# WIRELESS WATER TIMER

USER MANUAL

Model: HCT-611 - HCG-001

Please read this manual carefully before using the device and keep for future reference.

INTRODUCTION FOR BLUETOOTH WATER TIMER

360°

- HOSE TAP CONNECTION with built-in filter
- INDICATOR
- BUTTON
- BATTERY COMPARTMEN
- WATER OUTLET

- **INDICATOR**
  Blink Slowly: the timer is watering (on 0.1s, off 5s)
  Blink Quickly: waiting for Bluetooth connection / allowing device to be
          connected to network (on 0.1s, off 0.1s)

- **BUTTON**
  Short Press for 1s: start / stop Manual Watering
  Long Press for 3s: reset Bluetooth connection
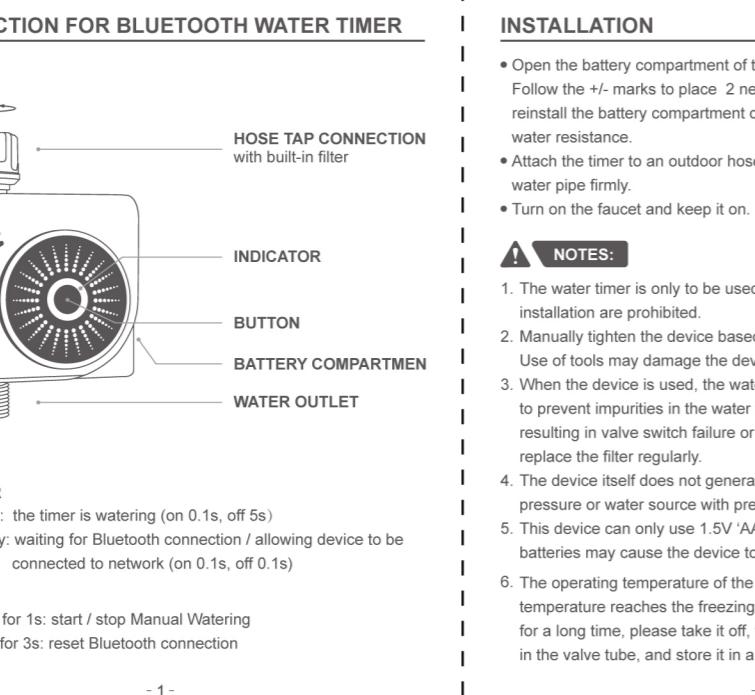
INSTALLATION

- Open the battery compartment of the timer and ensure the interior is dry. Follow the +/- marks to place 2 new 1.5 V 'AA' alkaline batteries. Firmly reinstall the battery compartment cover back into the timer to ensure water resistance.
- Attach the timer to an outdoor hose faucet and the water outlet to the water pipe firmly.
- Turn on the faucet and keep it on.

⚠ NOTES:

1. The water timer is only to be used outdoors. Horizontal or reversed installation are prohibited.
2. Manually tighten the device based on the thread direction of its knob. Use of tools may damage the device.
3. When the device is used, the water inlet must be equipped with a filter to prevent impurities in the water from blocking the valve diaphragm, resulting in valve switch failure or water leakage. Please clean or replace the filter regularly.
4. The device itself does not generate pressure and needs tap water pressure or water source with pressure to work normally.
5. This device can only use 1.5V 'AA' alkaline battery. Other types of batteries may cause the device to not work properly.
6. The operating temperature of the device is 1℃ - 45℃. When the temperature reaches the freezing temperature or the timer is not in use for a long time, please take it off, take out the batteries, empty the water in the valve tube, and store it in an indoor dry place.

NETWORK CONNECTION SETTINGS

- The Bluetooth water timer and Bluetooth gateway been linked with Tuya and are controllable by the Tuya Smart APP.
- Search for "Tuya Smart" in the APP Store / Google Play, or scan below QR code to download and install the APP as prompted.

Tuya Smart APP

- Launch the APP. For first-time downloads, click the "Register" button to sign up. If an account already exists, click the "Login" button.

- Turn on mobile phone Bluetooth, enter the home page of the APP. Click "+" on the upper right corner of the page and select "Add device". Add the water timer as promoted by the APP. Alternatively, click on the sign on the upper right corner of the "Add device" page, scan the below QR code and add the device.
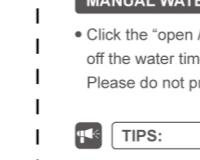
Scan the QR code in APP to add the water timer

⚠ NOTES:

Due to the upgrades and updates of the APP, the actual operations may be slightly different from the above description. Kindly follow the instructions in the current APP. When connecting to the network, ensure that the water timer is within the effective range of Bluetooth.

