Manuals+ — User Manuals Simplified.

dewenwils HOWT01C Outdoor WiFi Smart Box Instruction Manual

Contents

dewenwils HOWT01C Outdoor WiFi Smart Box

Product Information

- Product Name: Clip Wi-Fi
- Model Number: HOWT01C
- Product Code: V20530

Features

- LED Indicator
- Power Button & Program Button
- Power Indicator
- Knockouts for easy installation
- Timer Function with Countdown, Schedule, Circulate, and Random modes

Product Usage Instructions

Software Installation
Please refer to the Software Installation Guide provided to install the necessary software for the Clip Wi-Fi device.

Timer Function
The Timer Function allows you to set specific schedules for turning on and off the device. There are four modes available: Countdown, Schedule, Circulate, and Random.

Countdown

1. Tap on the Countdown option.
2. Set the desired hours and minutes for the countdown.
3. Tap the Start button to begin the countdown.
4. The Smart Box will maintain its current state (on or off) until the end of the countdown.
5. If you manually turn on or off the device during the countdown, it will exit countdown mode automatically.

Schedule

1. You can set the start and end time for each day of a 7-day period with a 1-minute interval.

2. Tap on the Schedule option.

3. Select the desired start and end time for each day.

4. Every program you set will repeat weekly.

Circulate

1. You can set the duration of each on and off cycle, as well as the start and end times.

2. Tap on the Circulate option.

3. Set the desired duration for each on and off cycle.

4. Set the start and end times for the schedule.

5. For example, if you want to turn on your pump for 1 hour and then off for 30 minutes between 8:00 AM and 11:00 AM on Saturday and Sunday, you can set the outlet to repeat this schedule during that time period.

Random

1. The Random mode allows for random control of the device within a +/-30 minute range from the set ON/OFF time.

2. Tap on the Random option.

3. The device will randomly control the device when you are away from home, creating the illusion of activity.

Please ensure that location information is enabled on your mobile device for accurate functionality. Please pay attention to the warning signs Read the instructions with caution before operating and keep it properly

warning: This timer should be installed by a licensed electrician. Turn the power off at the main panel before servicing this switch or the equipment it controls.
IMPORTANT: For outdoor use. Rain-tight or wet location conduit, hubs, tubing, and cable fittings that comply with the requirements of the UL 514B must be used for installation.

READ ALL INSTRUCTIONS before using the Smart Box.
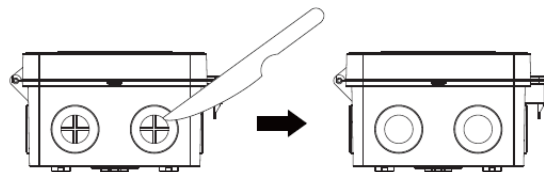
Product Illustration
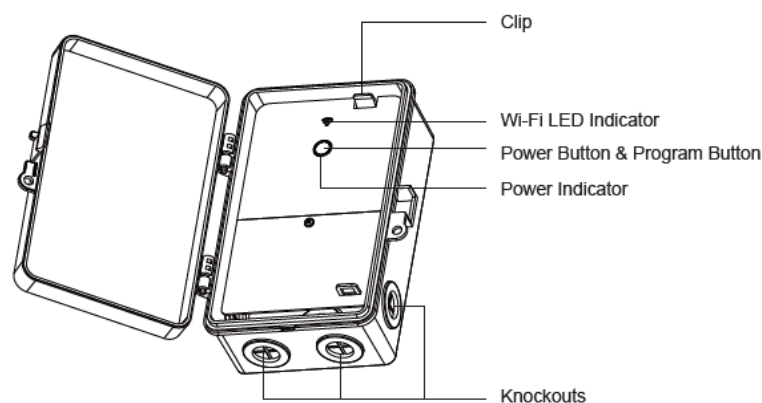
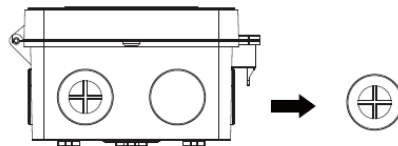**Specifications**

- Input: 120-277VAC 60Hz

- Output: 40A Resistive 120 to 277 VAC; 30A General purpose 120 to 277 VAC;

- 20A Resistive, 30VDC;

- 1HP, 120VAC;

- 2HP, 240VAC; 20A Ballasted load 120 to 277 VAC;

- 15A Tungsten, 120 VAC;

- 5A Tungsten, 250VAC;

