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CROSOFMI HCT-311

CROSOFMI HCT-311 Automatic Watering Timer User Manual

Model: HCT-311 | Brand: CROSOFMI

INTRODUCTION

This manual provides comprehensive instructions for the CROSOFMI HCT-311 Automatic Watering Timer. Please read this guide carefully before installation and operation to ensure proper use and longevity of your device. This smart watering timer is designed to automate your garden irrigation, offering convenience and water efficiency.

MEET VERSATILE WATERING NEEDS



Image: The CROSFMI watering timer can be used for diverse watering applications, from lawns to drip irrigation systems.

PRODUCT OVERVIEW

Key Features:

- **Flexible Programming:** Watering duration from 1 second to 300 minutes, and frequency from 1 hour to 15 days.
- **Large Display:** 3-inch high-definition screen for easy reading.
- **Power Saving:** Screen automatically enters sleep mode after 30 seconds of inactivity.
- **Manual Mode:** Allows instant watering without interrupting scheduled programs.
- **Rain Delay:** Pause irrigation programs to prevent overwatering and conserve water during rainy periods.
- **Child Lock Mode:** Prevents accidental changes to settings.
- **Durable Design:** IP65 waterproof rating, reinforced nylon fiber connector, and aluminum alloy filter for enhanced longevity.
- **Easy Installation:** 360° rotating connector for tool-free attachment to 1/2 or 3/4 inch faucets.

Components Included:

- 1 x CROSOFMI Watering Timer
- 1 x Rubber Ring
- 1 x Faucet Adapter
- 1 x Quick Connector
- 1 x Installation Guide (this manual)



Image: Front view of the timer displaying its various indicators and control buttons.

SETUP INSTRUCTIONS

1. **Unpack:** Remove the watering timer and all accessories from the packaging. Verify all items are present.
2. **Install Batteries:** Open the battery compartment at the back of the timer. Insert two AA alkaline batteries (1.5V, not included) according to the '+' and '-' symbols. *Do not use lithium batteries.*
3. **Insert Rubber Seal:** Place the 3mm rubber ring into the connector. This helps prevent leaks.
4. **Attach Faucet Adapter (if needed):** Screw the black adapter into the connector. This adapter is for 1/2 inch faucets. For 3/4 inch faucets, no adapter is needed.
5. **Connect to Faucet:** Screw the top connector of the timer firmly onto your faucet. The 360° rotating connector allows for easy installation at any angle.

6. **Connect Hose:** Attach your garden hose to the water outlet at the bottom of the timer.

