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› [XPR3SS](#) /

› [XPR3SS HCT626 Smart Water Timer User Manual](#)

XPR3SS HCT-626

XPR3SS HCT626 Smart Water Timer User Manual

Model: HCT-626

1. INTRODUCTION

Thank you for choosing the XPR3SS HCT626 Smart Water Timer. This device offers advanced control over your irrigation system with Bluetooth and Wi-Fi connectivity, allowing for remote management and efficient watering. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your smart water timer.

1.1 Package Contents

Please verify that all components are present in your package:

- XPR3SS HCT626 Water Timer Unit
- Wi-Fi Gateway
- Accessories (e.g., adapters, seals)
- User Manual (this document)
- Warranty Card



Figure 1.1: XPR3SS HCT626 Package Contents. The image displays the water timer, Wi-Fi gateway, various connectors, and printed manuals, all neatly arranged next to the product box.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in property damage or injury.

- **Outdoor Use Only:** The water timer unit is designed for outdoor use (IPX5 rated). The Wi-Fi Gateway is for indoor use only.
- **Temperature Range:** Operate the timer within the specified working temperature range of 1°C to 45°C (34°F to 113°F). Protect from freezing temperatures.
- **Water Pressure:** Ensure the water pressure is within the working range of 0.05-0.8 Mpa (7.25-116 PSI).
- **Batteries:** Use 2 x 1.5V 'AA' Alkaline batteries (not included). Do not mix old and new batteries or different types of batteries. Dispose of batteries responsibly.
- **Installation:** Ensure secure fitting to prevent water leakage.
- **Obstacles:** The effective distance between the gateway and timer is approximately 15m, depending on obstacles.

3. PRODUCT OVERVIEW

The XPR3SS HCT626 is a smart 2-outlet water timer designed for automatic irrigation. It features both Bluetooth and Wi-Fi connectivity via a dedicated gateway, allowing for flexible control options.

3.1 Key Features

- **Dual Connectivity:** Bluetooth for local control and Wi-Fi via gateway for remote control from anywhere.
- **2 Independent Outlets:** Control two separate watering zones independently.
- **Smart Rain Delay:** Automatically skips watering based on local weather conditions.
- **Flexible Scheduling:** Up to 9 individual timing plans with durations from 1 second to 59 minutes 59 seconds.
- **Watering Modes:** Supports both Irrigation and Spray (Misting) modes.
- **Voice Control:** Compatible with voice-activated commands (e.g., Alexa).
- **Durable Design:** IPX5 ingress protection for outdoor use.



Figure 3.1: XPR3SS HCT626 Water Timer with Wi-Fi Gateway. This image shows the water timer connected to an outdoor faucet, with icons illustrating its key features like two connection methods, remote control, rain delay, two outlets, weather monitor, and two watering ways.

CONNECTION MODE



Figure 3.2: Connection Modes. This image illustrates the two ways of connecting to the water timer: directly via Bluetooth or remotely via Wi-Fi through the gateway, controlled by a smartphone application.

WEATHER MONITOR



Figure 3.3: Smart Irrigation Based on Weather. The image shows a smartphone interface for the water timer, demonstrating how it can monitor local weather and adjust watering schedules accordingly, including options for spray duration and interval.

4. SETUP

4.1 Battery Installation (Water Timer)

1. Locate the battery compartment on the water timer unit.
2. Open the compartment and insert 2 x 1.5V 'AA' Alkaline batteries, ensuring correct polarity.
3. Close the battery compartment securely to maintain water resistance.

4.2 Physical Installation

1. Screw the water timer onto a standard 3/4" outdoor faucet. Ensure a tight, leak-free connection.
2. Connect your irrigation hoses or drip lines to the two 3/4" external thread outlets at the bottom of the timer.

4.3 Wi-Fi Gateway Setup

1. Plug the Wi-Fi Gateway into any indoor USB socket, laptop, or charger.
2. Ensure the gateway is within approximately 15 meters of the water timer for optimal Bluetooth connection, considering any obstacles.

