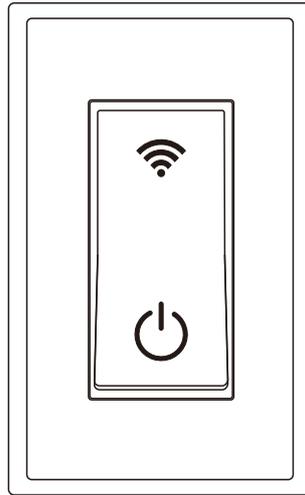




## User Guide

YS5705-UC



In-wall Switch

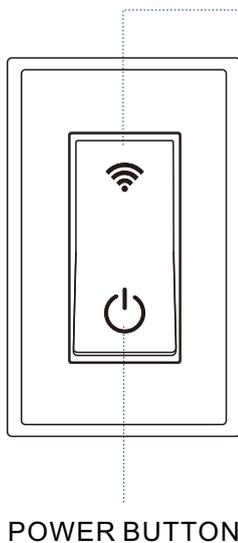
# Contents

Introduction	1
Features	2
Product Requirements	2
Set Up In-wall Switch	3
Installation	7
Using YoLink App with In-wall Switch	11
YoLink Control	16
Maintaining the In-wall Switch	19
Specifications	21
Troubleshooting	22
Customer Service & Warranty	23

# Introduction

In-wall Switch, is a standard, single-pole, wall light switch that can be controlled via your iOS or Android devices. Along with the YoLink App, connect the In-wall Switch to your home network, then control your lights and create custom lighting automation from anywhere, at anytime with an Internet connection.

LED lights can show the current status of device. See the explanation below:



- **White**  
The switch is on.
- **Red**  
The switch is off.
- ⦿ **Blinking Blue**  
Connecting to cloud.
- ⦿ **Fast Blinking Blue**  
Set up connection with devices.
- ⦿ **Slow Blinking Blue**  
Updating.
- ⦿ **Irregular Blinking Blue**  
Remove connection with devices.
- ⦿ **Irregular Slow Blinking Blue**  
Factory resetting.

# Features

**Control from anywhere** - Control your In-wall Switch remotely via YoLink App on your iOS or Android device.

**Timer & Schedule** - Automatically turn on or off light after or at a certain time.

**Scene** - One-click control. Tap the scene button to automatically turn on or off your In-wall Switches and action of other devices.

**Automation** - Set up rules for “If this then that” function.

**Voice Control** - Use Alexa or Google Assistant to control your devices with voice commands.

**YoLink Control** - No internet is required, turn on or off your In-wall Switch when you set up your switch with a sensor or remote controller.

# Product Requirements

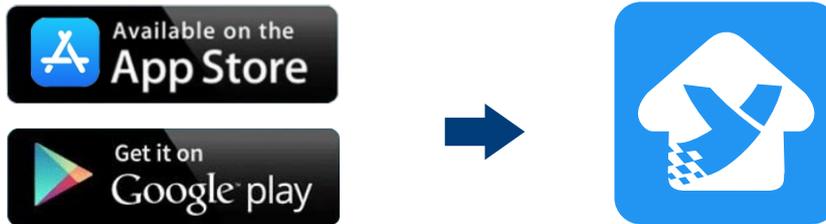
1. A YoLink Hub.
2. A smartphone or tablet running iOS 9 or higher; Android 4.4 or higher.
3. In-wall installation with hardwired connections.
4. Neutral wire required.
5. Single-pole light switch. The electrical box should be more than 2 inches deep.

# Set Up In-wall Switch

Follow the steps below to set up your In-wall Switch via YoLink App.

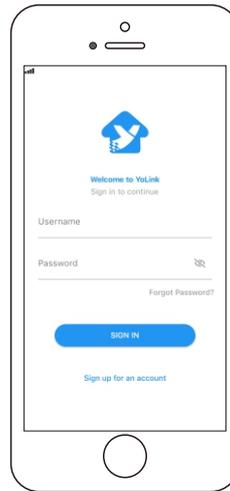
## Step 1: Set up YoLink App

- Get the YoLink App from the Apple App Store or Google Play.