- B00VA, Pilot Duty, 120VAC;

- 720VA, Pilot Duty, 240 VAC;
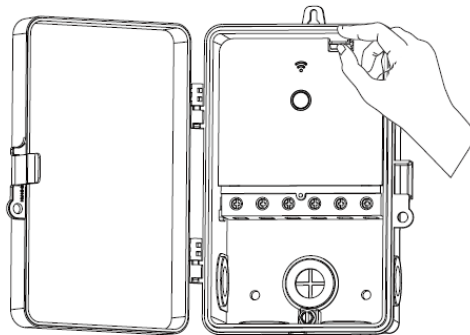
- TV-5, 120VAC

- Raintight
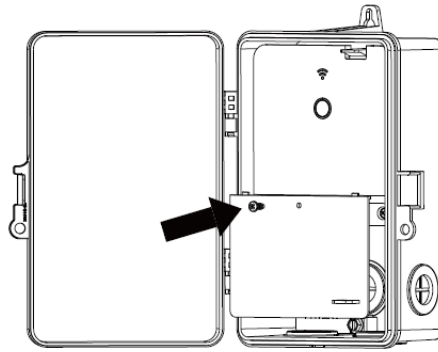
(Figure 1)

(Figure 2)

(Figure 3)

(Figure 4)

Installation Instructions

1. Read the Important Safety Information below before beginning installation.
2. Open the outer cover by pressing the clip.
3. Remove the interior protective cover by removing the screw holding the cover in place (Figure 1).
4. Select the knockouts to be used. If you use the 1/2″ knockout, carefully cut off the inner ring of the rubber plug with a knife (Figure 2). If you use the 3/4″ knockout, please remove the entire rubber plug (Figure 3).
5. Place the Smart Box in the desired mounting location and mark it. Install a screw at the mark and drive partially in place. Attach Smart Box by placing the keyhole over the screw; then tighten the screw firmly.
6. Press the upper clip to remove the motherboard (Figure 4).
7. Use copper wire AWG 8-18 suitable for 90°C(194°F). WIRING TO

COMPLY WITH ALL LOCAL AND NATIONAL ELECTRICAL CODES.
Bonding between conduit connections is not automatic and must be provided as part of the installation. A minimum 10.6 lb. in. torque is required at the terminals to ensure proper connections, strip the supply, and load wires to 1/2″. a.Grounding: Terminate all ground wires to the grounding lug at the bottom of the enclosure.

**Assemble the motherboard and interior protective cover**
Close the outer cover. Smart Box now is ready to be connected to the WiFi router via the app.

Important Safety Information
WARNING: Risk of Fire or Electric Shock. Read instructions thoroughly before installation and preserve them for future reference. Disconnect power at the circuit breaker and test that power is off before installing (or servicing) the Smart Box (more than one circuit breaker or Wiring must be in accordance with all national and local electrical code requirements. Inspect all terminals and wires with a voltage meter before disconnecting the switch may be required to fully disconnect power). touching. The maximum total load to be controlled must not exceed Smart Box capacity.

The Smart Box enclosure does not provide grounding between conduit connectors. When metallic conduit is used, you must also install grounding-type bushings and jumper wires in accordance with National Electrical Code (NEC) requirements.

SMART BOX TERMINAL DESIGNATIONS
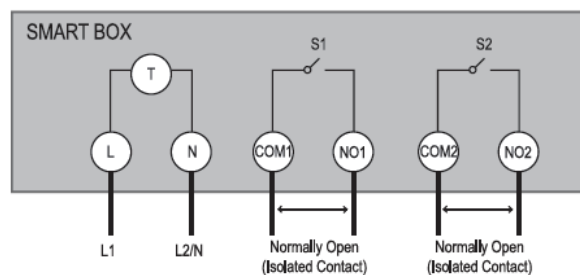
- L = Line I N = Neutral I NO = Normally Open ICOM = Common Terminal
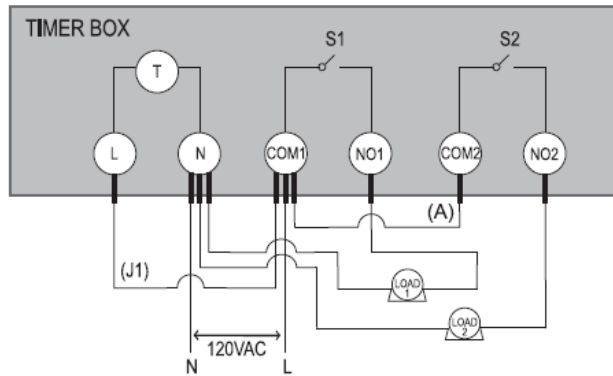- I J = Jumper Wire I T = Timer

TIMER BOX TYPICAL APPLICATION WIRING DIAGRAMS
Note: Timer Box is capable of being configured for 120 VAC, 240 VAC, or 277 VAC.

