

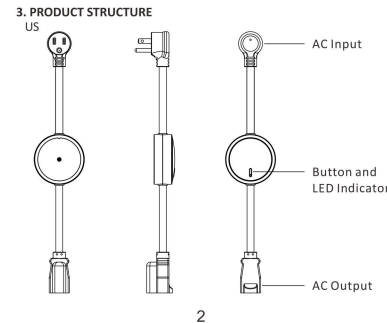
Smart Switch User Manual

HKWL-SW02WU

1. PRODUCT OVERVIEW
 HKWL-SW02WU is an WIFI smart switch , which the user can check or control the device on/off status and read the Power display and consumption on the app when this device is added on the app. It also can support voice control function through Alexa and google Home. When the device is successfully associated with the Alexa account and the Google Home account, it can be voice controlled. For example "Alexa, turn on Switch" or "OK Google, turn on Switch".

2. PRODUCT FEATURES

- Works with Amazon Alexa, Google Home and IFTTT;
- Working in 802.11 b/g/n 2.4GHz wireless network;
- Support power detection and statistics;
- Support EZ (Smart Config) and AP (Access Point);
- Support button to control AC output;
- Timing setting available;
- Firmware OTA upgrade supported;
- Over-current protection supported;
- FCC, ETL, RoHS certified(US);



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Buttom activities and LED indicator:

1) Press and hold the button for 5 seconds to enter into Wi-Fi connection (or configuration). When the device Indicator LED fast blinking in red and blue color interval, it will be EZ mode . When the Indicator LED blinking slowly, it will enter into(AP mode). EZ mode connection is set as default in Wi-Fi configuration. Press and hold the button for 5 seconds will enable the device switch between EZ mode and AP mode.

2) Short press the button to manually on/off control the device.The blue LED indicator will light on when In-Line Switch is on,The red indicator will light on when In-Line Switch is off.

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4. SPECIFICATIONS

Power supply	US:AC90-135V,60HZ
Nominal input voltage	US:AC120V
Standby power loss	≤1W
Rated current	15A max
Wireless transmitting and receiving frequency	2.412GHz-2.462GHz
Network protocol supported	IEEE802.11 b/g/n
Encryption type	WEP/TKIP/AES,WPS
Transmitting power	802.11b:17dBm±2dBm @11Mbps 802.11g:15dBm±2dBm @54Mbps 802.11n:13dBm±2dBm @MCS7_HT20
Receiving sensitivity	802.11b:-91dBm @11Mbps 8%PER 802.11g:-75dBm @54Mbps 10%PER 802.11n:-72dBm @MCS7_HT20 10%PER
Vector error EVM	802.11b:≤35% 802.11g:-28dBm max. 802.11n:-28dBm max. @MCS7_HT20
Working temperature	-10—+40°C
Storage temperature	-20—+60°C
Relative humidity	8%—80%RH

5. APP DOWNLOAD AND ACCOUNT BINDING

5.1 Scan the QR code below to download APP for Android and iOS system. Or you can download the "Smart life" APP on Apple Store and Google Play.

Android & ios

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5.2 Start the APP and register an account with your email address/mobile number (mobile number registration available for China mainland users ONLY), and then log in APP with the registered account.

6. ADD DEVICE

6.1 Click Add Devices -> All Manually ->Electrical outlet to start the device adding.

6.2 Distribution network to add device in two way :EZ mode and AP mode.

- **EZ mode**
Power on. When the device LED indicator fast blinking interval in red and blue colour. It enter into EZ mode. Input the password of the designated Wi-Fi network to include the device to Cloud. Waiting for around 60 seconds before the device inclusion process is complete.

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- **AP mode**
In-Line Switch will fast blink in red and blue color interval when powered on. Press and hold the button for 5 seconds and then release. The LED indicator will blink slowly in red and blue color interval.Choose AP Mode, select the Wi-Fi network your mobile is connected to and enter the Wi-Fi password. Select the device AP name in Wi-Fi list "SmartLife-xxxx" to finish the Wi-Fi connection. APP will jump to "connection successful" page when the Wi-Fi connection process is complete.

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6.3 Users can re-name or share the device after Wi-Fi connection is finished.

Make sure the device is working in EZ/AP mode, if the APP works in EZ/AP mode.

NOTE:

1. This product is intended for indoor use only in dry locations.
2. The maximum load of European standard intelligent switch output is 3450W. If over the load range, it's easy to damage this product. Please use this product within a safe range.
3. When the current exceeds 16.5A(3795W)under230V, the red and blue LED indicator fast blink in interval . After 10s delay, the output will be turned off and the red light will be on.
4. The maximum load of American standard intelligent switch output is 1800W. If over the load range, it's easy to damage this product. Please use this product within a safe range.
5. When the current exceeds 16.5A at 120V(1980W)under 120V, the red and blue LED indicator fast blink in interval . After 10s delay, the output will be turned off and the red light will be on.

6.4 Remove device

1) Click "Remove Device" to remove this device from your account; click "Restore manufacturer Defaults" to remove the device from your account and clear the history record in cloud;

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2) After remove device or Restore manufacturer defaults from the APP, repeating the Device add steps to your account.

7. QUICK GUIDE OF USING AMAZON ECHO TO CONTROL SMART DEVICES

7.1 What you need to get started
 Before using Echo to control your smart devices, please make sure that the following conditions are met:

- Stable Wi-Fi network which could access to Amazon server.
- An Echo device, such as Echo, Echo Tap, or Echo Dot.
- A valid Amazon Alexa account.
- Smart life APP and a registered account.
- At least one device under your Smart life account.