OPERATING INSTRUCTIONS

Turn on the mobile phone Bluetooth and launch the APP. On the control page of the water timer, users can set and view for following functions: Manual Watering, Rainy Mode, Next Scheduled Run, Record, Timing and Spray.

MANUAL WATERING:

- Click the "open / close" button on the control page of the APP to turn on / off the water timer. The communication delay is about 0.5-3 seconds. Please do not press the "open / close" button repeatedly.

▣ TIPS:

In order to save water and prevent users from forgetting to close the water timer after manually opening, the Manual Watering has a special protection mechanism, that is, if the watering exceeds 60 minutes, the timer will automatically close the valve.

RAINY MODE:

- On the control page of the water timer, click the button on the right side of Rainy Mode to green to start this mode.
- When the Rainy Mode is on, the previously set programs of Timing and Spray will not be executed if the weather where the water timer located is rainy.

NEXT SCHEDULED RUN:

- Automatically display the valve opening time of the next Timing program.

▣ TIPS:

Next Scheduled Run does not display the valve opening time of the Spray program.

RECORD:

- On the control page of the water timer, click "Record" to view the latest on-off record for the valve.
- The communications may be delayed. Programs recently executed will appear in the Record later.

TIMING:

- Click "Timing" on the control page to enter the "Add" page. Click "Add" to enter the corresponding content setting page. After setting start time, run time and loop, please click "Save" on the upper right corner. When back to the list, the "on / off " button on the right side of the program will automatically be green, indicating the program has started.
- Click the existing timing program in the list to make changes to the program contents. After saving and returning to the list, turn on the "on / off " button on the right if you wish to start the program.
- Swipe right in the list of timing program to delete the program.

SPRAY:

- Click "Spray" on the control page for the spray program setting page.
- After setting start time, end time, spray duration, interval duration and loop, click the "Save" button below and the 'on / off ' button on the upper right corner to start the program.
- Click the existing spray program in the list to modify the contents of the program. After saving, if you want to start the program, please click the "on / off " button to green on the upper right corner.

⚠ NOTES:

1. Due to the communication delay, please manually scroll down to refresh every time you enter the APP for data update.
2. When the battery power on the control page is displayed as " 🔋 ", it indicates that the power is about to be exhausted and the timer cannot work normally. Please replace the batteries immediately.

INTRODUCTION FOR BLUETOOTH GATEWAY

ROUTER — WIFI — Bluetooth — Bluetooth Devices

The Bluetooth gateway consists of a highly integrated wireless WIFI module, a Bluetooth module and a motherboard. Data transmitted through Bluetooth signals can be transmitted to the remote controller or server through WIFI networks for remote management. Functions such as adding, resetting, third-party control over the device etc. can be realized via the APP, which allow the device to be used in smart homes and other applications.

❶ DEVICE PLUG

❷ WIFI INDICATOR
Blink Slowly: waiting to be connected
On: connected
Off: connection failure

❸ RESET BUTTON
Long Press 2x 5s: reset the device

❹ BLUETOOTH INDICATOR
Blink Slowly: waiting to be connected / allowing device to be
        connected to network
On: activated
Off: not activated
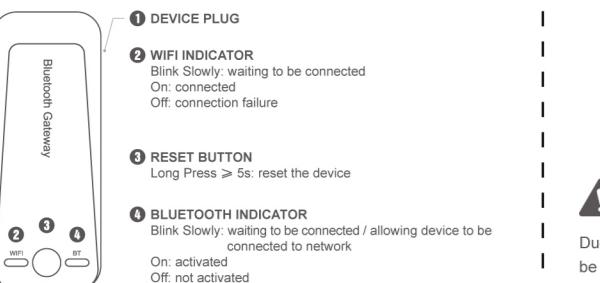
NETWORK CONNECTION SETTINGS

- Plug the Bluetooth gateway directly into an indoor socket, and the gateway shall be within the effective range of the router. The device will automatically turn on the indicators and start up. Wait for a moment until the WiFi indicator blinks slowly and the Bluetooth indicator stays on. Then the device enters the state of waiting for network connection.
- Turn on mobile phone Bluetooth, enter the home page of the APP. Click "+" on the upper right corner of the page and select "Add device". Add the gateway as promoted by the APP. Alternatively, click on the sign on the upper right corner of the "Add device" page, scan the below QR code and add the device.

Scan the QR code in APP to add the gateway

⚠ NOTES:

Due to the upgrades and updates of the APP, the actual operations may be slightly different from the above description. Kindly follow the instructions in the current APP.