- J1 & J2 are jumper wires for the timer power supply.
- 120VAC Application Controlling One 120VAC Load
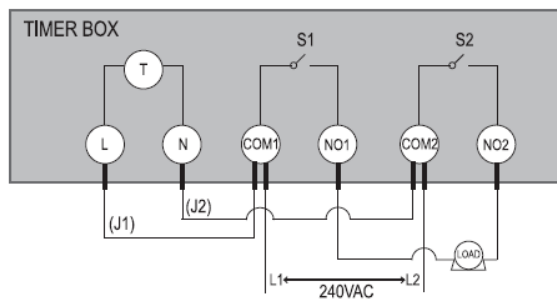- 120VAC Application Controlling Two 120VAC Loads
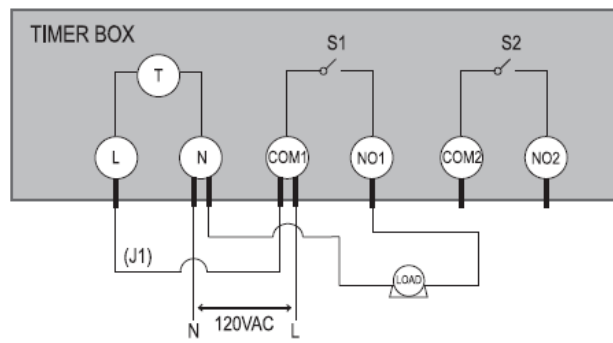
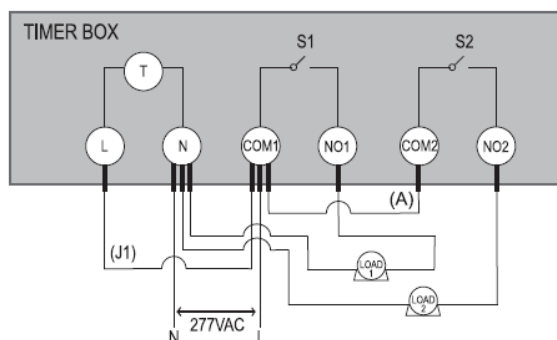**120VAC** Application Controlling Two 120VAC Loads

Note: (A) The wire connecting COM1 with COM2 should use the same gauge as the load wire.
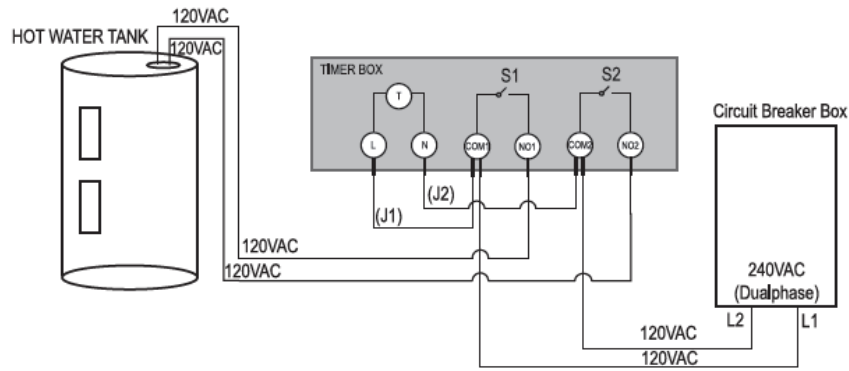
- 240VAC Application Controlling One 240VAC Load
- 277VAC Application Controlling Two 277VAC Loads

277VAC Application Controlling Two 277VAC Loads

Note: (A) The wire connecting COM1 with COM2 should use the same gauge as the load wire.

HOT WATER HEATER TYPICAL WIRING DIAGRAM

IMPORTANT: Please refer to the INSTALLATION INSTRUCTION SHEET before proceeding with the Wi-Fi router connection. Smart Box must be installed before connecting to the Wi-Fi router.

Software Installation Guide

Download the "smart life" App: Scan QR Code or search "Smart Life" in Google Play or the App Store to download and install the app.
Note: All pictures shown are for illustration purposes only, the APP will be updated continuously, please refer to the latest APP interface to operate.