No tools required, easy to install

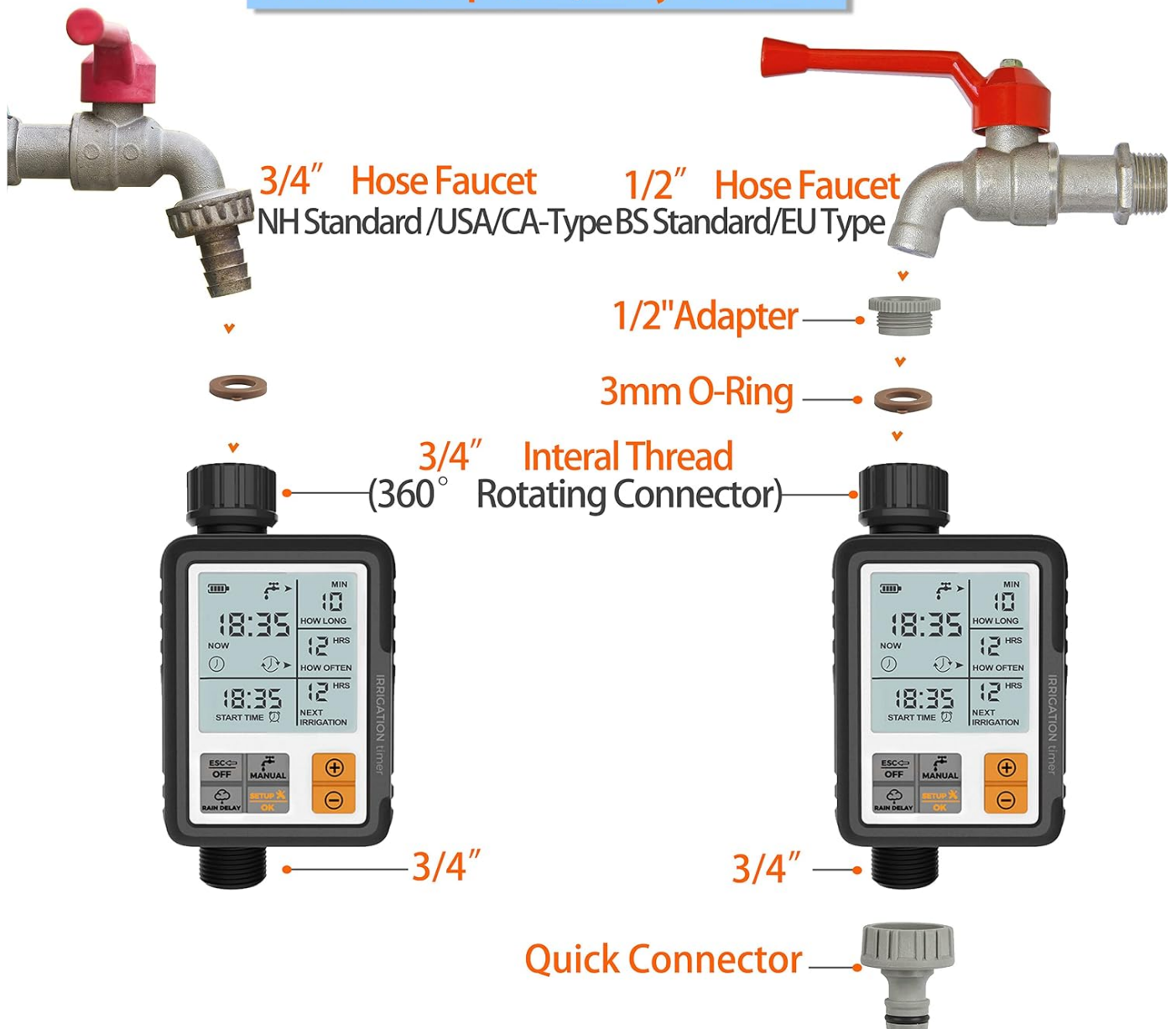


Image: Step-by-step installation guide for connecting the timer to different faucet sizes.

Important Precautions:

- Ensure the rubber ring is correctly installed to prevent water leakage.
- This watering unit is for outdoor use only. Install it vertically; horizontal or inverted installation is prohibited.
- Do not immerse the watering timer in water.
- Use only 1.5V AA alkaline batteries. Lithium batteries are prohibited.

OPERATING INSTRUCTIONS

The CROSOFMI HCT-311 timer offers automatic and manual watering modes, along with rain delay and child lock features.

Automatic Programming:

Use the 'SETUP' button to navigate through settings and the '+' and '-' buttons to adjust values. The large 3-inch screen

displays current time, watering duration, frequency, and next irrigation time.

1. **Set Current Time:** Press 'SETUP' until the time setting flashes. Adjust with '+' and '-'. Confirm with 'OK'.
2. **Set Start Time:** Navigate to 'START TIME'. Set your desired watering start time.
3. **Set Watering Duration ('HOW LONG'):** Navigate to 'HOW LONG'. Set the duration from 1 second to 300 minutes.
4. **Set Watering Frequency ('HOW OFTEN'):** Navigate to 'HOW OFTEN'. Set the interval from 1 hour to 15 days.
5. **Activate Program:** Ensure the timer is set to 'ON' or 'AUTO' mode.



The image shows a black digital irrigation timer mounted on a blue pipe. The timer's LCD screen displays the current time as 7:34, the start time as 8:35, and the next irrigation time as 1:00. It also shows the watering duration as 58 minutes and the frequency as 8 hours. The timer has several buttons: 'ESC OFF', 'MANUAL', 'RAIN DELAY', 'SETUP', and '+' and '-' buttons. A family is picnicking in the background, with a tent and a person on a bicycle visible.

Flexible Irrigation Programming

Watering Duration

1s 99min

Watering Frequency

1h 15day

*set to water and shut off automatically,
enjoy travel times without trepidations*

Image: The timer's flexible programming allows for customized watering schedules, enabling users to enjoy their time.

Manual Watering:

To water instantly without affecting your programmed schedule:

- Press the 'MANUAL' button.
- Adjust the desired manual watering duration using the '+' and '-' buttons.
- Press 'OK' to start manual watering.

- To stop manual watering, press 'MANUAL' again or 'OFF'.