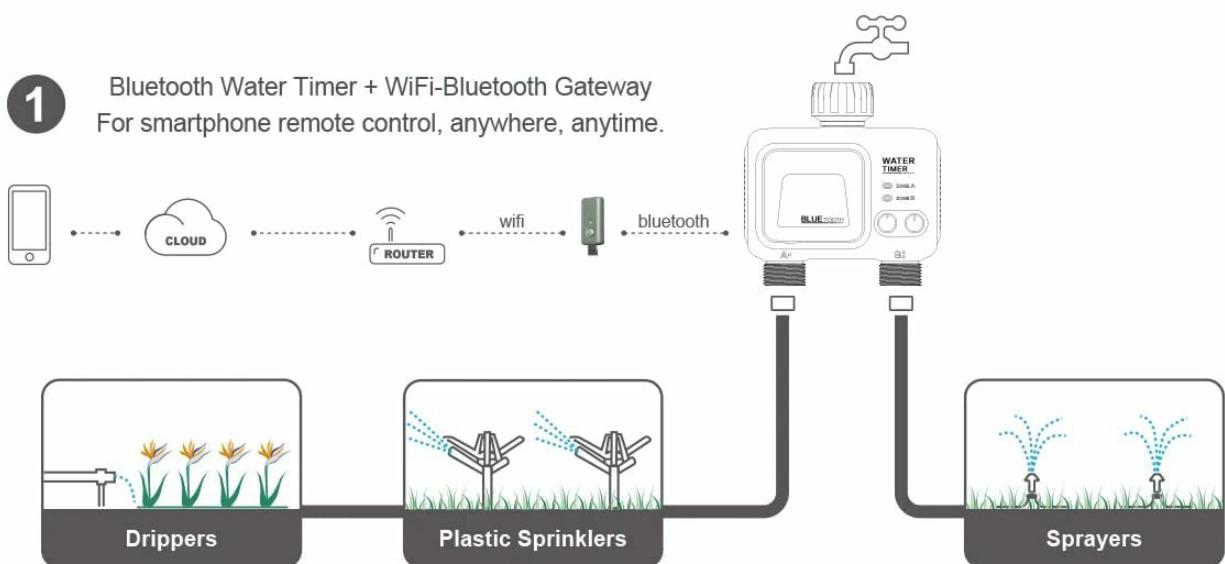
4.4 App Download and Pairing

1. Download the recommended smart home application (e.g., Smart Life App) from your device's app store.
2. Register or log in to your account.
3. Follow the in-app instructions to add the Wi-Fi Gateway and then the water timer. The app will guide you through the pairing process, which typically involves putting the devices into pairing mode.
4. Once paired, you can control the water timer via Bluetooth when within range, or remotely via Wi-Fi through the gateway.

OPERATION GUIDE

1

Bluetooth Water Timer + WiFi-Bluetooth Gateway
For smartphone remote control, anywhere, anytime.



2

Bluetooth Water Timer
Through bluetooth communication,
less than 30m depending on obstacles between smartphone and timers.

