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MOES YZD01

MOES Sprinkler Timer Instruction Manual

Model: YZD01



Image: Front view of the MOES Sprinkler Timer, showing the LCD display, control dial, and brass inlet/outlet.

1. Introduction

Thank you for choosing the MOES Sprinkler Timer. This automatic irrigation controller is designed to simplify your watering tasks for gardens, lawns, and hose systems. Featuring a durable brass inlet and outlet, programmable schedules, rain delay, and manual watering options, this timer ensures efficient and precise water management.

Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your device.

2. Product Features

- **Durable Brass Inlet & Outlet:** Reinforced brass construction for superior leak resistance, durability, and corrosion protection.
- **Smart Rain Delay Function:** Automatically pauses watering schedules based on weather conditions to prevent overwatering and conserve water.
- **Manual Watering Mode:** Allows instant watering without disrupting preset programs for immediate irrigation needs.
- **Easy Operation:** Large LCD screen and user-friendly control panel for intuitive and hassle-free programming.
- **Wide Compatibility:** Connects easily to standard 3/4-inch faucets, suitable for gardens, lawns, greenhouses, and hose systems.
- **IP55 Waterproof Performance:** Effectively resists rain and dust intrusion, extending service life.
- **Low Battery Reminder:** Indicator light reminds when the battery is low, ensuring timely replacement.
- **Child Lock Design:** Supports setting of child lock, effectively preventing children from accidentally touching.

