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DEWENWILS DHDWT02A

DEWENWILS Garden Irrigation Computer

Model: DHDWT02A

Product Overview

The DEWENWILS Garden Irrigation Computer is a programmable watering timer designed to automate your garden's watering schedule. It offers flexible programming options to ensure efficient and precise irrigation for various garden needs.



Image: The main unit of the DEWENWILS Garden Irrigation Computer, showing its display and control buttons.

Key Features:

- **Easy and Flexible Settings:** Up to 4 watering programs can be set per day, with 3 watering day methods: fixed watering days, every other day, or every 3rd day. Maximum watering time is 240 minutes.
- **Simple Installation:** Features a 1-inch inlet diameter with a supplied 1-inch to 3/4-inch connector. The outlet diameter is 3/4-inch. Operates on two 1.5V AA batteries (not included). No additional tools required for installation.
- **Waterproof and Rustproof:** Rubber rings are installed in each connector to prevent water leakage. The ABS plastic outlet is durable and rustproof. Max water pressure: 8 bar (120 psi).
- **Economical Design:** The Eco function creates a pause cycle, allowing the soil time to absorb water. The rain delay function can interrupt the watering program for up to 6 days.

- **Manual Watering:** During non-watering times, you can activate manual mode to start watering. The Eco function can also be activated in manual mode.



Image: The irrigation computer installed on a faucet in a garden setting, highlighting its key features: Waterproof, Multi-Mode, Rain Delay, and Easy Operation.

Setup and Installation

Follow these steps to properly set up your DEWENWILS Garden Irrigation Computer:

1. **Install Batteries:** Open the battery compartment on the back of the unit. Insert two 1.5V AA alkaline batteries. Ensure correct polarity. (Batteries are not included).
2. **Attach to Water Tap:** Screw the irrigation computer onto your outdoor water tap. If your tap has a different size, use the provided 1-inch to 3/4-inch adapter. Ensure a tight, leak-free connection.
3. **Connect Water Hose:** Attach your garden hose to the hose connection at the bottom of the irrigation computer.



Image: A visual guide showing the three main installation steps: inserting batteries, attaching the timer to the water tap, and connecting the garden hose.

Important Note: It is recommended to set your desired watering programs before connecting the device to the water tap.



Image: Illustrates the maximum water pressure (8 bar / 120 psi) and watering duration (1-240 minutes) capabilities, along with icons for Rain Delay and Eco-Function.



Image: Close-up of the top connector, indicating its 360-degree rotation capability for flexible installation.



Image: A view of the battery compartment, showing where two AA batteries are inserted for power.

Operating Instructions

The DEWENWILS irrigation computer features an intuitive display and controls for easy programming.



Image: A detailed view of the timer's display, with labels pointing to Weekday, Time, Watering Day, Water Cycle, Start Time, Duration, Eco-Function, and Program settings.

Programming Watering Cycles:

The device allows for up to 4 individual watering programs. Each program can be customized for start time, duration, and frequency.

- **Setting Time and Day:** Use the control buttons to set the current time and day of the week.
- **Defining Watering Days:** Choose from fixed days of the week, every other day, or every third day for your watering schedule.
- **Setting Start Time and Duration:** For each of the 4 programs, specify the desired start time and how long the watering should last (from 1 to 240 minutes).



Image: Demonstrates how four individual watering programs can run simultaneously without interference, showing different watering scenarios like sprinklers, drip irrigation, manual hose watering, and an ECO-mode cycle.

Special Functions:

- **Eco Function:** This feature introduces short pause cycles during watering to allow water to better penetrate the soil, reducing runoff and water waste.
- **Rain Delay:** If rain is expected or has occurred, you can activate the rain delay function to pause scheduled watering for up to 6 days, conserving water.
- **Manual Watering:** To water outside of your programmed schedule, activate the manual mode. You can also use the Eco function during manual watering.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your irrigation computer:

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth to remove dirt and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Descaling:** If you live in an area with hard water, mineral deposits can accumulate inside the unit, potentially affecting valve operation. If you notice reduced water flow or the valve sticking, carefully disassemble the unit (refer to diagrams if available) and descale internal components using a mild descaling solution or vinegar. Rinse thoroughly before reassembly.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display, or at the beginning of each watering season to ensure reliable operation.
- **Winter Storage:** Before the first frost, disconnect the irrigation computer from the tap and hose. Drain any remaining water from the unit and store it indoors in a dry, frost-free location.

Troubleshooting

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
No water flow or valve stuck closed.	Low water pressure, mineral buildup, or valve malfunction.	Check water tap is fully open. Inspect for mineral buildup and descale if necessary (refer to Maintenance section). Ensure sufficient water pressure from your source.
Timer not turning on or display is blank.	Dead or incorrectly installed batteries.	Replace batteries with fresh 1.5V AA alkaline batteries. Check battery polarity.
Water leakage from connections.	Loose connections or damaged rubber rings.	Ensure all connections (tap, hose) are tightened securely. Check rubber rings (gaskets) for damage and replace if necessary.
Programs not running as scheduled.	Incorrect programming, rain delay active, or low batteries.	Review your programmed settings (start times, durations, watering days). Check if the rain delay function is active. Replace batteries.

If the problem persists after trying these solutions, please contact customer support.

Specifications



Image: Diagram showing the dimensions of the irrigation computer: approximately 17.5 cm (height) x 13.9 cm (width) x 10.2 cm (depth).

Attribute	Value
Brand	DEWENWILS
Model Number	DHDWT02A
Color	Black
Material	Plastic
Item Weight	420 grams
Package Dimensions	17.5 x 13.9 x 10.2 cm

Attribute	Value
Inlet Diameter	1 inch (with 3/4 inch adapter)
Outlet Diameter	3/4 inch
Max Water Pressure	8 bar (120 psi)
Watering Duration	1 - 240 minutes
Power Source	2 x 1.5V AA Batteries (not included)
Number of Programs	4

Warranty Information

Specific warranty details for this product are not provided in the available information. Please refer to the manufacturer's official website or contact their customer service for comprehensive warranty terms and conditions.

Customer Support

For further assistance, technical support, or inquiries regarding your DEWENWILS Garden Irrigation Computer, please contact DEWENWILS customer service through their official channels. Contact information can typically be found on the product packaging or the manufacturer's website.

You may also visit the product page on Amazon for additional information and seller contact details.

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