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› [johgee](#) /

› [johgee Water Timer Digital Irrigation Timer User Manual](#)

johgee 322-1

johgee Water Timer Digital Irrigation Timer User Manual

Model: 322-1

INTRODUCTION

Thank you for choosing the johgee Water Timer. This digital irrigation timer is designed to automate your watering schedule, providing convenience and efficiency for your home gardening, small lawns, flower beds, and vertical green irrigation needs. It features a rainwater sensor, flexible programming, and both automatic and manual modes, all within a durable, waterproof design.

SAFETY INFORMATION

- This product is for outdoor use only. Horizontal or inverted installation is prohibited.
- Do not store the timer in environments with high concentrations of salt or sulfur in the air.
- When expecting freezing temperatures, remove the product from the hose faucet and store it indoors to prevent potential freeze damage.
- The product itself does not generate pressure; it utilizes the pressure of tap water. Ensure a sufficient tap water or pressurized water source for normal operation.
- Keep out of reach of children when not in use.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x johgee Irrigation Timer
- 1 x Rubber Rings (set)
- 1 x Tap Adapter
- 1 x Quick Connector
- 1 x Product Installation Instructions (this manual)
- 2 x 1.5V AA Batteries



Image showing the johgee Water Timer, its packaging box, and the included user manual.

PRODUCT OVERVIEW

Familiarize yourself with the components and display of your johgee Water Timer.



This image highlights key features of the water timer's display, including Current Time, Remaining Battery, First Watering Time, Next Irrigation Prompt, Watering Indicator, and controls for decreasing/increasing numbers, delay, and manual watering.



Waterproof black silicone layer
Prevent water from entering the motherboard



Rubber ring around
Protects the batteries inside

Detailed view of the johgee Water Timer showing its dimensions (12.5cm height, 5cm depth, 9cm width), construction materials (ABS + PC, 30% reinforced Nylon), IPX5 waterproof rating, and the internal battery compartment with a waterproof black silicone layer protecting the motherboard.

SETUP

- 1. Install Batteries:** Open the battery compartment on the back of the timer. Insert two 1.5V AA batteries, ensuring correct polarity. Close the compartment securely. The LCD screen will turn on.
- 2. Connect to Faucet:** Screw the timer onto your outdoor hose faucet (3/4 inch internal thread connection). Ensure the rubber rings are properly seated to prevent leaks.
- 3. Connect Hose:** Attach your garden hose to the water outlet at the bottom of the timer (3/4 inch external thread). Use the quick connector if needed.
- 4. Turn on Water:** Slowly turn on your faucet to full pressure. The timer is now ready for programming.

OPERATING INSTRUCTIONS

1. Setting Current Time

Use the large dial buttons to navigate and set the current time. The screen will automatically turn off after 30 seconds of inactivity to conserve power.

2. Programming Watering Schedule

The timer allows for flexible programming of watering duration and frequency.

- **Watering Duration:** Set from 1 second to 99 minutes.
- **Watering Frequency:** Set from 1 hour to 15 days.

Follow the on-screen prompts and use the dial buttons to adjust "HOW LONG" (duration) and "HOW OFTEN" (frequency).



This image illustrates the range of watering duration (1 second to 99 minutes) and watering frequency (1 hour to 15 days) that can be set on the johgee Water Timer, shown in a garden setting.

3. Manual Watering Mode

To water instantly without interrupting your programmed schedule:

- Press the manual watering button (often indicated by a water drop icon).
- Set the desired manual watering duration.
- Press OK to start. The timer will water for the set duration and then return to its programmed schedule.



Manual Watering Function

Manual watering without the programmed

An image demonstrating the manual watering function of the johgee Water Timer, allowing for immediate watering without affecting the pre-programmed schedule.

4. Rainwater Sensor Function (Rain Delay Mode)

The upgraded rainwater sensor chip detects rainfall and automatically delays your watering program to prevent overwatering.

- When rain is detected, the timer will automatically pause the scheduled irrigation.
- The "DELAY" icon will display on the screen, and the "NEXT START" time will update accordingly.
- Once the sensor chip dries naturally, the timer will automatically resume its programmed irrigation schedule.



This image shows the johgee Water Timer in "Rain Delay Mode," indicated by the "DELAY" icon on the screen, which automatically adjusts the next watering start time based on rainfall detection.

5. Child Lock Mode

To prevent unintended operation or water waste, activate the Child Lock mode.