Log in or Sign up

Note: Each device can only be connected to one account. If anyone else needs to control it, please share your device via the app.

Add device

1. Launch the "Smart Life" app and connect your Smart Box to your network.

Note: The Smart Box only supports a 2.4GHz network.

2. Shot press the power button on the Smart Box, and the Blue LOAD LED indicator will be ON/OFF correspondingly.
3. Long press the power button for 5-1 O s, and the Smart Box is ready to enter the network configuration mode.

For Optimal Use

1. If the Blue Wi-Fi LED indicator on Smart Box doesn't flash for the first connection, please hold and press the power button for about 5-10 seconds to see if it starts flashing
2. If the Smart Box can't be connected to wifi, please long-press the power button for 5-10 seconds to reset it;
3. The Smart Box only works with a 2.4 GHz network. If your router broadcasts both 2.4GHz and 5GHz, please selected the 2.4GHz network with the app. If the connection still failed, we recommend you call your ISP and had them completely shut off the 5GHz network on the router. You are free to change the network to 5GHz again after connecting.
4. Please try to make the Smart Box and router as close as possible.

Add the Smart Box
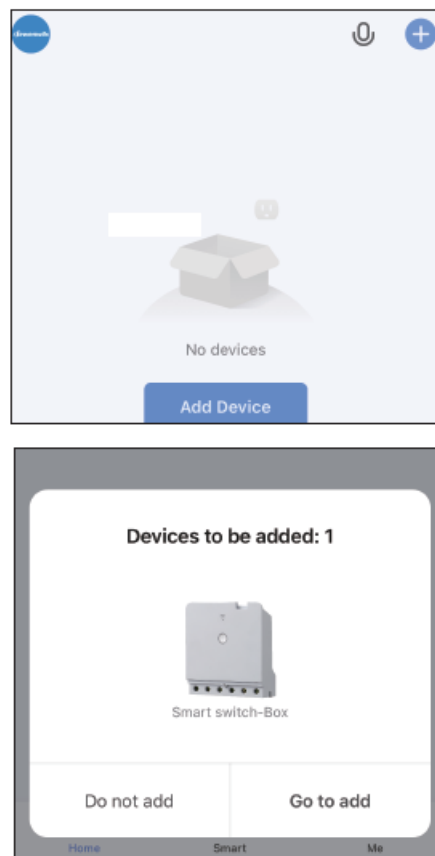
1. Auto Add Mode (Bluetooth Mode)
   - Turn on the smartphone's Bluetooth.
   - Open the "Smart Life" APP and click the "+" at the top right list, it will find the smart box automatically.
   - Follow the steps in the APP to complete the pairing.
2. Add Manually Mode
   - Click the "+" sign at the right corner and then choose the "Plug (BLE+Wi-Fi)".
   - Tap "Confirm the indicator is blinking rapidly"; Enter your WiFi Password; Wait for the connection to

complete.