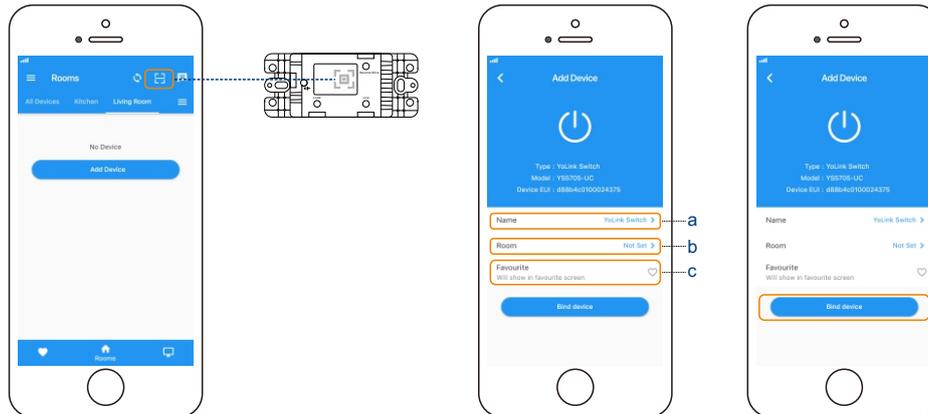
## Step 2: Log in or sign up with YoLink account

- Open the App. Use your YoLink account to log in.
- If you don't have a YoLink account, tap **Sign up for an account** and follow the steps to sign up an account.



## Step 3: Add device to YoLink App

- Tap the “” in YoLink App. Scan the **QR Code** on the device.
- You can customize the name, set the room, add to/remove from favourite.
  - a. **Name** - Name In-wall Switch.
  - b. **Room** - Choose a room for In-wall Switch.
  - c. **Favourite** - Click “” icon to add/remove from Favourite.
- Tap the “Bind Device” to add the device to your YoLink account.
- Follow the **Installation** to install the device, power it on. And the device is ready to go.

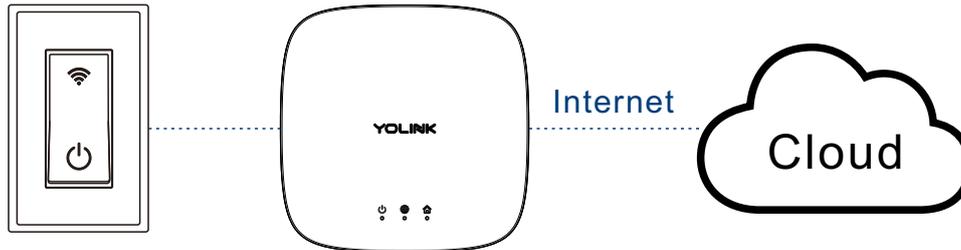


## Step 4: Connect to the cloud

- Power on the In-wall Switch and your device will connect to the cloud automatically.

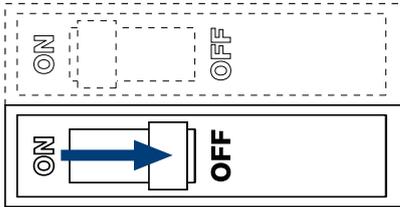
### Note

- Follow the following page to install the device first.
- Make sure you hub is connected to internet.



