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Aqualin YL21177

Aqualin Water Timer Garden Irrigation Hose Timer User Manual

Model: YL21177

PRODUCT OVERVIEW

The Aqualin Water Timer is an advanced irrigation system designed for efficient and automated watering of lawns, gardens, and pools. It features three independent irrigation programs, rain delay functionality, and a manual watering mode, providing flexible control over your watering schedule. Its durable and waterproof design ensures reliable performance in various outdoor conditions.



Figure 1: Front view of the Aqualin Water Timer, showing the large LCD display, rotary dial, and control buttons.

Key Features:

- **3 Independent Irrigation Programs:** Customize watering schedules with distinct start times, durations (1 to 360 minutes), and frequencies (1 hour to 15 days).
- **Waterproof and Durable Design:** Constructed with waterproof materials and a sealed battery cover to prevent

internal leakage. Features a sturdy metal thread connection.

- **Easy-to-Use Interface:** Large LCD screen for clear display of watering information and intuitive controls for programming.
- **Rain Delay Mode:** Pause scheduled watering for 6, 12 hours, or 1-7 days to conserve water during rainfall.
- **Manual Mode:** Allows for on-demand watering without affecting programmed schedules.
- **Intelligent Timing System:** Built-in solenoid valve for precise and stable program execution.

SETUP

1. Unboxing and Components

Carefully remove the Aqualin Water Timer from its packaging. Ensure all components are present. The main unit includes the timer body, an integrated metal filter, and a connection nut.



Figure 2: The Aqualin Water Timer highlighting the built-in metal filter for durability and the easy-to-operate rotary dial.

2. Battery Installation

1. Locate the battery compartment on the back of the timer.
2. Open the sealed battery cover.
3. Insert two (2) AA 1.5V batteries (not included) into the compartment, ensuring correct polarity (+/-).
4. Securely close the battery cover to maintain its waterproof seal.

3. Installation to Faucet

1. Ensure your outdoor faucet is turned off.
2. Thread the Aqualin Water Timer onto your standard outdoor faucet. The top connection features a durable metal thread for a secure fit.
3. Tighten the connection by hand until snug. Avoid over-tightening.
4. Connect your garden hose to the bottom outlet of the water timer.
5. Slowly turn on your outdoor faucet. Check for any leaks at the connections.



Figure 3: The Aqualin Water Timer connected to a faucet, illustrating its large LCD display for easy reading, IPX5 waterproof rating, corrosion resistance, and tool-free installation.

4. Setting the Clock

1. Rotate the dial to the "SET CLOCK" position.
2. Use the "+" and "-" buttons to adjust the current time.
3. Press "OK" to confirm the setting and move to the next digit or exit the setting mode.

OPERATING INSTRUCTIONS

1. Understanding the Control Dial

The central rotary dial allows you to navigate through different settings and modes. The available positions are:

- **OFF:** Turns off all watering programs.
- **RUN:** Activates the programmed watering schedules.
- **SET CLOCK:** Used to set the current time.
- **START TIME:** Sets the beginning time for a watering program.
- **HOW LONG:** Sets the duration of watering.
- **HOW OFTEN:** Sets the frequency of watering.
- **RAIN DELAY:** Activates the rain delay function.

2. Programming Irrigation Schedules (P1, P2, P3)

The Aqualin Water Timer supports three independent programs (P1, P2, P3). Each program can be configured with its own start time, duration, and frequency.



Figure 4: Display illustrating the settings for Start Time (00:00-23:59), How Often (1 hour-23 hours or 1 day-15 days), and How Long (1 minute-360 minutes) for the automatic watering cycles.