- Smart Box has been added successfully.
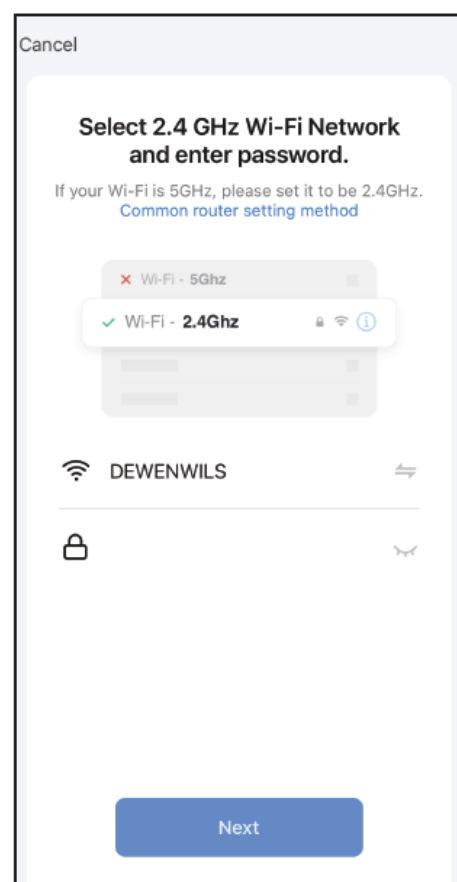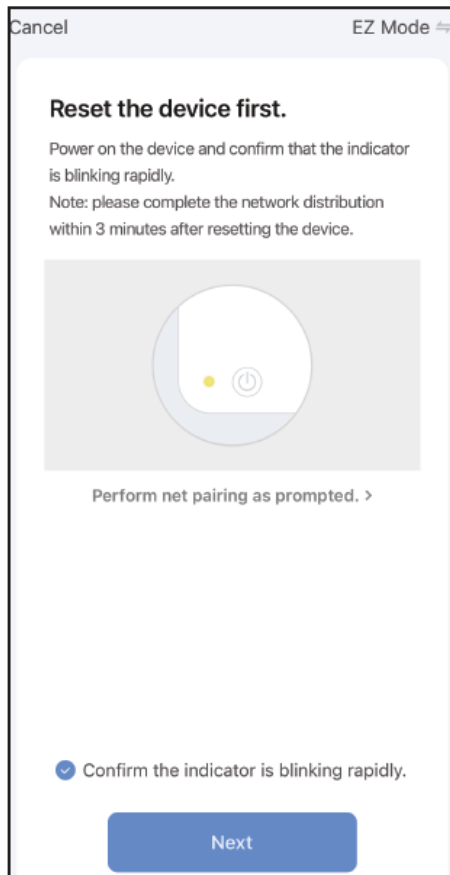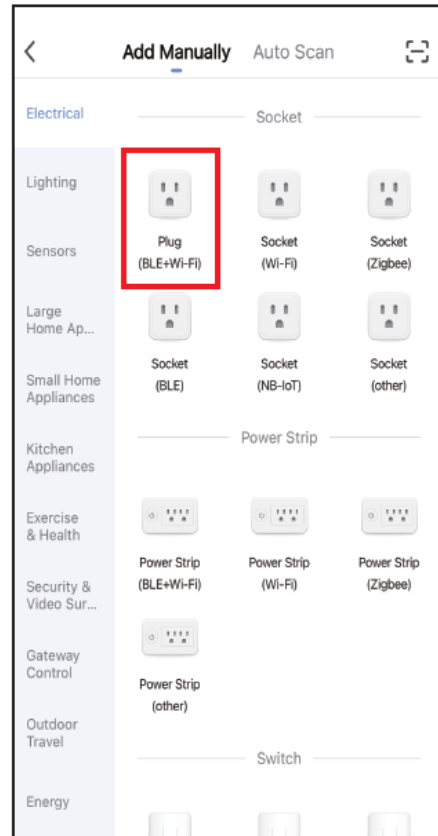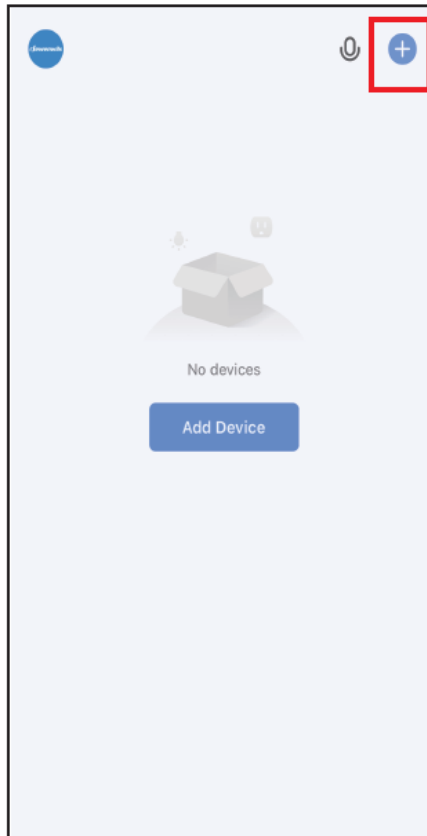
Note: Please attention to "location