

[Manuals.plus](#) /

› [Johgee](#) /

› Johgee 3-Outlet Digital Watering Timer (Model HCT-378-4T) Instruction Manual

Johgee HCT-378-4T

Johgee 3-Outlet Digital Watering Timer (Model HCT-378-4T) Instruction Manual

Model: HCT-378-4T | Brand: Johgee

1. INTRODUCTION

Thank you for choosing the Johgee 3-Outlet Digital Watering Timer. This device is designed to automate your garden irrigation, providing flexible and efficient watering for various applications. Featuring a durable brass inlet, three independent outlets, an LCD screen, and intelligent functions like rain delay and child lock, this timer ensures reliable performance. Please read this manual carefully before installation and operation to ensure proper use and longevity of your product.

Irrigation Computer 3 Outputs



Figure 1: Overview of the Johgee 3-Outlet Digital Watering Timer highlighting its key features.

2. KEY FEATURES

- **Premium Brass Water Inlet:** Equipped with new and improved pure brass and metal threads for excellent corrosion and wear resistance, capable of withstanding higher water pressure for extended durability.
- **Flexible Watering Settings:** Three independent valve outlets (A, B, C) allow for individual adjustment of start time, duration (1 second to 360 minutes), and frequency (1 hour to 23 hours, or 1 day to 15 days) to meet diverse watering needs.
- **Smart Watering System:** Features a manual mode for immediate watering without interrupting scheduled programs. Includes a rain delay function; press and hold the delay button for 3 seconds to postpone watering and conserve water during rainy conditions.
- **Easy Setup and Readability:** High-resolution LCD screen for clear display. The screen automatically enters sleep mode after 30 seconds of inactivity to save battery power.

- **IPX5 Waterproof and Leak-Free Design:** IPX5 rating ensures excellent resistance to rain and harsh weather. An upgraded aluminum alloy filter effectively prevents leaks caused by valve blockages, prolonging the system's lifespan.
- **Child Lock and Battery Operation:** Child safety function prevents accidental button presses. Powered by 2 x 1.5V AA batteries (not included), providing over 6 months of operation.

3. SETUP INSTRUCTIONS

3.1. Battery Installation

1. Locate the battery compartment on the back of the watering timer.
2. Open the battery cover.
3. Insert two (2) 1.5V AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely to maintain the IPX5 waterproof rating.



Figure 2: Setup steps including battery insertion, timer settings, and faucet connection.

3.2. Connecting the Timer

1. Ensure the faucet is turned off.
2. Screw the brass inlet of the watering timer onto your outdoor faucet. Hand-tighten only to prevent damage.
3. Connect your garden hoses or irrigation lines to the three independent outlets (A, B, C) at the bottom of the timer. Ensure a tight connection to prevent leaks.
4. Turn on the faucet. The timer is now ready for programming.