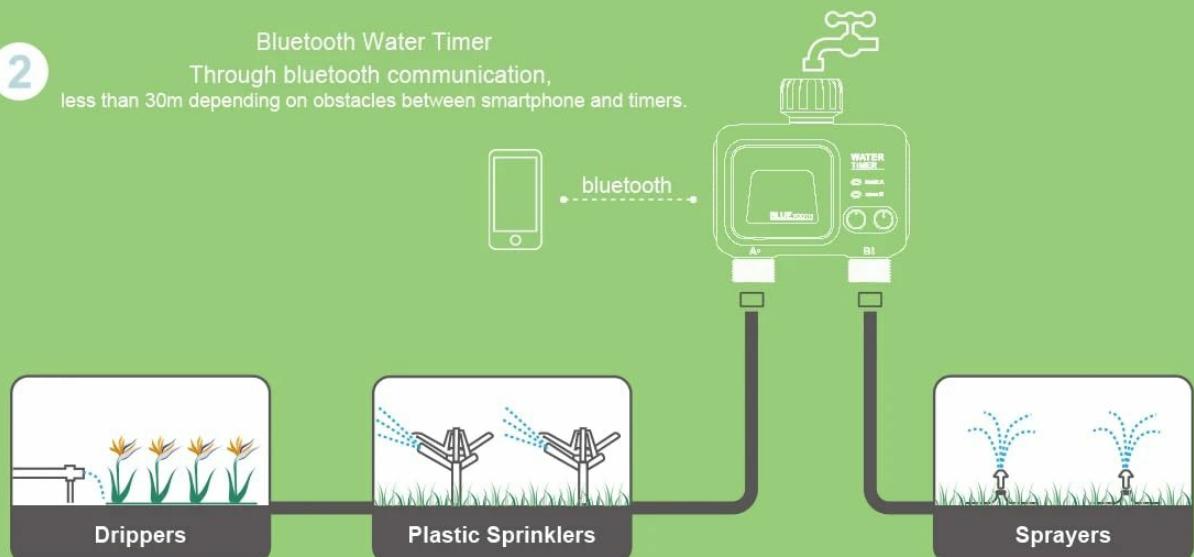


Figure 4.1: Operation Guide - Wi-Fi and Bluetooth Setup. This diagram shows how the Bluetooth Water Timer connects to a smartphone via Bluetooth, and how the Wi-Fi-Bluetooth Gateway connects to the timer via Bluetooth and to the cloud via Wi-Fi and a router, enabling remote control.