information" on mobile needs to be opened.
Timer Function Select the"Countdown", "Schedule", "Circulate", or "Random" to meet your needs.
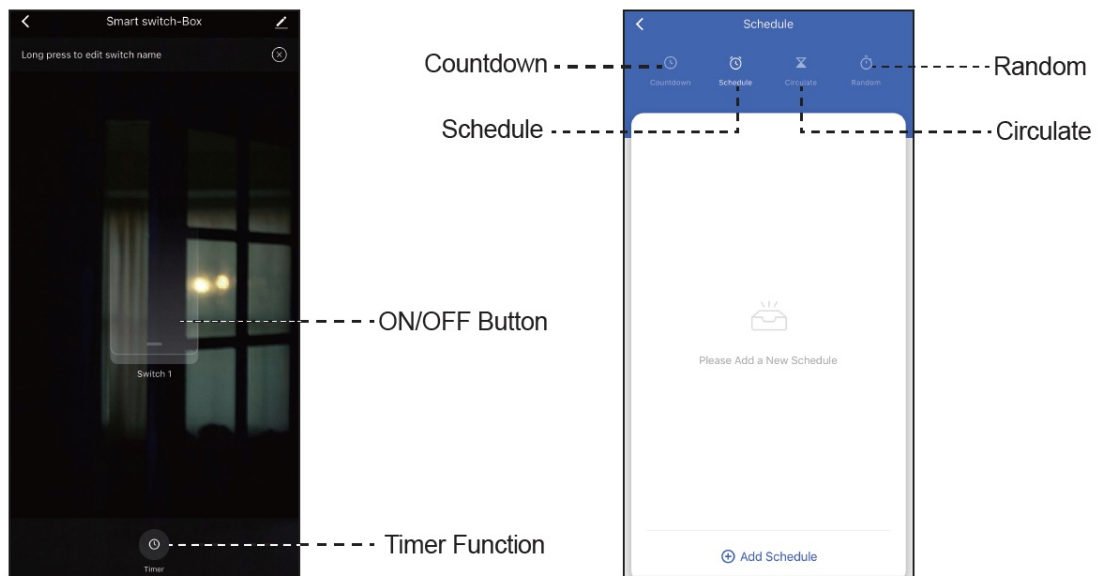
Countdown ------ Schedule ------ ON/OFF Button ------ Timer Function