- **Activate/Inactivate:** Long press the designated button (often indicated by a lock icon or the '+' and '-' buttons simultaneously) for 3 seconds.
- When activated, the timer's settings cannot be changed accidentally.



An image illustrating the Child Lock feature of the johgee Water Timer, which can be activated by a 3-second long press to prevent accidental changes to settings, ensuring safety around children.

6. Power Indicator

The intelligent power display reminds you to replace the batteries in time. The timer will automatically shut down before the batteries are completely empty to protect the device.

MAINTENANCE

- **Battery Replacement:** Replace batteries when the low power indicator appears on the screen. Always use two new 1.5V AA batteries.
- **Cleaning:** Wipe the exterior of the timer with a damp cloth. Do not use abrasive cleaners or submerge the unit in water.
- **Winter Storage:** Before freezing temperatures arrive, disconnect the timer from the faucet and hose. Remove the batteries and store the unit indoors in a dry, frost-free location.

- **Check Gaskets:** Periodically inspect the rubber rings and gaskets for wear and tear. Replace if damaged to ensure a watertight seal.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not turning on/LCD blank	Dead or incorrectly installed batteries.	Replace batteries with new 1.5V AA batteries, ensuring correct polarity.
No water flow	Faucet is off; low water pressure; timer valve stuck; child lock active.	Ensure faucet is fully open. Check water pressure. Deactivate child lock. If valve is stuck, try manual watering to cycle it.
Water leaking from connections	Loose connection; damaged rubber rings.	Tighten connections. Inspect and replace rubber rings if damaged.
Timer not watering at scheduled time	Incorrect program settings; rain sensor active; low battery.	Verify program settings (start time, duration, frequency). Check if rain sensor is wet. Check battery level.
Child lock cannot be deactivated	Incorrect button press duration.	Ensure you are long-pressing the correct button(s) for 3 seconds.


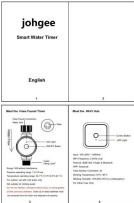




SPECIFICATIONS

Ingress Protection	IP65
Working Pressure	0.05 - 0.8 Mpa
Working Temperature	1°C - 45°C / 33.8°F - 113°F
Hose Tap Connection	3/4 inch Internal Thread
Water Outlet	3/4 inch External Thread
Suitable Water Temperature	0 - 40 degrees Celsius
Power Supply	2 x 1.5V AA Batteries (Included)
Watering Time Range	1 second - 59 seconds; 1 minute - 99 minutes
Watering Frequency Range	1 hour - 23 hours; 1 day - 15 days
Dimensions (LxWxH)	49 x 126 x 98 Millimeters
Item Weight	300 Grams
Material	Nylon (reinforced)
Model Number	322-1
UPC	607595064150

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your purchase or visit the official johgee website. Keep your purchase receipt for warranty claims.

Related Documents - 322-1

	<p>Johgee HCT-355 Water Timer User Manual and Warranty Information</p> <p>Comprehensive guide for the Johgee HCT-355 Water Timer, covering setup, programming, features, maintenance, troubleshooting, and warranty details. Learn how to use this flexible and precise irrigation timer for lawns, gardens, and more.</p>
	<p>Johgee Smart Water Timer User Manual</p> <p>User manual for the Johgee Smart Water Timer, detailing setup, features, and troubleshooting for both the Hose Faucet Timer and the Wi-Fi Hub. Includes instructions for app integration, manual watering, stop watering, and rain delay features.</p>
	<p>Johgee Salon Tray Cart Installation Instructions</p> <p>Detailed installation guide for the Johgee Salon Tray Cart, including parts list and step-by-step assembly instructions for this adjustable height rolling tray.</p>
	<p>RainPoint 1-Zone Water Timer User Manual (Model ITV105)</p> <p>Comprehensive user manual for the RainPoint ITV105 1-Zone Water Timer, detailing installation, programming, additional functions like Rain Delay and Manual Watering, troubleshooting, precautions, and warranty information.</p>
	<p>Orbit 1 Outlet Simple Watering Timer: User Guide and Programming Instructions</p> <p>A comprehensive guide to programming and using the Orbit 1 Outlet Simple Watering Timer, including features, installation, troubleshooting, and important warnings.</p>
	<p>Orbit 1 Dial 4 Outlet Hose Faucet Timer: Installation and Programming Guide</p> <p>A comprehensive guide to installing, programming, and using the Orbit 1 Dial 4 Outlet Hose Faucet Timer for efficient garden watering. Learn about timer features, setup, programming options, additional functions like rain delay and manual watering, and troubleshooting tips.</p>