# Installation

1. Turn off the power to the switch at the main circuit breaker or fuse panel.



## WARNING: SHOCK HAZARD

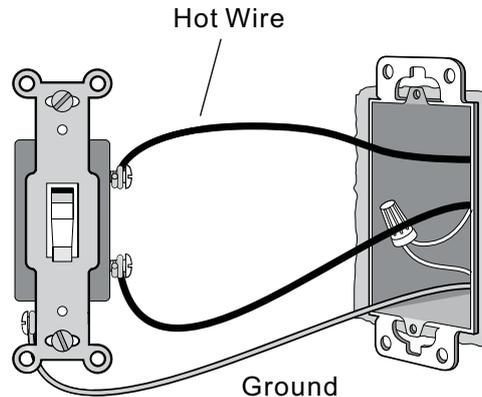
- May result in serious injury or death. Turn off power at circuit breaker or fuse before installing.

## Important

- The fixture controlled by the in-wall switch must not exceed 960 watts (incandescent), 800w (10A) resistive or hp motor. The switch is designed only for use with permanently installed fixtures.
- All wiring connections must be made after power down to avoid personal injury and/or damage to the switch.
- This device is intended for installation in accordance with the national electric code and local regulations in the United States, or Canadian electrical code and local regulations in Canada.
- If you are unsure or uncomfortable about performing this installation, consult a qualified electrician.

2. Unscrew and remove the switch plate; then use a voltage tester to make sure that the circuit is dead.

3. Unscrew the switch from the electrical box and pull it out with the wires still attached.



Two or three wires will be attached to the switch: an incoming hot wire, which is black; a return wire, which carries the load to the fixture and may be black, red, or any other color except green; and sometimes a grounding wire, which is green or bare copper. There may be other wires in the box, but you are only dealing with the ones connected directly to the switch.

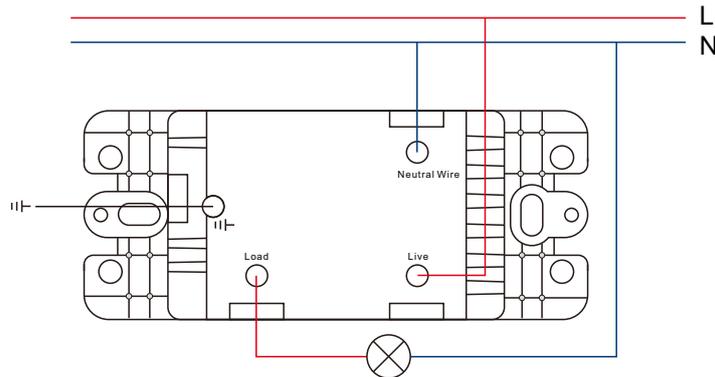
You may find a white wire that has black tape on it connected to the switch. This tape indicates that the white wire is being used as a black or colored wire in the switch leg, so it's not neutral.

4. Compare your new switch with the one you're replacing to find the corresponding locations for the electrical screw connectors.

Because the power is off, you can match up the connectors the easy way: Instead of disconnecting all the wires at once and possibly getting confused, unscrew and connect one wire at a time.

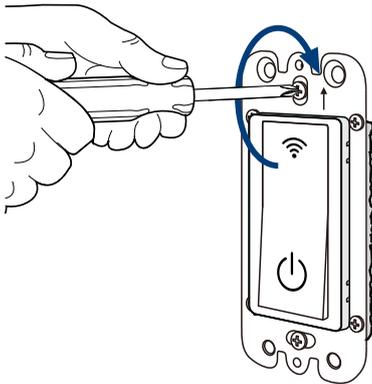
5. Attach the first wire you unscrew to the same-colored screw on the new switch as it was on the old; do the same with the second.

To connect a wire to a terminal, strip off about 1/2 inch of insulation, using a wire stripper, and twist the end into a clockwise loop with long-nose pliers. The loop must wrap at least two-thirds but no more than three-quarters of the way around the terminal screw. Hook the wire clockwise around the screw so when you tighten the screw with a screwdriver, the clockwise force of the tightening screw makes the loop wrap tighter around the screw.