Random ------ Circulate

Please Add a New Schedule

⊕ Add Schedule

1. Countdown: Tap "Countdown" to set the hours and minutes, and then tap the "Start" button. The Smart Box will maintain the current state (on or off) until the end of the countdown. It will exit countdown mode automatically if you turn on/off manually.
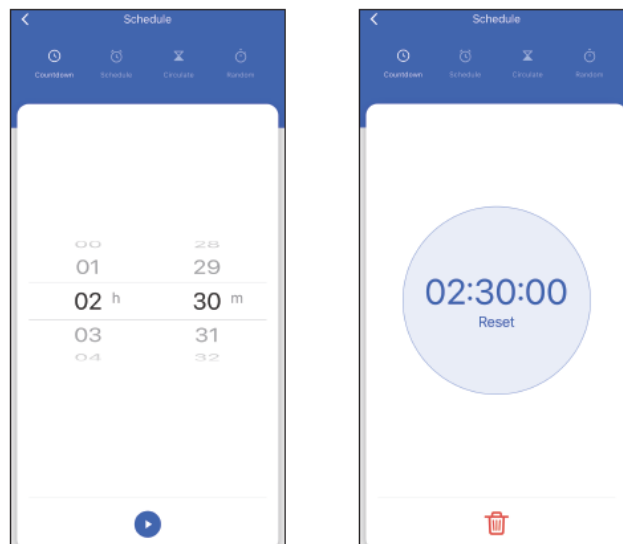
1. Schedule: You can set the Star/End time in a 7-day period with a 1-minute interval according to your needs. Every program you set repeats weekly.
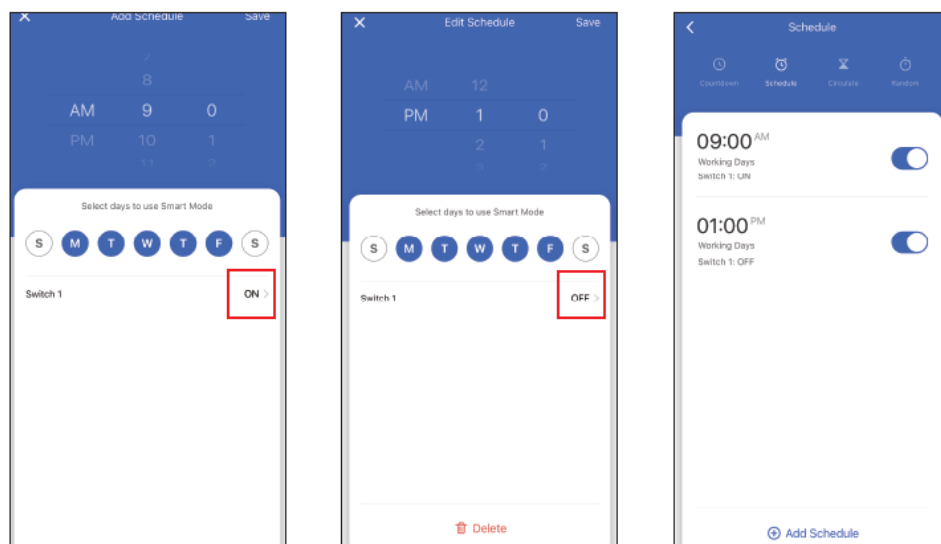
2. Circulate: You can set the duration of each on and off, the start and end time according to your needs. The on/off schedule will repeat between the start and end times. For example, You set a period from 8:00 AM to 11:00 AM on Saturday and Sunday, turn on your pump for 1 hour, and off for 30 minutes. The outlet will repeat on/off from 8:00 AM to 11:00 AM.
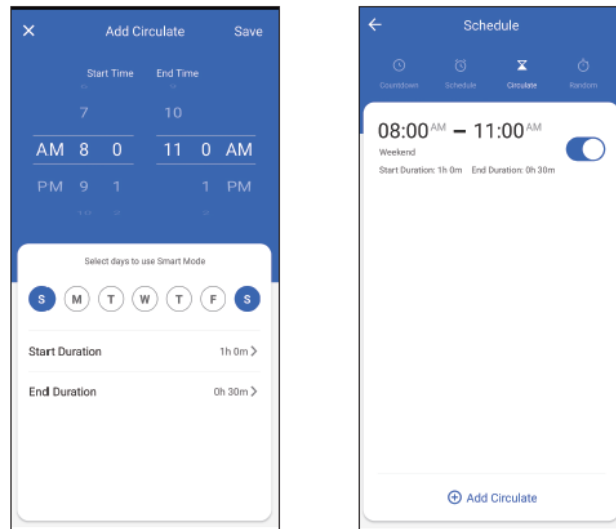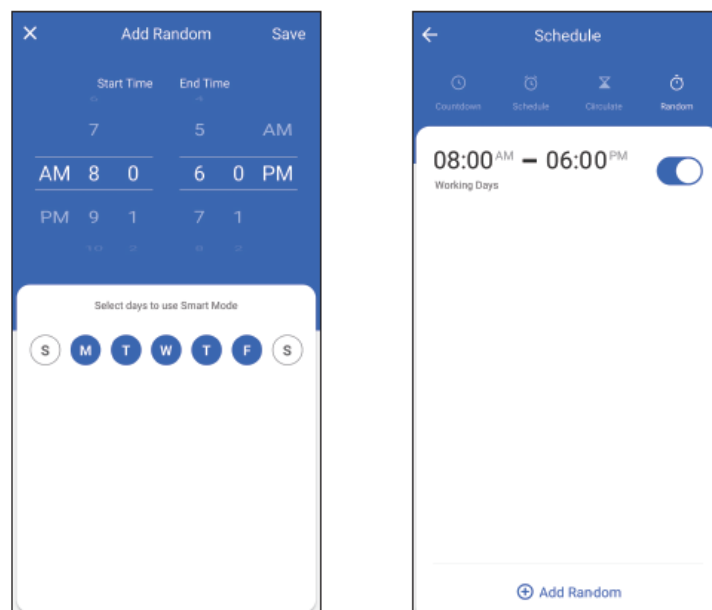

3. Random: Either +/-30 minutes than setting ON/OFF time, randomly control the device when you are away from home.

Work with Amazon Alexa
Link Smart Life account to Alexa Open your Alexa app, tap "Skills" in the menu, and then search "Smart Life" Select" Smart Life " and tap "Enable" to enable the Smart Life skills. You will be directed to the account link page. Type in your"Smart Life " account and password, and don't forget to select the country/ region where your account belongs to. And then tap "Link Now" to link your Smart Life account.

