XinFuture XFUS#HCT-378

XinFuture 3 Outlet Sprinkler Timer User Manual

Model: XFUS#HCT-378 | Brand: XinFuture

Product Overview

The XinFuture 3 Outlet Sprinkler Timer is a programmable digital irrigation controller designed for efficient and automated watering of multiple garden zones. It features three independent outlets, allowing for customized watering schedules for different areas. This device supports automatic, manual, and rain delay modes to meet diverse watering needs, making it ideal for various outdoor applications including gravity drip irrigation, garden hose watering, lawn sprinkler control, greenhouse mist systems, pool filling, and more.



Figure 1: XinFuture 3 Outlet Sprinkler Timer

Setup Guide

1. Unboxing and Components

Upon opening the package, verify that all components are present. The main unit, user manual, O-ring gasket, and PTFE tape should be included. The device requires 2 x AAA 1.5V alkaline batteries (not included).

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Video 1: Unboxing and overview of the XinFuture 3 Outlet Sprinkler Timer components.



Figure 2: Battery compartment and water inlet filter.

2. Battery Installation

1. Open the battery compartment cover located on the back of the timer.
2. Insert 2 new 1.5V 'AA' alkaline batteries, ensuring correct polarity (+/- marks).
3. Close the battery compartment cover securely. The snug cover design and seal ring ensure weather resistance.

3. Installation to Water Tap

The water timer is designed for outdoor use only. Hand tighten connections to prevent leaks. Do not use tools for tightening.

- Attach the water timer (which has a built-in filter) to an outdoor water tap with a 3/4" internal thread.
- Use the provided O-ring gasket and PTFE tape to ensure a good fit and prevent any leaking from the inlet side.
- Connect water pipes or hoses to the three zone outlets (3/4" external thread) using quick connectors if needed.



Figure 3: Timer installed on an outdoor faucet.

Operating Instructions

The timer features a large LCD screen and intuitive control buttons for easy programming.

LCD Display Overview

The LCD display provides all necessary watering information at a glance.

- **NOW:** Displays current time in 24-hour format.
- **Battery Power Level:** Indicates remaining battery life. Replace batteries when low.
- **DELAY:** Indicates Rain Delay mode is active.
- **Watering Icon:** Indicates the timer is actively watering.
- **Child Lock Icon:** Indicates Child Lock mode is active.
- **A/B/C:** Indicates currently selected zone area.
- **START TIME:** The first watering time for each program.
- **HOW LONG:** Allows setting run time from 1-59 seconds or 1-360 minutes.
- **HOW OFTEN:** Allows setting interval period from 1-23 hours or 1-15 days.
- **NEXT START:** Automatic reminder of time left until the next watering starts.

Having Zone A, Zone B and Zone C of Xinfuture 3 Outlet Water Timer Can Meet the Watering Needs of Various Places.



Figure 4: Detailed view of the LCD display.

Control Buttons

- **NOW button:** Allows current time to be set.
- **A/B/C button:** Selects Zone A, B, or C to be set for programming.
- **ESC OFF button:** Returns to the main screen. Hold for 3 seconds to discontinue programs.
- **Watering Tap button:** Activates a one-time manual watering for a single zone.
- **Minus (-) button:** Decreases the selected item flashing in the display.
- **Plus (+) / DELAY button:** Increases the selected item flashing in the display. Hold for 3 seconds to postpone watering (Rain Delay).
- **OK / Gear button:** Enters into program setup / Confirms options set.
- **Lock Icon (Child Lock):** Hold ESC OFF and Minus (-) buttons together for 3 seconds to activate/deactivate.



Figure 5: Control buttons and their functions.

Programming the Water Timer

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Video 2: Detailed instructions on programming the timer, including setting time, schedules, and modes.

Set Current Time

1. Press the **NOW** button. The current hour will flash.
2. Use the **+/-** buttons to change the hour, then press the **OK** button to save and proceed to set the minute.
3. The current minute will flash. Use the **+/-** buttons to change the minute, then press the **OK** button to save and automatically return to the main screen.
4. The current time has now been set.

Set Start Time, How Long, How Often (for each zone)

1. Press the **A/B/C** button to choose the desired zone (A, B, or C), then press the **OK** button to enter start time setting.
2. The hour will flash. Use the **+/-** buttons to change it, then press the **OK** button to save and proceed to set the minute.
3. The minute will flash. Use the **+/-** buttons to change it, then press the **OK** button to save and proceed to set the "How Long" (watering duration) setting.
4. The run time number will flash. Use the **+/-** buttons to change it from 1-59 seconds or 1-360 minutes, then press the **OK** button to save and proceed to the "How Often" (watering frequency) setting.
5. The interval period number will flash. Use the **+/-** buttons to change it from 1-23 hours or 1-15 days, then press the **OK** button.
6. Start time, how long, and how often for one zone have now been set. The "Next Start" display will automatically update in real-time.

