system will pause watering for the selected duration and resume its programmed schedule afterward.

6.4 Mode 3: Manual Watering

To initiate watering immediately, outside of the programmed schedule:

1. Press the manual watering button (often indicated by a hand icon or a specific "ON/OFF" button with a short press function).
2. The system will begin watering. To stop manual watering, press the button again or wait for a default manual watering duration to complete.

7. MAINTENANCE

- **Battery Replacement:** The advanced low-power system typically requires battery replacement only once per year. When the battery indicator is low, replace the batteries promptly to ensure continuous operation.
- **Cleaning:** Periodically check and clean the filter screen at the water inlet to prevent debris from entering the timer and clogging the system.
- **Winterization:** Before the first frost, disconnect the timer from the faucet and drain all water from the unit and hoses. Store the timer indoors in a dry, frost-free location to prevent damage.
- **System Check:** Regularly inspect hoses and emitters for kinks, leaks, or clogs. Ensure all connections remain secure.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering	Low battery; Incorrect programming; Water supply off; Clogged filter.	Replace batteries; Re-program schedule; Turn on water supply; Clean inlet filter.
Water leakage from connections	Loose connections; Damaged O-ring/washer; Improper hose insertion.	Tighten connections; Check and replace O-ring/washer; Ensure hoses are fully inserted into connectors.
No water from emitters/sprinklers	Clogged emitters; Kinked hose; Low water pressure.	Clean or replace emitters; Straighten hose; Check water pressure at faucet.
Timer display is blank or dim	Dead or low batteries.	Replace batteries.

9. SPECIFICATIONS

- **Product Dimensions:** 2 x 5 x 6 inches; 14.4 ounces
- **Item Model Number:** DRIP03
- **Material:** Plastic
- **Style:** Drip Irrigation System Timer
- **Manufacturer:** Winbomgo1
- **Country of Origin:** China

10. WARRANTY AND SUPPORT

Winbomgo is committed to providing excellent service. If you encounter any difficulties setting up your watering schedule or have questions regarding the product, professional engineers are available to guide you. Please refer to your purchase documentation for specific warranty terms and contact information for support.