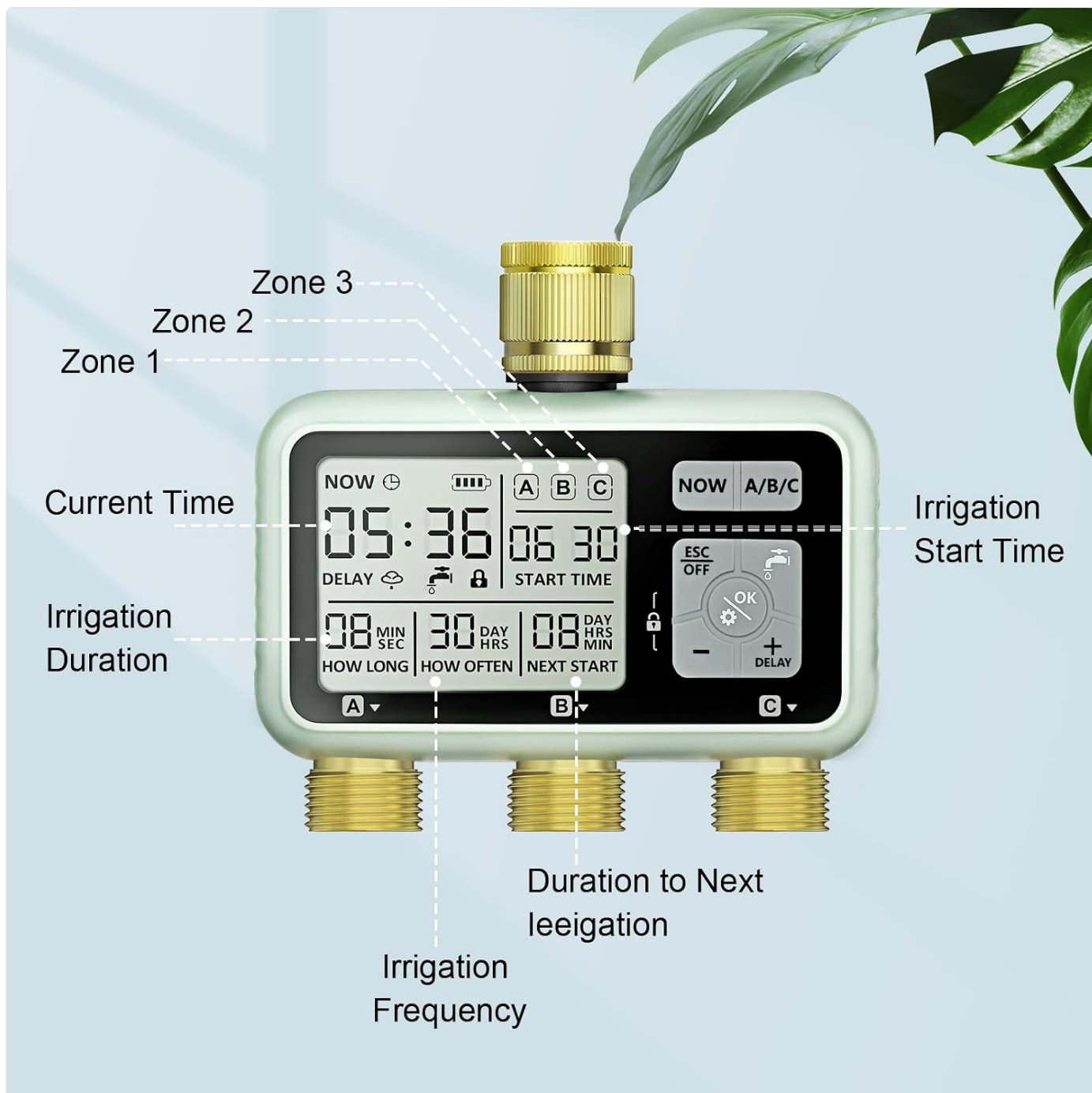


Figure 3: Detailed view of the timer's display and labeled components.

4. OPERATING INSTRUCTIONS

4.1. Setting Current Time

1. Press the **"NOW"** button to enter time setting mode.
2. Use the **"+"** and **"-"** buttons to adjust the hour and minute.
3. Press **"OK"** to confirm each setting.

4.2. Programming Watering Schedules (Zones A, B, C)

Each of the three outlets (A, B, C) can be programmed independently.

1. Select the desired zone (A, B, or C) by pressing the corresponding button **"A"**, **"B"**, or **"C"**.
2. **Set Start Time:** Press **"START TIME"** and use **"+"**/**"-"** to set the desired watering start time. Press **"OK"** to confirm.

3. **Set Watering Duration:** Press **"HOW LONG"** and use **"+"/"-"** to set the watering duration (from 1 second to 360 minutes). Press **"OK"** to confirm.
4. **Set Watering Frequency:** Press **"HOW OFTEN"** and use **"+"/"-"** to set the frequency (from 1 hour to 23 hours, or 1 day to 15 days). Press **"OK"** to confirm.
5. Repeat for other zones as needed.