Image: The manual watering feature allows for flexible, on-demand irrigation without disrupting programmed schedules.

Rain Delay Mode:

To pause your watering schedule during rainy weather:

- Press and hold the 'RAIN DELAY' button for 3 seconds.
- The display will show the rain delay duration. Adjust the delay period (e.g., 24h, 48h, 72h) using '+' and '-'.
- Press 'OK' to confirm. The timer will resume its schedule after the delay.
- To deactivate, press and hold 'RAIN DELAY' again for 3 seconds.

Child Lock Mode:

To prevent unintended changes to your settings:

- Press and hold the 'SETUP' button for 3 seconds to activate or deactivate the child lock.

- A lock icon will appear on the screen when activated.

USEFUL CHILD LOCK

Prevent unintended trigger and water waste



*Long press “RAIN DELAY”
for 3s to activate or deactivate*

Image: The child lock feature helps prevent accidental changes to the timer settings, ensuring uninterrupted watering schedules.

MAINTENANCE

- **Filter Cleaning:** The mesh filter prevents dirt particles from entering the timer and extends its lifespan. Regularly clean the filter and replace it if it shows signs of wear.
- **Battery Replacement:** When the battery indicator shows low power, replace both AA alkaline batteries promptly. Ensure the battery compartment is dry before inserting new batteries.
- **Winter Storage:** During freezing temperatures, remove the timer from the faucet and store it indoors to prevent damage.

Long-lasting durability

Waterproof

Ultraviolet-proof

Corrosion-proof



30% Reinforced Nylon Fiber Material



New waterproof battery cover design



Image: The timer's durable construction and waterproof battery cover contribute to its longevity and ease of maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Timer not watering	Low batteries; Incorrect program settings; Water pressure too low; Filter clogged.	Replace batteries; Check and adjust program settings; Ensure adequate water pressure; Clean the mesh filter.
Water leakage	Rubber ring not installed correctly or damaged; Loose connection to faucet or hose.	Ensure rubber ring is properly seated; Tighten all connections; Replace rubber ring if damaged.
Screen not displaying	Batteries dead or incorrectly inserted; Timer in sleep mode.	Replace batteries, ensuring correct polarity; Press any button to wake the screen from sleep mode.

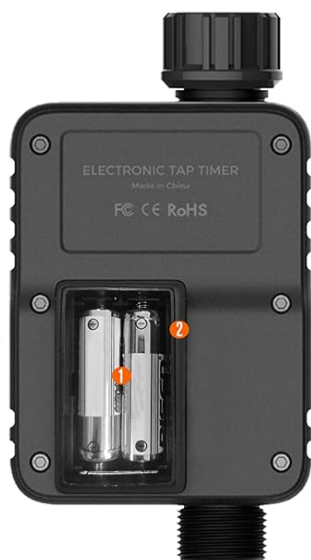
Problem	Possible Cause	Solution
Settings cannot be changed	Child Lock mode is active.	Deactivate Child Lock by long-pressing the 'SETUP' button for 3 seconds.

SPECIFICATIONS

Feature	Detail
Model Number	HCT-311
Brand	CROSOFMI
Watering Duration	1 second to 300 minutes
Watering Frequency	1 hour to 15 days
Power Source	2 x 1.5V AA Alkaline Batteries (not included)
Screen Size	3 inches
Material	Acrylonitrile Butadiene Styrene (ABS) plastic, aluminum
Waterproof Rating	IP65
Product Dimensions	21.08 x 12.7 x 5.33 cm (8.3 x 5 x 2.1 inches)
Item Weight	453.59 grams (1 pound)
Faucet Compatibility	1/2 inch and 3/4 inch (with adapter)
Smart Home Compatibility	No

STABLE OPERATION, ACCURATE TIMING

Using Crosfmi latest smart chip, frequency tolerance $\leq 0.00002s$, independent timing, system free, safe, stable, energy saving, reliable.



Power Supply:
2×1.5V "AA" Alkaline Batteries.



Thickness:
0.43Inch(11mm), waterproof,
safe and stable.

Image: The timer's internal components, including the smart chip and battery specifications.

WARRANTY AND SUPPORT

CROSOFMI offers a 30-day return policy for this product. If you have any questions, require after-sales service, or need technical support, please do not hesitate to contact us. Our team is ready to assist you.

For support, please refer to the contact information provided with your purchase or visit the official CROSOFMI website.

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