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DEWENWILS B0CQP164N4

DEWENWILS Programmable Sprinkler Timer User Manual

Model: B0CQP164N4

1. Introduction

Thank you for choosing the DEWENWILS 2-Zone Programmable Sprinkler Timer. This device is designed to automate your garden, lawn, and irrigation systems, providing precise and flexible watering schedules. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.



Image: Front view of the DEWENWILS 2-Zone Programmable Sprinkler Timer, showing its display and dual outlets.

2. Product Features

- **Dual Zone Control:** Two independent zones (A and B) allow for separate programming of start time, watering duration (1 second - 99 minutes), and watering frequency (every 1 hour - 15 days).
- **Easy-to-Read Display:** Features a 2.8-inch screen clearly showing watering time, battery level, and other

details.

- **User-Friendly Interface:** Equipped with 7 intuitive buttons for quick and easy setup.
- **Durable Construction:** Built with a durable brass inlet and an ABS plastic shell, offering sun-proof and IP54 waterproof protection for outdoor use. Withstands up to 120 psi water pressure.
- **Multi-Mode Operation:** Includes Automatic, Manual, and Rain Delay modes to suit various watering needs.
- **Child Lock Function:** Prevents accidental changes to programmed settings.
- **Energy Saving:** Automatically enters sleep mode after 25 seconds of inactivity.
- **Low Battery Shut-off:** Valve automatically shuts off if battery power is low to prevent continuous watering.



Image: An aerial view showing a lawn with two distinct watering zones (Zone A and Zone B) being independently watered by the timer.



Image: Close-up of the timer's large LCD screen and control buttons, highlighting its ease of use.



Image: Diagram showing the internal components related to durability, including the brass connector and the sealed battery pack.

3. Setup

1. **Install Batteries:** Open the battery compartment on the back of the timer. Insert two (2) 1.5V AA alkaline batteries (not included), ensuring correct polarity. Close the compartment securely.
2. **Prepare Faucet:** Ensure your outdoor faucet is clean and free of debris. For a tighter seal, you may wrap the included adhesive tape (Teflon tape) around the faucet threads.
3. **Attach Timer:** Screw the timer onto your outdoor faucet. Hand-tighten first, then use a wrench if necessary,

but do not overtighten. The brass inlet ensures a secure, leak-proof connection.

4. **Connect Hoses:** Attach your garden hoses to the two outlets (Zone A and Zone B) at the bottom of the timer. Ensure these connections are also tight to prevent leaks.
5. **Open Faucet:** Fully open your outdoor faucet. The timer will control the water flow.



Image: A four-panel graphic illustrating the setup process: 1) Inserting batteries, 2) Easy programming, 3) Fast installation onto a faucet, and 4) Running the schedule with hoses connected.

4. Operating Instructions

The timer features a large LCD screen and 7 buttons for easy programming. Use the 'OK/SET' button to confirm selections and navigate, 'ESC/OFF' to go back or turn off, and '+' / '-' to adjust values. The 'NOW A/B' button switches between programming Zone A and Zone B.

4.1 Setting Current Time

1. Press 'OK/SET' to enter time setting mode.
2. Use '+' / '-' to set the current hour, then press 'OK/SET'.
3. Repeat for minutes.

4.2 Programming Watering Schedule (Automatic Mode)

Each zone (A and B) can be programmed independently.

1. Press 'NOW A/B' to select the zone you wish to program (A or B).
2. Press 'OK/SET' to enter programming mode.
3. **Set Start Time:** Use '+' / '-' to set the desired start time for watering. Press 'OK/SET'.
4. **Set Watering Duration:** Use '+' / '-' to set how long you want to water (from 1 second to 99 minutes). Press 'OK/SET'.
5. **Set Watering Frequency:** Use '+' / '-' to set how often watering occurs (from every 1 hour to 15 days). Press 'OK/SET'.
6. The program is now set for the selected zone. Repeat for the other zone if desired.



Image: A visual representation of the automatic watering settings, showing sliders for 'How Long' (1 sec - 360 min) and 'How Often' (1 Hour - 15 Day).

4.3 Manual Watering Mode

This mode allows for temporary watering without affecting your preset automatic programs.

1. Press the 'OK/SET' button (with the gear icon) to activate manual mode.
2. Use '+' / '-' to set the desired manual watering duration.
3. Press 'OK/SET' to start manual watering.
4. To stop manual watering, press 'ESC/OFF'.



Image: A scene depicting a father and child watering plants with a hose, illustrating the convenience of the manual watering mode.

4.4 Rain Delay Mode

This feature helps conserve water by pausing your watering schedule during rainy periods.

1. Press the 'DELAY' button.
2. Use '+' / '-' to select the duration of the rain delay (e.g., 24 hours, 48 hours, 72 hours).
3. Press 'OK/SET' to confirm. The timer will pause watering for the selected period and resume the programmed schedule afterward.

4.5 Child Lock Function

To prevent accidental changes to your settings, activate the child lock.

1. Press and hold the 'OK/SET' button (with the lock icon) for 3 seconds until a lock icon appears on the screen.
2. To unlock, press and hold the 'OK/SET' button again for 3 seconds until the lock icon disappears.



Image: A composite image showing the timer connected to a faucet, with three smaller images illustrating Auto Mode (sprinkler), Manual Mode (person watering with hose), and Delay Mode (lush plants).

5. Maintenance

- **Battery Replacement:** When the battery indicator on the screen shows low power, replace the batteries promptly. The valve will automatically shut off if the battery is critically low to prevent continuous water flow.
- **Cleaning:** Periodically check the inlet filter for debris and clean it if necessary to maintain optimal water flow. Wipe the exterior with a damp cloth; do not use abrasive cleaners.
- **Winter Storage:** Before the first frost, disconnect the timer from the faucet and hoses. Drain any remaining water from the unit. Store the timer indoors in a dry, frost-free location. Remove batteries if storing for an extended period.
- **Water Pressure:** Ensure your water pressure does not exceed 120 psi to prevent damage to the timer.

6. Troubleshooting

Problem	Possible Cause	Solution
Timer is not watering.	Low batteries; Faucet is off; Incorrect programming; Rain delay active.	Replace batteries; Ensure faucet is fully open; Check and adjust programming; Deactivate rain delay.
Water is leaking from connections.	Loose connection; Missing or damaged washer; Insufficient Teflon tape.	Tighten connections; Check and replace washers; Apply more Teflon tape to threads.
Display is blank or dim.	Dead or low batteries.	Replace batteries with new 1.5V AA alkaline batteries.
Timer not responding to button presses.	Child lock is active; Unit malfunction.	Deactivate child lock (press and hold OK/SET); If problem persists, try resetting by removing and reinserting batteries.

7. Specifications

Brand: DEWENWILS

Model: B0CQP164N4

Color: Gray

Material: Acrylonitrile Butadiene Styrene (ABS)

Product Dimensions: 2.17"D x 4.72"W x 4.8"H

Number of Settings: 8 (referring to programming options)

Screen Size: 2.8 Inches

Item Weight: 1.1 pounds

Power Source: 2 x 1.5V AA batteries (not included)

Water Pressure Range: Up to 120 psi

Waterproof Rating: IP54

8. Warranty & Support

This DEWENWILS product is FCC listed, ensuring safety and quality standards. For any questions, technical support, or warranty inquiries, please contact DEWENWILS customer service. Refer to the product packaging or the official DEWENWILS website for the most current contact information.
You can also visit the official DEWENWILS store on Amazon for more information and products:DEWENWILS Amazon Store

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