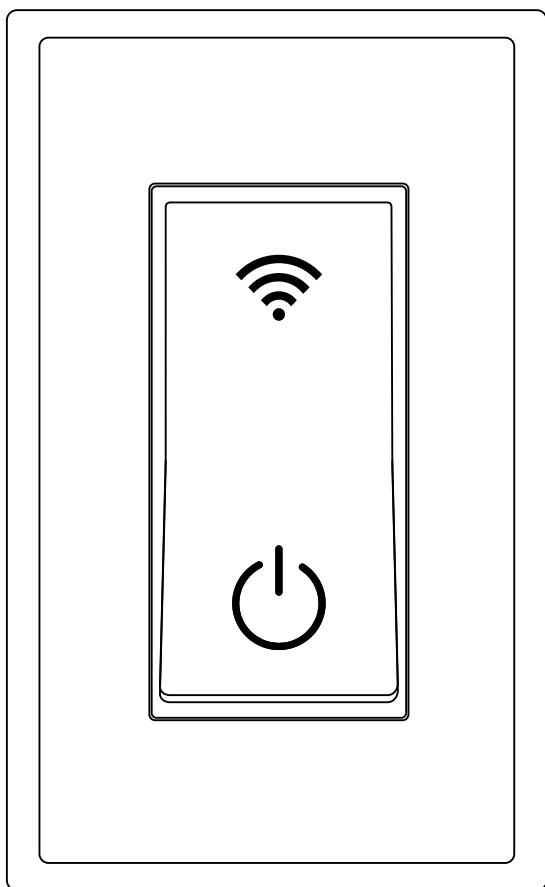




In-Wall Switch

YS5705-UC



Installation & User Guide

Revision Jun. 02, 2026

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Welcome!

Thank you for purchasing YoLink products! We appreciate you trusting YoLink for your smart home & automation needs. Your 100% satisfaction is our goal. If you experience any problems with your installation, with our products or if you have any questions that this manual does not answer, please contact us right away. See the Contact Us section for more info.

Thank you!

YoLink Customer Support

User Guide Conventions

The following icons are used in this guide to convey specific types of information:



Very important information
(can save you time!)



Good to know info but may not
apply to you

B Before You Begin

Visit our In-Wall Switch support page on our website, for the latest installation guides, additional resources, information and videos by visiting:

<https://www.yosmart.com/support/YS5705-UC>

Or by scanning the QR code:



Download the most current version of the user guide by scanning the QR code:



B Before You Begin, Continued

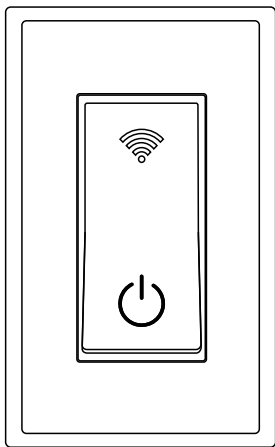


Your In-Wall Switch connects to the internet via a YoLink hub, and it does Not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a hub is required. This guide assumes the YoLink app has been installed on your smartphone, and a YoLink hub is installed and online (or your location, apartment, condo, etcetera, is already served by a YoLink wireless network).

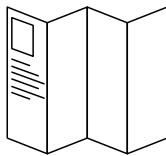


Please note: the In-Wall Switch requires a neutral wire! It will not function without a neutral wire. As explained in the Installation section, you must identify the neutral wire in the switch's electrical box. If a neutral wire is not present, one must be installed. Consult with or hire a qualified and properly licensed electrician, as required.

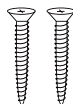
C In the Box



In-Wall Switch



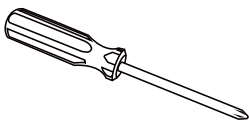
Quick Start Guide



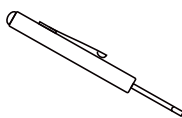
Electrical Box Screws(2)

D Required Items

Tools you will need:

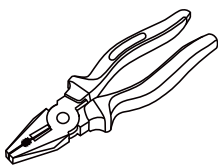


Medium Phillips Screwdriver



Small Slotted Screwdriver

Tools you may need:



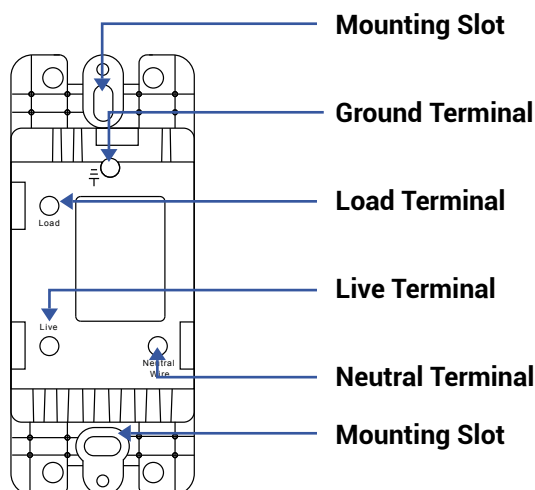
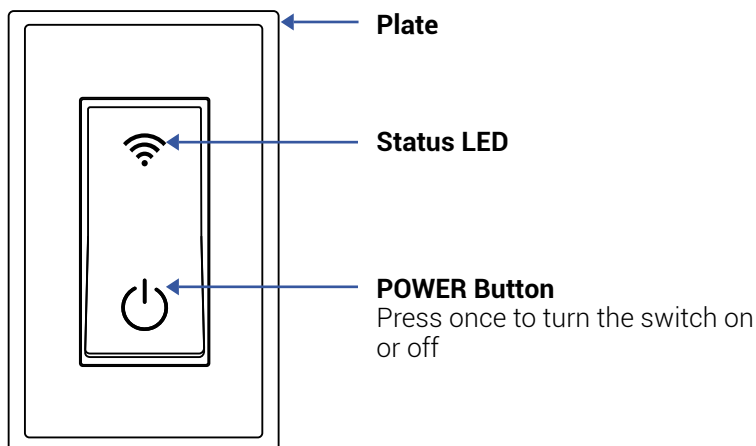
Wire Strippers or Cutters