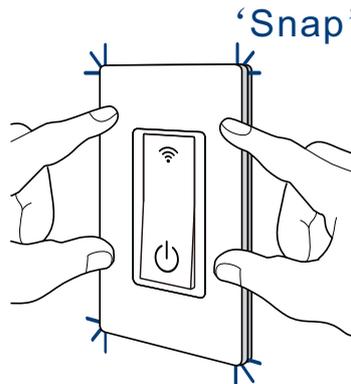


6. Gently push the new, wired switch back into the electrical box and screw it in place.

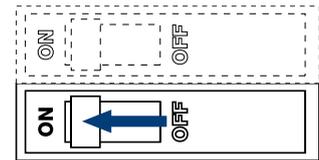
7. Snap on the switch plate and turn power on at circuit breaker.



Screw the switch



Snap on the plate



Turn on the power

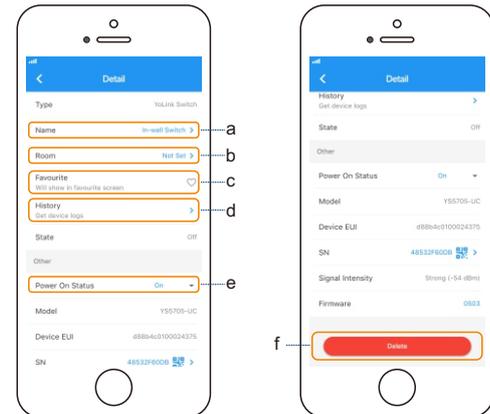
# Using YoLink App with In-wall Switch

## Details

You can customize the name, set the room, set power on again status, add to/remove from favourite, check device history.

- Name** - Name In-wall Switch.
- Room** - Choose a room for In-wall Switch.
- Favourite** - Click “  ” icon to add/remove from Favourite.
- History** - Check the history log for the Switch.
- Power on Again Status** - Choose power on again status for In-wall Switch.
- Delete** – The device will be remove from your account.

- Tap the “In-wall Switch” in App to go to its controls.
- Tap the “  ” icon at the top-right corner to go to details.
- Tap the icon for each of the settings you want to personalize.



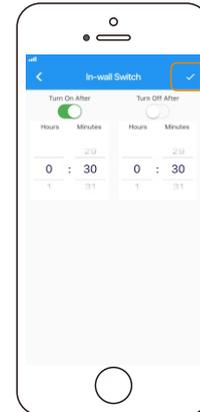
## Timer

With YoLink App, you can set up a timer to turn on or/and off your In-wall Switch.

- Tap the “In-wall Switch” in App to go to its controls.
- Tap “Timer” for timer setting.
- Choose action from “ON”, “OFF”, or “ON then OFF”.
- Set the timer duration in Hours and Minutes.
- Tap “ ✓ ” icon to save.

### Note

- One timer will run only once. You can set a new timer after the timer has already run or once you cancel it.
- The Timer here is running at device without internet.



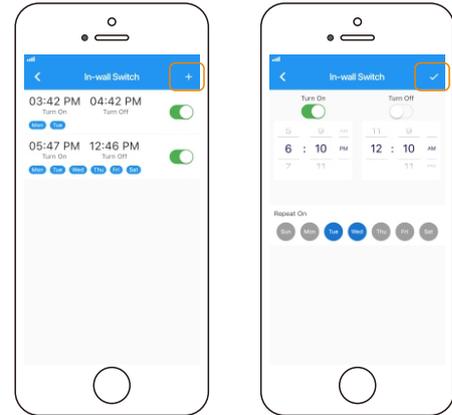
## Schedule

You can create ON/OFF schedules to automate your plugged-in devices to work around your home and work schedules.

- Tap the “In-wall Switch” in App to go to its controls.
- Tap “Schedule” to open the Schedule screen, tap “ + ” to add a new schedule.
- Within the Add Schedule screen, set the time, your preferred state (“ON”, “OFF” or “ON then OFF”) for the connected device, and repeating frequency.
- Tap “ ✓ ” icon to save.
- Activate or deactivate the schedule at schedule screen.
- Swipe left each schedule to edit or delete it.