Figure 4: Independent programming for multiple watering zones.

4.3. Manual Watering Mode

To manually water without affecting your programmed schedules:

1. Press the **"NOW A/B/C"** button.
2. Use **"+"/"-"** to set the desired manual watering duration.
3. Press **"OK"** to start manual watering. The timer will run for the set duration and then return to its programmed schedule.

4.4. Rain Delay Function

To temporarily pause scheduled watering during rainy periods:

1. Press and hold the **"DELAY"** button for 3 seconds.
2. The display will show the delay icon and the next scheduled start time will be updated.
3. To cancel the rain delay, press and hold the **"DELAY"** button again for 3 seconds.



Figure 5: Rain Delay mode activated on the watering timer.

4.5. Child Lock Function

To prevent accidental changes to settings:

1. Press and hold the **"OK"** button for 3 seconds to activate the child lock. A lock icon will appear on the screen.
2. To deactivate, press and hold the **"OK"** button again for 3 seconds.

5. MAINTENANCE

- **Battery Replacement:** Replace batteries when the low battery indicator appears on the LCD screen. Always use fresh 1.5V AA alkaline batteries.
- **Filter Cleaning:** Periodically check and clean the aluminum alloy filter located at the water inlet to prevent blockages and ensure optimal water flow.
- **Winter Storage:** Before the first frost, disconnect the watering timer from the faucet and store it indoors in a dry, frost-free location. Remove batteries before storage.
- **General Cleaning:** Wipe the exterior of the timer with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Durable & Waterproof

IPX5-rated waterproofing protects your irrigation plan



Durable aluminum alloy filter prevents leakage



Clear key panel makes setup simple



Battery cover with seal ring isolated moisture

Figure 6: Features contributing to durability and ease of maintenance, including the filter and battery compartment.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Timer not turning on/display blank.	Dead or incorrectly installed batteries.	Replace with fresh 1.5V AA batteries, ensuring correct polarity.
Water not flowing at scheduled time.	- Faucet is off. - Rain delay is active. - Low battery. - Incorrect program settings. - Child lock is active.	- Turn on the faucet. - Deactivate rain delay (hold DELAY for 3s). - Replace batteries. - Review and adjust program settings. - Deactivate child lock (hold OK for 3s).
Water leaking from connections.	- Loose connections. - Damaged O-rings/washers. - Clogged filter.	- Ensure all connections are hand-tight. - Check and replace O-rings/washers if damaged. - Clean the inlet filter.
Manual watering not working.	Child lock is active.	Deactivate child lock (hold OK for 3s).

7. SPECIFICATIONS

Feature	Detail
Model Number	HCT-378-4T
Brand	Johgee
Material	Acrylonitrile Butadiene Styrene (ABS), Nylon, Brass
Product Dimensions (L x W x H)	13.8 x 12.7 x 7.2 cm
Weight	720 grams
Water Outlets	3 independent outlets
Watering Duration	1 second to 360 minutes
Watering Frequency	1 hour to 23 hours, or 1 day to 15 days
Power Source	2 x 1.5V AA Alkaline Batteries (not included)
Waterproof Rating	IPX5
Country of Origin	China

8. WARRANTY INFORMATION

Johgee products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to your purchase documentation or contact customer support for specific warranty terms and duration.

The warranty does not cover damage caused by improper installation, misuse, neglect, unauthorized repairs, or normal wear and tear.

9. CUSTOMER SUPPORT

If you have any questions, encounter issues, or require technical assistance with your Johgee 3-Outlet Digital Watering Timer, please do not hesitate to contact our customer support team.

- **Contact Method:** Please refer to the contact information provided with your purchase or on the official Johgee website.
- **Before Contacting:** Have your model number (HCT-378-4T) and a description of the issue ready.

© 2023 Johgee. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question