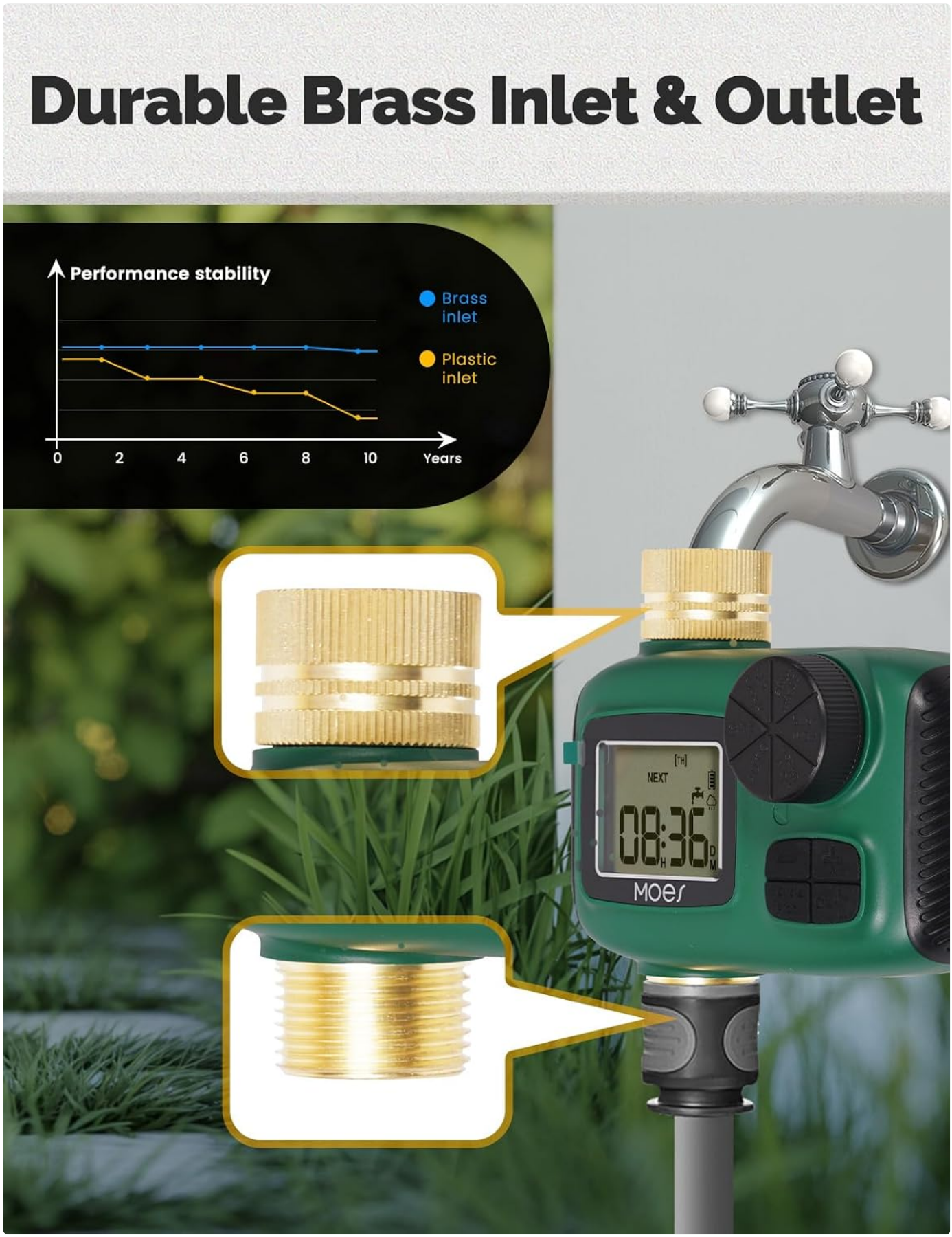


Image: Detailed view highlighting the durable brass inlet and outlet connections of the sprinkler timer.



Image: Overview of the MOES 1-Outlet Water Timer, showcasing its key features through illustrative icons.

3. Setup and Installation

3.1 Battery Installation

The MOES Sprinkler Timer requires 2x AA alkaline batteries (not included). Ensure batteries are inserted with correct polarity.

1. Locate the battery compartment on the back of the timer.
2. Open the battery cover.
3. Insert two AA alkaline batteries, observing the (+) and (-) markings.
4. Close the battery cover securely to ensure waterproof sealing.



Image: View of the timer's battery compartment, indicating the need for two AA batteries and highlighting the 180-day battery life.

3.2 Connecting the Timer

The timer is designed for easy, tool-free installation.

1. Ensure your outdoor faucet is turned off.
2. Screw the brass inlet of the timer onto your standard 3/4-inch outdoor faucet. Hand-tighten only.
3. Connect your garden hose or irrigation system to the outlet of the timer. Hand-tighten only.
4. Turn on your outdoor faucet. The timer is now ready for programming.

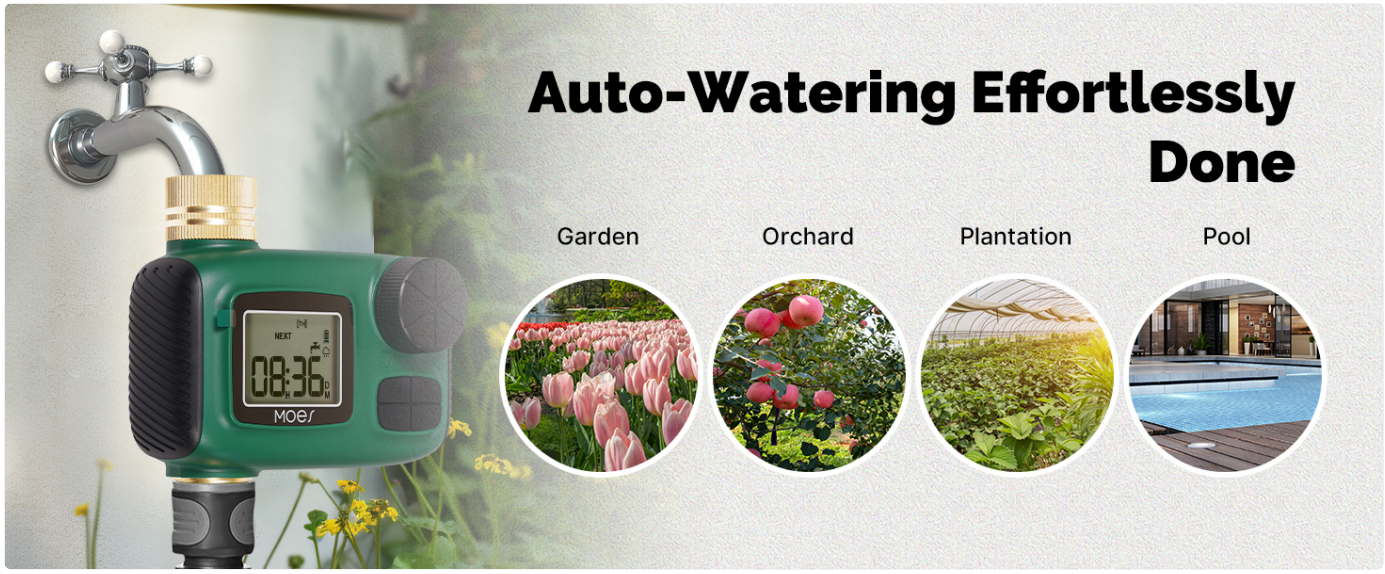


Image: Features illustrating the ease of programming, including the 360-degree rotatable connector, built-in filter, long battery life, and leakage hole.