### Note

- You can keep maximum 6 schedules at one time.
- The schedule here is running at device without internet.
- You may try to add schedule at Automation where you can add as many as you want. The automation setting is saved in cloud.



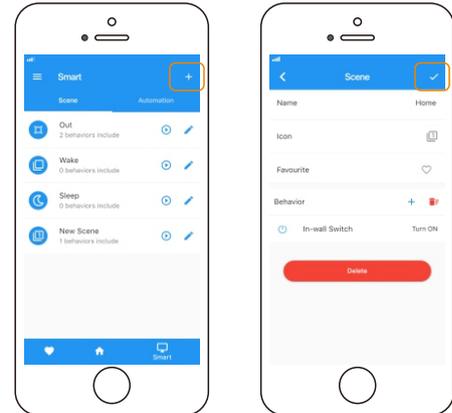
## Scene

Set one-click control for multiple devices in your YoLink App. You only run a scene via your YoLink App.

- Tap “Smart” to switch to Smart Screen.
- Tap “ + ” to create your own Scene.
- To set a Scene, you will be able to put one or more devices under this scene, and define their actions and/or states.
- To execute a Scene, you may tap any scene at “Smart” or “Favourite” if you mark it as favourite.
- Swipe left any Scene order to edit or delete it.

### Note

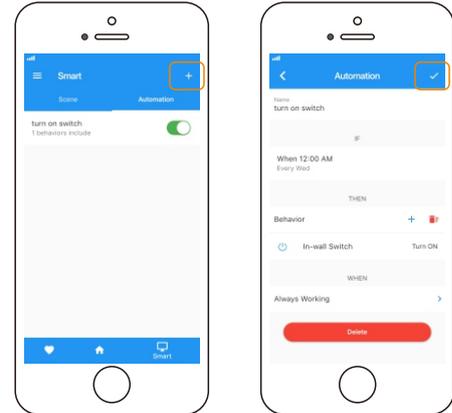
- You must have at least one YoLink Device in order to create a Scene.



# Automation

Automation allows you to set up “If This Then That” rules so the devices could act automatically.

- Tap “Smart” to switch to Smart screen and tap “Automation”.
- Tap “ + ” to create an automation.
- To set an Automation, you will need to set a trigger time, local weather condition, or choose a device with certain stage as a triggered condition. Then set one or more devices, scenes to be executed.



# YoLink Control

YoLink Control is our unique “device to device” control technology. Under YoLink Control, the devices can be controlled without internet or Hub. Device which send out command is called controller(Master). Device which receive command and act accordingly is called responder(Receiver). Controller and responder list will show you below.

You will need to set it up physically.

## Controller List

- YS7704-UC Door Sensor
- YS7705-UC Garage Door Sensor
- YS7804-UC Motion Sensor
- YS7903-UC Leak Sensor
- YS3603-UC YoLink Remote
- YS6602-UC YoLink Plug
- YS6604-UC YoLink Plug Mini
- YS5705-UC In-wall Switch
- YS6704-UC In-wall Outlet
- YS6801-UC Smart Power Strip

Continuously updating..

## Responder List

- YS6602-UC YoLink Plug
- YS6604-UC YoLink Plug Mini
- YS5705-UC In-wall Switch
- YS6704-UC In-wall Outlet
- YS6801-UC Smart Power Strip

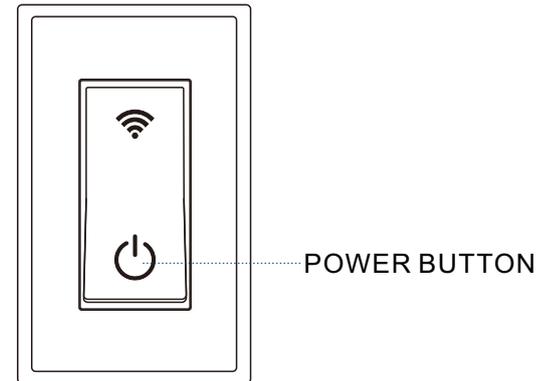
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## Pairing