7.2 Add devices in Smart life app (Refer to App Instruction)
 You can skip this part if you've already added some devices to your Smart life account.

- **Download Smart life app (Refer to App Instruction)**
Search "Smart life" in App Store or Google Play to install the app. iOS version download: **App Store**
Android version download: **Google Play**
- **Register a Smart life account and sign in the app (Refer to App Instruction)**
- **Add device and re-name the device (Refer to App Instruction)**

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7.3 Link Smart life account to Echo
 1) Tap "Skills" in the hamburger menu, then search "Smart Life". Select "Smart Life" and tap "ENABLE" to enable the Skill.

2) You will be re-directed to the account link page. Type in your Smart life account and password, don't forget to select the country/region where your account belongs to. Then tap "Link Now" to link your Smart life account. The country/region, the account, and the password must Match exactly/be the same with the Smart life account. Close the window when "Alexa has been successfully linked with Smart Life" notice is prompted out.

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7.4 Control your smart devices through Echo

• Discover devices
 Echo needs to discover your smart devices for voice control. You can say "Alexa, discover devices" to Echo. Echo will discover devices which have already been added in the Smart life app. You can also tap "DISCOVER" to discover the smart devices. Discovered devices will be shown in the list.

Note:

- Echo needs to go through "Discover" again after the device is re-named on Smart life APP.
- If the Echo cannot find the devices added in Smart life APP, please disable the Smart Life skill first and go through the Smart Life skill "ENABLE", APP account login and device discover again to make Echo voice control work.

• Voice control your devices
 Now you can control your smart devices through Echo. Here below is an example of how to voice control the device "Switch" with Echo:

- Alexa, turn on Switch
- Alexa, turn off Switch

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8. QUICK GUIDE OF USING GOOGLE HOME TO CONTROL SMART DEVICES

8.1 Control your smart devices through Google Home
 Before using Google Home to control your devices, make sure the following conditions are met:

- A Google Home device, or Android phone with Google Assistant.
- Latest Google Home app.
- Latest Google app (Android only).
- A Google account.
- The device display language must be set to English US.
- Smart life app and a related account.
- Smart devices.

8.2 Add devices in Smart life app (Refer to App Instruction)
 You can skip this part if you've already added some devices to your Smart life account. And refer to 7.2 Add devices in Smart life app for adding devices in Smart life APP.

8.3 Link Smart life account in Home Control
 1) Tap "Home Control" in the hamburger menu on the Google Home app's home page, then tap "+".

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2) Find "Smart Life" in the list. In the new window, select your Smart life account's region, type your Smart life account and password, then tap "Link Now". After you assign rooms for devices, your devices will be listed in the Home Control page.

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8.4 Control your smart devices through Google Home
 Now you can control your smart devices through Google Home. Here below is an example of how to voice control the device "Switch" with Google Assistant:

- Ok Google, turn on Switch
- Ok Google, turn off Switch

9. QUICK GUIDE OF SETTING IFTTT APPLET WITH In-Line Switch Plus AS TRIGGER

Before using IFTTT to get this device state, make sure the following conditions ready:
 An IFTTT account;
 At least one Smart device is added in your account;

9.1 Login your IFTTT account on PC or on Mobile Phone APP.
 9.2 Link your account to IFTTT account (PC as sample).
 1) Search in IFTTT website for "Smart Life", and then click "Smart Life" service;

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2) Select "Connect", then an Device App account information is required to input; account and password and Select your device account's region. After the successful linked with your device account, click the "Authorize" to finish the account link.

9.3 Setup the IFTTT applet.
 1) From My Applets, click New Applet to create a new Applet;

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3) Create an Action.
 Click "that" to link to an Action. An "Email" action is used as a sample to send your email while the In-Line Switch is turned on,

Complete action fields

Review and finish

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2) Create a trigger:
 Click "this" to determine a trigger. As listed, the In-Line Switch support "Turned on" and "Turned off" actions. Choose one of as a trigger, for example, "Turned on".

For example: "If In-Line Switch is turned on, then send me an email xxxxxxx@gmail.com" is created as an IFTTT applet.

10.FCC NOTICE (for USA)
 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.
 (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance, such modifications could void the user's authority to operate the equipment.

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

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RF Warning statement:
 To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

11. FAQ
Q: The device fails to be added in account?
A: 1. Make sure the Wi-Fi network is 802.11 b/g/n 2.4GHz;
 2. Make sure the device works with APP in same Wi-Fi Configuration mode: EZ or AP;
 3. Make sure the input SSID and password of the Wi-Fi network are correct;
 4. Make sure Wi-Fi internet connection is working fine;
 5. Make sure the device is powered on;

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Q: The device can't control remote control devices.
A: 1. Make sure the device is in your Main Device List in APP;
 2. Make sure the device is powered on;
 3. Make sure the Wi-Fi internet is work fine;
 4. Make sure the Mobile phone internet connection is available;

Q: The device does not work with Alexa or Google Home?
A: 1. Make sure the device is added in your Device APP;
 2. Make sure your device is linked to Alexa or Google Home account;
 3. Make sure your Alexa devices or Google Home devices are working fine;
 4. Make sure the device is working fine in Device APP;

Q: Why I can use Google action successfully before but now is failed?
A: Claimed by Google policy that Google can't provide Google action service to Chinese account, therefore Chinese account is unsupported to use Google action. Chinese account will receive according message during account authorization. If customer in China mainland want to use action service, please use non-Chinese account.

If you still have other questions about the app and device, you can check the related questions by the feedback. If you still can't find it, you can select "Unresolved (Feedback Again)" to feedback.

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