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XinFuture XF#HCT-M06G-3T

XinFuture 2-Way Irrigation Controller User Manual

Model: XF#HCT-M06G-3T

Introduction

Thank you for choosing the XinFuture 2-Way Irrigation Controller. This device is designed to simplify your garden and lawn watering tasks, offering both automatic and manual control with independent programming for two zones. Featuring a durable brass inlet and a clear LCD display, this controller ensures efficient and reliable irrigation. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your product.

Product Features

- **Large LCD Display:** A 3.4-inch LCD screen provides clear and readable information on irrigation time, frequency, and battery status.
- **Easy Programming:** Intuitive interface with 4 buttons and a rotary knob for convenient setting adjustments.
- **2 Independent Zones:** Allows separate programming for two distinct watering areas from a single tap.
- **Manual Mode:** Instantly activate watering for 1 minute to 8 hours for immediate needs.
- **Automatic Mode:** Schedule watering cycles for unattended operation, ideal for daily routines or vacations.
- **Rain Delay Function:** Pause scheduled watering for 24, 48, or 72 hours to conserve water during rainy periods.
- **100% Brass Inlet:** Enhanced durability and resistance to wear and high water pressure compared to plastic inlets.
- **IPX5 Waterproof Rating:** Designed to withstand outdoor conditions.

Setup

1. Unpacking and Battery Installation

Carefully remove the irrigation controller from its packaging. Locate the battery compartment on the back of the device. Insert the required batteries (not included) according to the polarity markings. Ensure the battery compartment cover is securely closed to maintain water resistance.

2. Connecting to Faucet

Attach the brass inlet of the irrigation controller to your outdoor faucet. The 360° rotatable connector allows for easy positioning. Ensure the connection is tight to prevent leaks. A fiber mesh filter is integrated into the inlet to prevent debris from entering the

system.



Image: The XinFuture irrigation controller connected to a faucet, showcasing its improved brass inlet for enhanced pressure and wear resistance.

3. Connecting Hoses to Outlets

Connect your garden hoses to the two independent outlets (Zone A and Zone B) at the bottom of the controller. Ensure these connections are also secure to prevent leaks.



Image: The irrigation controller with two hoses connected, illustrating its capability to manage two independent watering zones with separate settings.

4. Initial Power On

Once batteries are installed and connections are made, the LCD display should power on. If not, check battery installation. The display will show the current time and default settings.



Image: A close-up view of the controller's clear LCD display and simple programming interface, showing current time and irrigation intervals.

Operating Instructions

1. Setting Current Time

1. Turn the rotary knob to **SET CLOCK**.

2. Use the **+** and **-** buttons to adjust the hour and minute.
3. Press **OK/↵** to confirm each setting.

2. Manual Mode Operation

1. Turn the rotary knob to **ON**.
2. Select the desired zone (A or B) using the **A/B** button.
3. Press and hold the **OK/↵** button for a few seconds to activate manual watering.
4. Use the **+** and **-** buttons to set the desired watering duration (from 1 minute to 8 hours).
5. The watering will start immediately and run for the set duration. To stop manual watering, turn the knob to **OFF**.

3. Automatic Mode Programming

This controller allows separate programming for each zone (A and B).

1. Turn the rotary knob to **START TIME**. Use **+/-** to set the desired start time for Zone A. Press **OK/↵**. Repeat for Zone B.
2. Turn the rotary knob to **HOW LONG**. Use **+/-** to set the watering duration for Zone A (1 minute to 240 minutes). Press **OK/↵**. Repeat for Zone B.
3. Turn the rotary knob to **HOW OFTEN**. Use **+/-** to set the frequency for Zone A (e.g., every 1 hour to every 15 days). Press **OK/↵**. Repeat for Zone B.
4. Once all settings are complete, turn the knob to **ON** to activate the automatic program.



Image: The irrigation controller can be programmed for diverse needs, including sprinklers, car washing, pool filling, and drip irrigation, ensuring plants are watered even during vacations.

4. Rain Delay Function

To temporarily suspend the automatic watering program:

1. Ensure the knob is set to **ON**.
2. Press the **DELAY** button.

3. Use the **+** and **-** buttons to select the delay duration (24, 48, or 72 hours).
4. Press **OK**/↵ to confirm. The program will resume automatically after the selected delay period.



Image: The rain delay mode is shown on the controller, indicating options to pause watering for 1-23 hours or 1-15 days, helping to prevent over-irrigation and save water.

5. Deactivating an Unused Outlet

If you only need to use one outlet:

1. Select the zone (A or B) you wish to deactivate using the **A/B** button.
2. Turn the rotary knob to **START TIMER** (or any programming mode).
3. Press the **-** (DELAY) button repeatedly until **OFF** appears on the display for that specific zone.

MAINTENANCE

1. Battery Replacement

When the battery indicator on the LCD display shows low power, replace the batteries promptly. Open the battery compartment, remove old batteries, and insert new ones, ensuring correct polarity. Dispose of old batteries responsibly.

2. Cleaning the Filter

Periodically check the fiber mesh filter located in the brass inlet for any debris accumulation. Unscrew the controller from the faucet, remove the filter, rinse it under running water, and reinsert it. This prevents blockages and ensures optimal water flow.



Image: Detail of the controller's easy installation features, including the 360° rotatable brass connector and the fiber mesh filter, which improves durability and prevents clogs.

3. Winter Storage

Before the first frost, disconnect the irrigation controller from the faucet and hoses. Remove the batteries. Store the unit in a dry, frost-free location to prevent damage from freezing water.

Troubleshooting

Problem	Possible Cause	Solution
No water flow	Faucet is off; Filter is clogged; Hose kinked; Program not active.	Ensure faucet is fully open; Clean the inlet filter; Straighten hoses; Check program status and activate if necessary.
Timer not turning on	Dead batteries; Incorrect battery installation.	Replace batteries with new ones; Check battery polarity.
Incorrect watering schedule	Incorrect program settings; Rain delay active.	Review and adjust start time, duration, and frequency settings for each zone; Check if rain delay is active and wait for it to expire or deactivate it.
Leakage at connections	Loose connections; Worn washers.	Tighten all connections; Replace old or damaged rubber washers.
One outlet not closing (continuously flowing)	Valve stuck open (common on first use).	Activate and deactivate the problematic zone once through a short manual cycle (e.g., 1 minute). This should reset the valve.

Specifications

Feature	Detail
Model Number	XF#HCT-M06G-3T
Brand	XinFuture
Material	Brass (Inlet), Durable Plastic (Body)
Product Dimensions (D x W x H)	7 cm x 12.5 cm x 11.8 cm
Item Weight	420 Grams
Screen Size	3.4 Inches
Number of Outlets	2 Independent
Watering Duration	1 minute to 240 minutes (Automatic), 1 minute to 8 hours (Manual)
Watering Frequency	Every 1 hour to every 15 days
Rain Delay Options	24, 48, or 72 hours
Smart Home Compatibility	Not compatible with smart home systems
Country of Origin	China

Warranty and Support

XinFuture products are manufactured to high-quality standards. For specific warranty information, please refer to the product packaging or the retailer's terms of sale. If you encounter any issues or have questions regarding your XinFuture 2-Way Irrigation Controller, please contact our customer support. You can typically find contact details on the product packaging or the official XinFuture website.

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