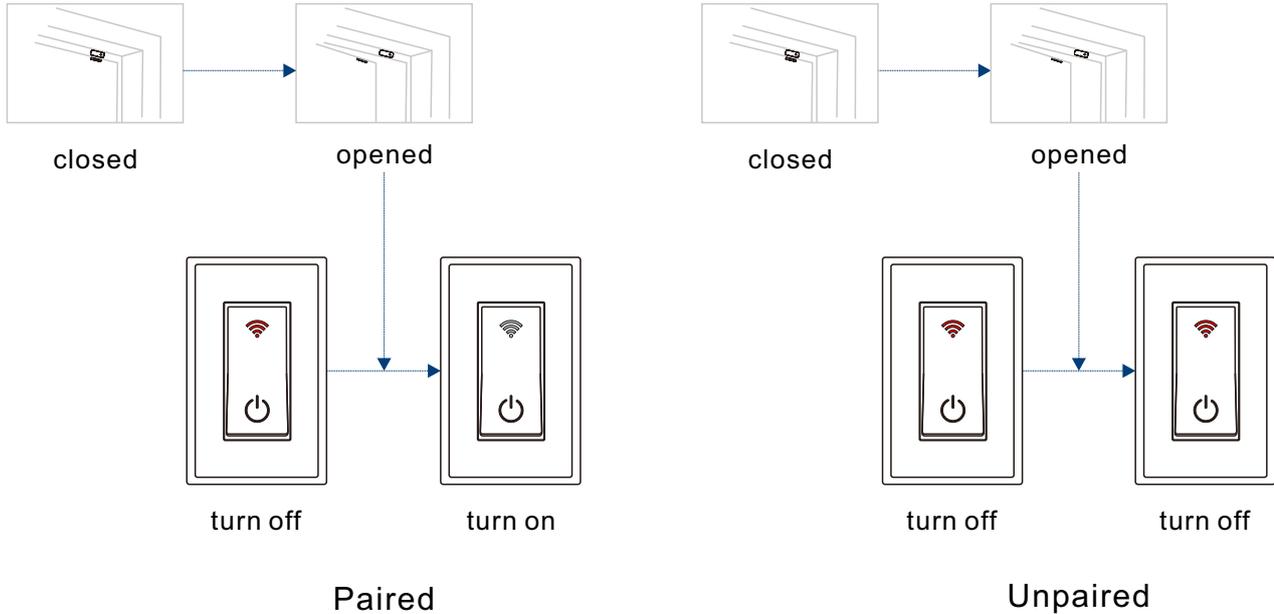
- Find an in-wall switch as controller(Master). Hold the power button for 5-10 seconds, the light will flash blue quickly.
- Find another action device as responder(Receiver). Hold the power/set button for 5-10 seconds, the device will enter pairing mode.
- After pairing succeed, the light will stop flashing.
- When the in-wall switch turns on, the responder will turn on as well. When the in-wall switch turns off, the responder will turn off as well.

## Unpairing

- Find a controller(Master) in-wall switch. Hold the power button for 10-15 seconds, the light will flash irregular blue.
- Find a responder(Receiver) action device. Hold the power/set button for 10-15 seconds, the device will enter un-pairing mode.
- The above two devices will unpair by themselves and the light stops flashing.
- After unbundling, When the in-wall switch turns on, the responder will no longer turn on. When the in-wall switch turns off, the responder will no longer turn off.