VOICE CONTROL

TURN ON / OFF THE TIMER WITH VOICE-ACTIVATED COMMANDS

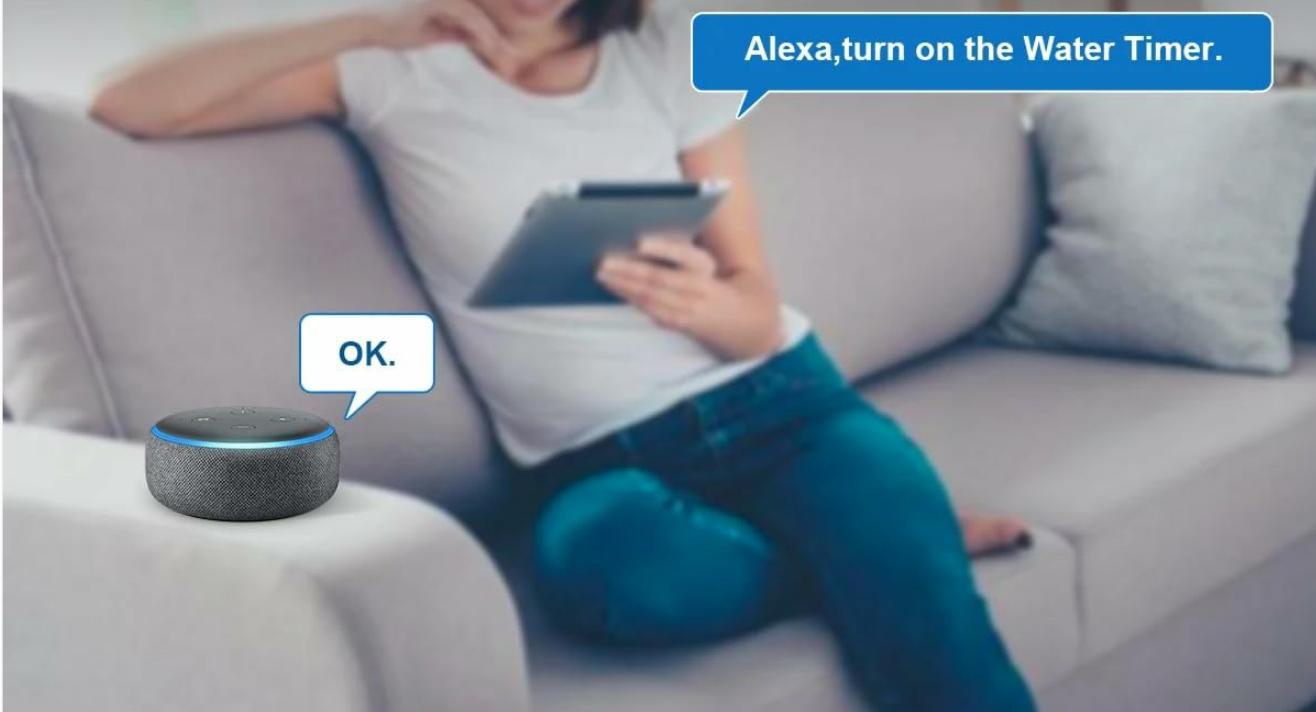


Figure 4.2: Operation Guide - Bluetooth Connection. This diagram illustrates the direct Bluetooth connection between the water timer and a smartphone, showing how it can control various irrigation components like drippers, plastic sprinklers, and sprayers.

5. OPERATION

5.1 Programming Watering Schedules

Use the mobile application to set up watering schedules for each of the two independent zones (Zone A and Zone B). You can create up to 9 individual timing plans.

- **Watering Duration:** Set from 1 second to 59 minutes 59 seconds.
- **Watering Frequency:** Choose single time or specific weekdays.
- **Watering Modes:** Select between *Irrigation* (standard watering) and *Spray* (misting).

FLEXIBLE SCHEDULE&TWO WATERING WAYS



- Plan A -



- Plan B -



- Plan C -



- Irrigation Mode -



- Mist Mode -

Figure 5.1: Flexible Scheduling and Watering Ways. This image illustrates how the timer can accommodate different lifestyles (working, traveling, sleeping) and shows the two primary watering modes: Irrigation Mode and Mist Mode.

5.2 Smart Rain Delay

The timer can monitor local weather conditions. Enable the 'Rainy Mode' or 'Smart Weather' feature in the app to automatically pause watering during rainy days, conserving water and preventing overwatering.

5.3 Manual Control

For immediate watering, you can manually turn on/off each zone directly from the timer unit using the physical buttons, or through the mobile application.

5.4 Voice Control

Integrate your XPR3SS HCT626 with compatible voice assistants (e.g., Amazon Alexa) to control watering with simple voice commands.



Figure 5.2: Voice Control. This image shows a person interacting with a smart speaker, demonstrating how the water timer can be turned on or off using voice-activated commands.

6. MAINTENANCE

6.1 Cleaning

Periodically clean the exterior of the water timer with a damp cloth. Do not use abrasive cleaners or submerge the unit in water.

6.2 Battery Replacement

Replace batteries when the low battery indicator appears in the app or on the device, or if the timer's functionality becomes erratic. Always replace both batteries simultaneously with new 'AA' Alkaline batteries.

6.3 Winterization

Before the first frost, disconnect the water timer from the faucet and drain any remaining water. Store the unit indoors in a dry, protected area to prevent damage from freezing temperatures.

7. TROUBLESHOOTING

If you encounter issues with your XPR3SS HCT626 Smart Water Timer, please refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
Water leakage from connections	Loose connection; worn-out washer/seal; incorrect installation.	Ensure connections are tight. Check and replace rubber washers if damaged. Reinstall carefully.
Timer not watering or low flow	Low water pressure; clogged filter; dead batteries; timer not programmed.	Ensure adequate water pressure (0.05-0.8 Mpa). Clean the inlet filter. Replace batteries. Verify schedule in app.
Cannot connect to Bluetooth	Timer out of Bluetooth range; Bluetooth off on phone; low timer battery.	Move closer to the timer. Enable Bluetooth on your smartphone. Replace timer batteries.
Cannot connect to Wi-Fi (via Gateway)	Gateway out of range of timer or Wi-Fi router; Wi-Fi signal weak; incorrect Wi-Fi password; gateway not powered.	Relocate gateway closer to both timer and router. Ensure 2.4 GHz Wi-Fi network. Re-enter Wi-Fi credentials. Check gateway power supply.
Rain delay not working	Smart weather feature not enabled; incorrect location set in app; no internet connection for weather data.	Enable 'Rainy Mode' or 'Smart Weather' in the app. Confirm correct location. Ensure gateway has stable internet connection.