Control your smart devices
Discover devices: Echo needs to discover your smart devices before it controls them. You say "Alexa. discover devices" to Echo. Echo will discover devices that have already been added to the "Smart Life "app. You can also tap "discover devices" to discover the smart devices. Discovered devices will be shown in the list.
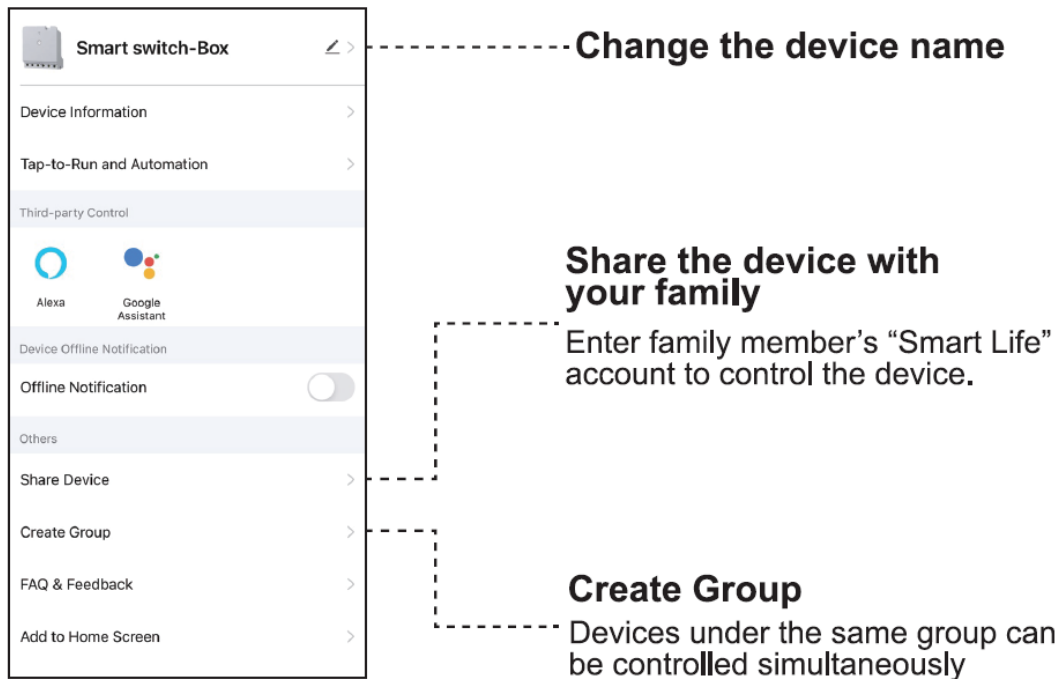**Note:** Every time you change the device's name on the Smart Life app, Echo must re-discover before you control them.

Work with Google Home
Add Device to Home Control Open your Google Home app, and add your device to Home Control of the Google

Home app. Select "Smart Life", and fill in the correct login information for your account to finish the account linking. Your device will be shown in the Home Control device list.

Other functions

Change the device name

Share the device with your family
Enter family member's "Smart Life" account to control the device.

Create Group
Devices under the same group can be controlled simultaneously

Troubleshooting and FAQ

What should I do when can not tum the Smart Box on or off?
Make sure your mobile devices and the Smart Box are connected to the same Wi-Fi network. Make sure the devices connected to the Smart Box are turned on.

What should I do when the device configuration process has failed?
You could:

1. Check whether the Smart Box is powered on or not.
2. Check whether your mobile device is connected to a 2.4GHz Wi-Fi network.
3. Check your network connectivity. Make sure the router is working properly.
4. If the router is a dual-band router, select 2.4G network and then add the smart device.
5. Enable the router's broadcasting function. Configure the encryption method as WPA2-PSK and authorization type as AES, or set both as auto.
6. The wireless mode cannot be 11 n only.
7. Check for Wi-Fi interference or relocate the smart device to another location within the signal range.
8. Check whether the router's connected devices reach the amount limit. Please try to tum off some devices' Wi-Fi functions and configure the smart devices again.
9. Check if the router's wireless MAC filtering function is enabled. Remove the device from the filter list and make sure the router is not prohibiting smart the device from the connection.
10. Make sure the password of your Wi-Fi network entered in App is correct when adding a smart device.
11. Make sure the smart device is ready for App-Config: the indicator light is quickly blinking blue (twice per second) for quick mode configuration, and slow blinking blue (once every 2 seconds) for AP mode configuration.

12. Repeat the App-Config process.
13. Factory reset the smart device and try to add it again.

FCC STATEMENT

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.
FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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 the receiver.
- Connect the equipment to 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.

One-Year Limited Warranty

Supported by DEWENWILS' professional R&D team and QC team, we provide One Year Warranty for materials and workmanship from the purchase date. Please note that the warranty does not cover damage caused by personal
misuse or improper installation. Please attach your Order ID and Name so that our dedicated customer service team can help you better.

Documents / Resources

dewenwils HOWT01C Outdoor WiFi Smart Box [pdf] Instruction Manual
HOWT01C, V20513, V20530, HOWT01C Outdoor WiFi Smart Box, Outdoor WiFi Smart Box, WiFi Smart Box, Smart Box