4. Operating Instructions

The control dial allows you to navigate through different settings. Rotate the dial to select a function, and use the '+' and '-' buttons to adjust values. Press 'OK' to confirm.

4.1 Setting the Clock

1. Rotate the dial to 'SET CLOCK'.
2. Use '+' and '-' to set the current time (hour and minute).
3. Press 'OK' to confirm.

4.2 Programming Automatic Watering

This timer allows for precise daily watering times.

1. Rotate the dial to 'START TIME'. Use '+' and '-' to set the desired start time for watering. Press 'OK'.
2. Rotate the dial to 'HOW LONG'. Use '+' and '-' to set the watering duration (from 1 minute to 23 hours 59 minutes). Press 'OK'.
3. Rotate the dial to 'HOW OFTEN'. Use '+' and '-' to set the watering frequency (from every 1 day to every 7 days). Press 'OK'.
4. Rotate the dial to 'AUTO' to activate the programmed schedule.



Image: Display illustrating the timed watering options, including manual watering duration and automatic watering duration and frequency.

4.3 Manual Watering Mode

To water immediately without affecting your programmed schedule:

1. Rotate the dial to 'MANUAL'.
2. Use '+' and '-' to set the desired manual watering duration (e.g., 1 to 120 minutes).
3. Press 'OK' to start manual watering. The timer will automatically stop after the set duration.
4. To stop manual watering early, rotate the dial to 'OFF' or press 'OK' again.



Image: The timer displaying the manual watering mode, allowing users to set a specific duration for immediate watering.

4.4 Rain Delay Function

The rain delay function allows you to pause your watering schedule for a set period, preventing overwatering during rainy weather.

1. While in 'AUTO' mode, press and hold the '+' button for 5 seconds to activate the rain delay.
2. The display will show the delay duration (e.g., 24H, 48H, 72H). Use '+' and '-' to select the desired delay period.
3. Press 'OK' to confirm the rain delay. The timer will resume its schedule automatically after the delay period.
4. To cancel rain delay, press and hold the '+' button for 5 seconds again.

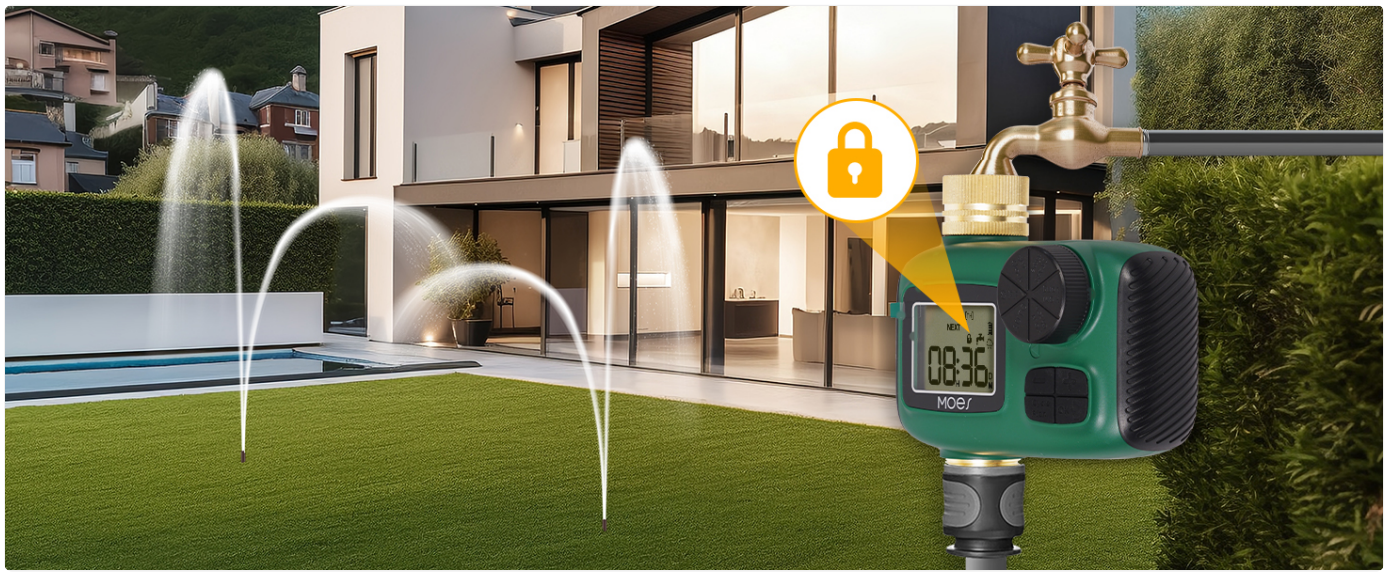


Image: The timer's display indicating the rain delay mode, with a visual representation of how watering schedules are paused during rainy periods.