8. SPECIFICATIONS

Feature	Specification
Model Number	HCT-626
Material	Acrylonitrile Butadiene Styrene (ABS Plastic)
Product Dimensions	18D x 6W x 10H Centimeters
Item Weight	470 Grams
Watering Modes	Irrigation + Spray (Misting)
Max Programs	9 individual timing plans
Working Duration	1 sec to 59 min 59 sec
Watering Frequency	Single Time / Weekdays (any day or days of the week)
Wireless Connectivity	Bluetooth 4.2/5.0, Wi-Fi 2.4 Ghz
Distance Between Gateway and Timer	About 15m (depending on obstacles)
Power Supply	2 x 1.5V 'AA' Alkaline Batteries (not included)
Inlet Thread	3/4" Internal Thread
Outlet Thread	3/4" External Thread

Feature	Specification
Ingress Protection	IPX5
Working Pressure	0.05-0.8 Mpa
Working Temperature	1°C~45°C (34°F~113°F)
Applicable Place	Outdoor (Timer), Indoor (Gateway)
Manufacturer	Eshine Technology (Ningbo) Co., Ltd
Country of Origin	China

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your XPR3SS HCT626 Smart Water Timer comes with a warranty. Please refer to the included Warranty Card for specific terms, conditions, and duration of the warranty coverage.

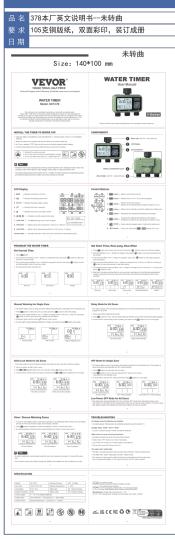
9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact XPR3SS customer support. Contact details can typically be found on the Warranty Card or the official XPR3SS website.

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Related Documents - HCT-626

	<p>VEVOR HCT-378 Water Timer User Manual and Guide</p> <p>Comprehensive user manual for the VEVOR HCT-378 Water Timer, detailing installation, programming, features like manual watering, delay mode, child lock, and troubleshooting. Learn how to efficiently manage your garden watering.</p>
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	<p>VEVOR HCT-378 Water Timer User Manual - Installation and Programming Guide</p> <p>Discover how to install, program, and troubleshoot the VEVOR HCT-378 Water Timer with this comprehensive user manual. Learn about its features, setting watering schedules, manual watering, child lock, and power-saving modes for efficient garden irrigation.</p>
	<p>Carbone AB221 Smart Watering Timer with Screen - Technical Specifications</p> <p>Detailed technical specifications and features of the Carbone AB221 smart watering timer. Features dual manual and intelligent modes, countdown display, rain delay, and battery indicator for efficient garden irrigation.</p>
	<p>VEVOR HCT-626 Wireless Water Timer & HCG-002 Gateway User Manual</p> <p>Comprehensive user manual and quick start guide for the VEVOR HCT-626 Wireless Water Timer and HCG-002 Gateway. Learn how to set up, connect via the Smart Life app, manage garden irrigation schedules, and troubleshoot common issues.</p>
	<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>HCT-633-HCG-003 Wireless Water Timer User Manual & Setup Guide Tuya Smart</p> <p>Comprehensive user manual for the Tuya HCT-633-HCG-003 Wireless Water Timer. Learn how to set up the Sub-GHz Gateway, connect the RF Water Timer, and use the Tuya Smart app for automated garden irrigation.</p>