1. **Select Program:** While in "RUN" mode, press the "OK" button repeatedly to cycle through P1, P2, P3. The active program will be displayed on the LCD.
2. **Set Start Time:**
 - Rotate the dial to "START TIME".
 - Use "+" and "-" buttons to set the desired start time for the selected program.
 - Press "OK" to confirm.
3. **Set Watering Duration ("HOW LONG"):**
 - Rotate the dial to "HOW LONG".
 - Use "+" and "-" buttons to set the watering duration from 1 minute to 360 minutes.
 - Press "OK" to confirm.
4. **Set Watering Frequency ("HOW OFTEN"):**

- Rotate the dial to "HOW OFTEN".
- Use "+" and "-" buttons to set the frequency: from 1 hour to 23 hours, or from 1 day to 15 days.
- Press "OK" to confirm.

5. After setting all parameters for a program, rotate the dial back to "RUN" to activate the schedule.

3. Rain Delay Mode

The rain delay feature allows you to temporarily pause your watering schedule to avoid overwatering during or after rainfall.



Figure 5: The Aqualin Water Timer displaying the rain delay function, which can be set for 6/12 hours or 1-7 days.

1. While the timer is in "RUN" mode, press the "+" button.
2. The display will show "DELAY". Use the "+" or "-" buttons to select the desired delay duration: 6 hours, 12 hours, or 1 to 7 days.
3. Press "OK" to confirm the rain delay. The timer will resume its schedule automatically after the delay period ends.

4. Manual Watering Mode

The manual mode allows for immediate, on-demand watering without interrupting your pre-programmed schedules.



Figure 6: A person using the manual watering feature with the Aqualin Water Timer, indicating that temporary water use does not alter automatic watering schedules. The watering duration can be set from 1 minute to 360 minutes.

1. While the timer is in "RUN" mode, press the "MANUAL" (OK) button.
2. The display will show the manual watering duration. Use the "+" and "-" buttons to adjust the desired manual watering time.
3. Press "OK" to start manual watering.
4. To stop manual watering prematurely, press the "MANUAL" (OK) button again.

MAINTENANCE

- **Cleaning:** Periodically wipe the exterior of the timer with a damp cloth to remove dirt and debris. Do not use abrasive cleaners.

- **Filter Cleaning:** The timer has a built-in metal filter. If water flow is reduced, unscrew the timer from the faucet, remove and clean the filter screen under running water. Reinstall the filter before reattaching the timer.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen. Always use fresh AA 1.5V alkaline batteries.
- **Winter Storage:** Before freezing temperatures, disconnect the timer from the faucet and hose. Remove the batteries. Store the timer indoors in a dry, frost-free location to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not turning on/LCD blank.	Dead or incorrectly installed batteries.	Replace with new AA 1.5V batteries, ensuring correct polarity.
No water flow or low water pressure.	Faucet not fully open. Timer filter clogged. Water pressure too low (below 14.5psi).	Fully open the faucet. Clean the built-in metal filter. Ensure adequate water pressure from your source.
Timer not watering at scheduled times.	Timer is in "OFF" mode. Rain delay is active. Incorrect program settings (start time, duration, frequency).	Rotate dial to "RUN". Check if rain delay is active and wait for it to expire or manually cancel. Review and adjust program settings (P1, P2, P3).
Water leaking from connections.	Loose connection or missing/damaged washer.	Ensure connections are hand-tight. Check and replace rubber washers if damaged.

SPECIFICATIONS

Feature	Detail
Brand	Aqualin
Model Number	YL21177
Material	Plastic (with metal thread connection)
Color	Gray
Product Dimensions (D x W x H)	2.56"D x 5.24"W x 5.91"H
Item Weight	357 Grams (12.6 ounces)
Water Pressure Range	14.5 psi to 116 psi
Power Source	2 x AA 1.5V Batteries (not included)
Watering Duration	1 minute to 360 minutes
Watering Frequency	1 hour to 15 days
Rain Delay Options	6 hours, 12 hours, 1-7 days

Feature	Detail
Waterproof Rating	IPX5 (implied from "IPX5 Waterproff" image)

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the retailer where the product was acquired. You may also visit the official Aqualin website for further assistance.

Note: No official product videos from the seller were found in the provided data.