PAIRING OF THE BLUETOOTH GATEWAY WITH THE BLUETOOTH WATER TIMER

On the control page of gateway, the following tips are displayed. Proceed to the next step (choose one of the two) as needed:

⊕ Add existing   🔍 Search for Devices

- **Mode one:**
  If the Bluetooth water timer has been added to the list on the home page, click "Add existing" and continue as prompted.
- **Mode two:**
  If no Bluetooth water timer has been added to the list on the home page, click "Search for Devices" and continue as prompted.

> After successful pairing, users can remotely control the Bluetooth water timers in the APP anytime and anywhere.

REMOVE DEVICE

On the control page of the device, click " ✎ " on the upper right corner to remove a device.

SHARE DEVICE

On the control page of the device, click " ✎ " on the upper right corner to share a device and invite others to join. The sharing users need to download Tuya Smart APP and log in with their accounts.

TROUBLESHOOTING

1. The mobile phone Bluetooth is enabled but the APP fails to connect to the water timer.
- - If the distance between the mobile phone and the timer exceeds the Bluetooth's effective range, please adjust the position of the mobile phone.

2. Long press the button of the water timer for 3 seconds but the indicator does not blink.
- - Reinstall / replace the batteries and retry.

3. The indicator of the water timer stays on.
- - The timer is abnormal, please contact the seller for repair.

4. The hose tap connection / water outlet of the water timer is leaking.
- - The thread is not properly screwed. Please try again.
- - The thread does not match. Please use an adapter / quick connector / PTFE tape if needed.

5. The water output of the water timer is low.
- - There might dirt particles blocked in the valve tube. Please clean the filter in time.
- - It is likely the local municipal water pressure is low.

6. No effluent comes out of the water timer within the set time.
- - The faucet is off. Please turn it on.
- - The batteries are exhausted. Please replace the batteries.
- - The Rainy Mode is on. Please turn it off.

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7. The gateway cannot connect to the router.
- - Wrong WIFI frequency. Please change it to 2.4 GHz.
- - Incorrect WIFI password. Please reenter.
- - Weak WIFI signal. Please shorten the distance between the gateway and the router.
- - Mobile phone fault. The mobile phone is aged with too large memory, which causes jamming during the operation.

8. The gateway and the Bluetooth water timer have been paired but the timer cannot be connected via the APP.
- - Check whether the Bluetooth water timer has been successfully paired with the gateway. If not, re-pair the device.
- - The Bluetooth water timer may be beyond the remote control distance of the gateway. Please adjust the position of either the timer or the gateway.

SPECIFICATIONS

Device Name	Bluetooth Water Timer		
Size	100 × 136 × 46 mm	Net Weight	305 ± 10g
Hose Tap Connection	3/4 ″ Internal Thread	Water Outlet	3/4 ″ External Thread
Ingress Protection	IPX5	Working Pressure	0.05 Mpa-0.8 Mpa
Working Temperature	1℃ - 45℃	Applicable Locations	Outdoor
Power Supply	2 ×1.5 V 'AA' Alkaline Batteries		

Device Name	Bluetooth Gateway		
Size	31 × 44 × 115 mm (without plug)		
Net Weight	76 ± 5g	Rated Power	＜ 1.0 W
WIFI	2.4 GHZ	Bluetooth	4.2 / 5.0
Working Temperature	-10℃ - 55℃	Applicable Locations	Indoor
Power Supply	110 - 240V AC, 50 / 60 Hz		
Distance Between Gateway and Bluetooth Device About 50 m (depending on obstacles between gateway and the device)			

AFTER-SALES SERVICE

- In case of device performance failures, 1- year-warranty after sale is included (excluding accessories).
- 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.
- You may contact local distributors or special repair stations with the device invoice and warranty card if your device fails due to quality problems.

WARRANTY CARD

Customer: _____ Tel.: _____

Contact Add: _____

Device Name: _____ Model: _____

Purchase Add: _____ Order Date: _____

DECLARATION ON HAZARDOUS SUBSTANCES IN ELECTRONIC PRODUCTS

PARTS	Hazardous Substances					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
Plastic	○	○	○	○	○	○
PCBA	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

This form is compiled in accordance with the requirements of SJ / T11364.

○ Indicates that the concentration of the hazardous substance contained in all the homogeneous materials of this part is below the limit requirement of the GB / T26572 standard.

✕ Indicates that the concentration of the hazardous substance contained in all the homogeneous materials of this part is above the requirement of the GB / T26572 standard.

Made in China

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.