Tip: To water with a normal water output for each zone, avoid opening 2-3 zones at the same time.

Manual Watering for Single Zone

This feature allows users to water one-time without interrupting the set program for the selected zone.

1. Press the **A**/**B**/**C** button to select the zone you want and press the **Watering Tap** button to enter the setting.
2. The run time number will flash. Use the **+/-** buttons to change it from 1-59 seconds or 1-360 minutes, then press the **OK** button to run the zone (only the selected zone will water).
3. A stopwatch starts and the watering icon flashes on the screen.
4. To cancel Manual Watering midway, just press the **Watering Tap** button once again.

Rain Delay Mode for All Zones

This feature allows users to postpone watering for an interval period without interrupting the preset program for all zones.

1. Press any button to light up the screen.
2. Hold the **+** / **DELAY** button for 3 seconds. The **DELAY** symbol flashes on the screen, and the next start time gets updated.
3. To cancel Delay mode midway, just hold the **+** / **DELAY** button for 3 seconds again.

Child Lock Mode for All Zones

This feature helps to avoid mistaken operation and make the timer safe from children's activities.

1. Press any button to light up the screen.
2. Hold the **ESC OFF** and **Minus (-)** buttons together for 3 seconds. The **Lock** symbol shows on the screen.
3. To cancel Child Lock mode, just hold the **ESC OFF** and **Minus (-)** buttons together for 3 seconds again.

OFF Mode for Single Zone

This feature allows users to discontinue the watering program for the selected zone. The program is saved and will be resumed after the OFF mode is removed.

1. Press the **A**/**B**/**C** button to select the zone you want.
2. Hold the **ESC OFF** button for 3 seconds. The character "OFF" shows on the screen (only works for the selected zone).
3. To remove OFF mode, just hold the **ESC OFF** button for 3 seconds again.

Low Power OFF Mode for All Zones

The water timer will automatically turn into Low Power OFF mode when the battery power is low. The battery icon will flash on the screen, and the timer cannot open to water. In order to work well, please replace new batteries and reset the programs as soon as possible.

MAINTENANCE

- **Filter Cleaning:** The water inlet is equipped with a filter to prevent impurities from blocking the valve. Regularly check and clean or replace the filter to ensure proper operation and prevent valve switch failure or water leakage.
- **Battery Replacement:** Replace batteries promptly when the low battery indicator appears to ensure continuous and accurate operation.
- **Temperature Range:** Do not use water lower than 3°C or higher than 45°C to prevent damage to the

timer.

TROUBLESHOOTING

Problem	Possible Cause & Solution
No display when batteries are installed.	No battery power. Please place new batteries properly as per the mark of +/-.
Display reads: "Er00"/ "Er01"/ "Er02"	Circuit in an abnormal state. Please reinstall the batteries.
Water does not come out at the preset time.	• A program is being set up for the zone at this moment. • Delay mode / OFF mode is on. Clear if necessary. • Low Power OFF mode is on. Please replace new batteries. • The faucet is turned off. Please turn it on.
The water inlet / outlet leaks.	• The filter is not well pressed to the end of the tap connection. Please reinstall it well. • The water inlet / outlet / water pipe is broken. Please check. • The water tap / water pipe has different thread consistent with that of the water timer. Use an appropriate adapter, O-ring, quick connector or PTFE tape if needed.

SPECIFICATIONS

Feature	Detail
Model	HCT-378
Item Size	138 × 72 × 127 mm (5.51 x 2.36 x 5.7 inches)
Net Weight	510 ± 10 g (0.92 Pounds / 14.7 ounces)
Ingress Protection	IPX5 (Waterproof)
Power Supply	2 × 1.5 V 'AA' Alkaline Batteries
Working Pressure	0.05 - 0.8 Mpa
Working Temperature	3 - 45°C
Water Inlet	3/4" Internal Thread
Water Outlet	3/4" External Thread
HOW LONG (Run Time)	1 - 59 seconds or 1 - 360 minutes
HOW OFTEN (Interval Period)	1 - 23 hours or 1 - 15 days

Warranty & Support

Warranty Information

In case of device performance failures (excluding accessories), a 1-year warranty after sale is included. Damages caused by unauthorized maintenance, misuse, collision, negligence, abuse, accident, modification, incorrect use of the device or its parts, and force majeure are not covered by the warranty.
Users may contact local distributors or special repair stations with the device invoice and warranty card if the device fails due to quality problems.

Manufacturer Information

Manufacturer: Ningbo Hanci Electrical Co., Ltd.
No.127-129 Dexing Road, Ninghai County,
Ningbo City, China. 315600

MADE IN CHINA