# YoLink Control Diagram



# Maintaining the In-wall Switch

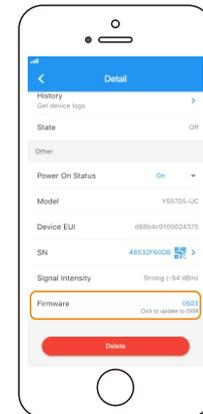
## Firmware Update

Ensure our customer have the best user experience. Highly recommend you could update our newest version firmware.

- Tap the “In-wall Switch” in App to go to its controls.
- Tap the “ : ” icon at the top-right corner to go to details.
- Tap “Firmware”.
- The light will be slowly blinking blue during the update and stop blinking when the update done.

### Note

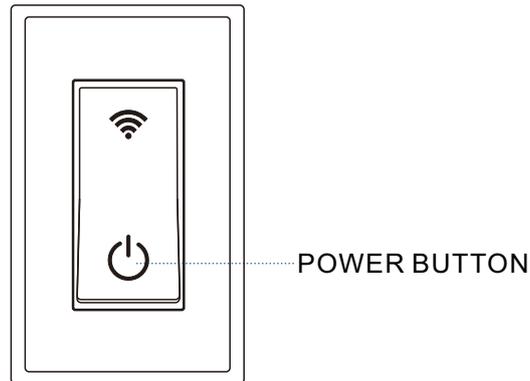
- Only the In-wall Switch that is currently reachable and has an available update will be shown in the Details screen.



## Factory Reset

Factory reset will erase all your settings and bring it back to default. After the factory reset, your device will still in your Yolink account.

- Hold the power button for 20-25 seconds until the LED blinks irregular blue slowly.
- Factory reset will be done when the light stops flashing.



# Specifications

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Input/Output Voltage: AC100-120V 60Hz

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Maximum Current: 10A

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Maximum Load: Incandescent Bulb: 960W  
Fluorescent Lamp: 400W

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Environment: Temperature: -30°C ~ 70°C (-22°F ~ 158°F)  
Humidity: 10%~90% non-condensing

---

# Troubleshooting

Problem	Possible Reason	Solution
In-wall switch is offline.	Hub is offline.	Please reconnect your hub to the Internet and press the power button of the in-wall switch once.
	Hub is powered off.	Please power on the hub again and press the power button of the in-wall switch once.
	In-wall switch does not power on.	Please power on the in-wall switch.
	Product defective.	Please contact customer service.
Timer does not run.	There was a power blackout before timer executes.	Please press the power button once to turn on/off the in-wall switch, also you can turn on/off the in-wall switch via YoLink App or set a new timer.
Other problems.	Product defective.	Please contact customer service.

**If you are unable to get your switch working  
Please contact Our Customer Service during business hours**

US Live Tech Support: 1-844-292-1947 M-F 9am - 5pm PST

Email: [support@YoSmart.com](mailto:support@YoSmart.com)

YoSmart Inc. 17165 Von Karman Avenue, Suite 105, Irvine, CA 92614

**WARRANTY** 1 Year Limited Electrical Warranty

YoSmart warrants to the original residential user of this product that it will be free from defects in materials and workmanship, under normal use, for 1 year from the date of purchase. User must provide a copy of original purchase receipt. This warranty Does Not Cover abuse or misused products or products used in commercial applications. This warranty does not apply to switches that have been improperly installed, modified, put to a use other than designed, or subjected to acts of God (such as floods, lightning, earthquakes, etc.). This warranty is limited to repairing or replacing of this switch only at YoSmart's sole discretion. YoSmart will NOT be liable for the cost of installing, removing, nor reinstalling this product, nor direct, indirect, or consequential damages to persons or property resulting from the use of this product. This warranty only covers the cost of replacement parts or replacement units, it does not cover shipping & handling fees.

To implement this warranty please give us a call during business hours at 1-844-292-1947, or visit [www.yosmart.com](http://www.yosmart.com).

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## FCC Statement

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.

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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

## FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

“To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.”