4.5 Child Lock Function

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

1. While in 'AUTO' mode, press and hold the 'OK' button for 5 seconds to activate the child lock. A lock icon will appear on the display.
2. To deactivate, press and hold the 'OK' button for 5 seconds again. The lock icon will disappear.



Image: The sprinkler timer displaying a lock icon, signifying that the child lock feature is active to prevent unintended adjustments.

5. Maintenance

5.1 Battery Replacement

When the low battery indicator appears on the LCD screen, replace the batteries promptly to ensure continuous operation.

1. Turn off the water supply to the timer.
2. Remove the timer from the faucet.
3. Open the battery compartment and replace the old batteries with new AA alkaline batteries.
4. Securely close the battery compartment and reattach the timer to the faucet.



Image: The timer's display showing a low battery icon, indicating that the batteries need to be replaced soon.

5.2 Cleaning

Periodically check the filter washer at the inlet for debris. Clean if necessary to prevent blockages and ensure proper water flow.

- Remove the timer from the faucet.
- Carefully remove the filter washer from the inlet.

- Rinse the filter under running water to remove any accumulated dirt or particles.
- Reinsert the clean filter washer and reattach the timer.

6. Troubleshooting

- **Timer not turning on:** Check battery installation and ensure batteries are new and correctly inserted.
- **No water flow:** Ensure the faucet is fully open. Check the filter washer for blockages. Verify that the watering duration is set correctly and the timer is in 'AUTO' mode.
- **Water leaking from connections:** Ensure all connections are hand-tightened. Check if the rubber washers are properly seated and not damaged.
- **Program not running:** Ensure the timer is set to 'AUTO' mode. Verify that the start time, duration, and frequency are correctly programmed. Check battery level.
- **Display is blank or dim:** Replace batteries.

7. Technical Specifications



Image: Technical drawing illustrating the precise dimensions of the MOES Sprinkler Timer.

Parameter	Value
Model Number	YZD01
Color	Green
Material	Brass, Polycarbonate
Product Dimensions	2"D x 4"W x 4"H (approx. 112mm H x 119mm W x 61mm D)
Item Weight	4.8 ounces
Number of Settings	4 (referring to main dial positions)
Water Duration	OFF, 0H01M - 23H59M
Watering Frequency	Sunday to Saturday / 1 day to 7 days
Working Pressure	0.5-8bar (7.25psi - 116psi)
Thread	For taps with 3/4"
Working Temperature	4.5°C - 45°C (40.1°F - 113°F)
Battery Power	2x AA Alkaline batteries (Do not use rechargeable batteries)
Waterproof Rating	IP55



1. Timed watering: Button setting, precise control of daily watering time, no need for smart device intervention.

2. Child lock design: Supports setting of child lock, effectively preventing children from accidentally touching, safe and reliable.

3. Low battery reminder: The indicator light reminds when the battery is low, ensuring timely replacement of batteries.

4. IP55 waterproof rating: Effectively resists rain and dust intrusion, extending service life.

5. Brass water inlet: The water inlet is made of high-quality brass, which is corrosion-resistant and durable to ensure water quality safety.



Technical Specifications:

Water Duration:	OFF, 0H01M~23H59M
Watering Frequency:	Sunday to Saturday/1 days to 7 days
Working Pressure:	0.5–8bar (7.25psi – 116psi)
Thread:	For taps with 3/4”
Working Temperature:	4.5 ℃–45 ℃ (40.1°F–113 °F)
Battery Power:	2x AA Alkaline batteries (Don’t use rechargeable batteries)
Waterproof:	IP55

Image: A visual summary of the MOES Sprinkler Timer's technical specifications, including operational parameters and physical characteristics.

8. Warranty and Support

MOES provides 3 years of product support for this sprinkler timer, ensuring long-term performance and customer satisfaction.

For any questions, technical assistance, or warranty claims, please contact MOES customer support through the retailer where the product was purchased or visit the official MOES website.

Standard return policies typically allow returns within 30 days of purchase. Please refer to your purchase receipt or retailer's policy for specific details.

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Manufacturer: WENZHOU NOVA NEW ENERGY CO., LTD

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