Multimeter

E

Get to Know Your Smart In-Wall Switch



LED Behaviors



White
Switch is On



Red
Switch is Off



Blinking Blue
Connecting to Cloud



Fast Blinking Blue
Control-D2D Pairing in Progress



Slow Blinking Blue
Updating



Irregular Blinking Blue
Control-D2D Unpairing in Progress



Irregular Slow Blinking Blue
Restoring to Factory Defaults



Install the App

If you are new to YoLink, please install the app on your phone or tablet, if you have not already. Otherwise, please proceed to the next section.

Scan the appropriate QR code below or find the “YoLink app” on the appropriate app store.



Apple phone/tablet
iOS 9.0 or higher



Android phone/tablet
6.0 or higher

Open the app and tap **Sign up for an account**. You will be required to provide a username and a password. Follow the instructions, to set up a new account. Allow notifications, when prompted.

You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

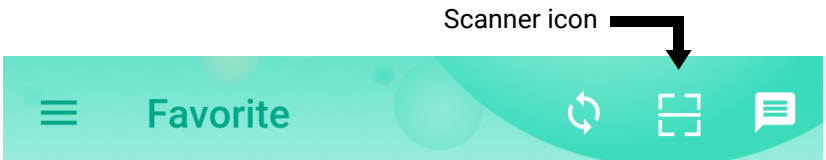
Log in to the app using your new username and password.

The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

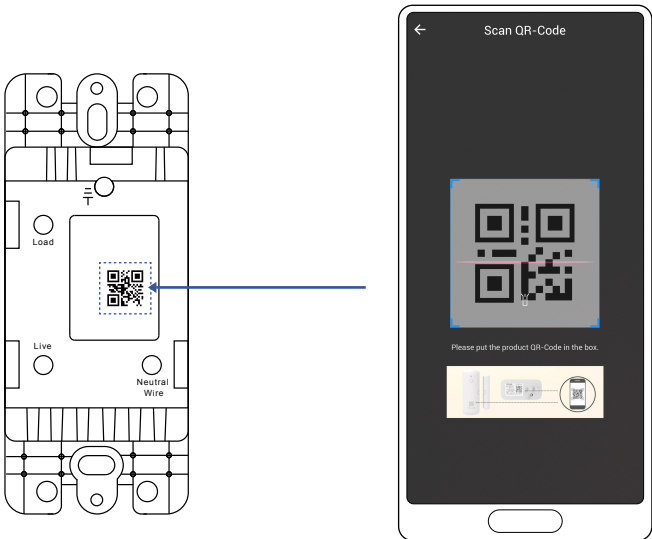


Add Your Switch to the App

1. Tap **Add Device** (if shown) or tap the scanner icon:



2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



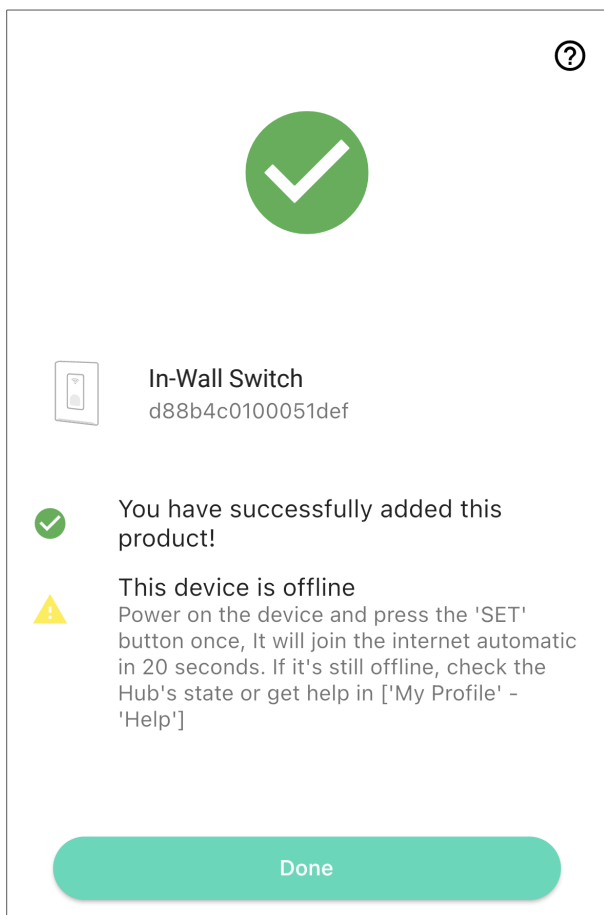
3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.



Add Your Switch to the App, Continued

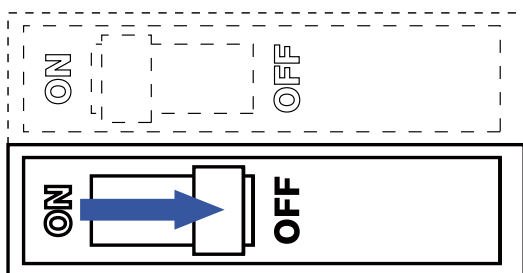
4. You can change the device name and assign it to a room later. Tap **Bind device**.

5. If successful, the screen will appear as shown. Tap **Done**.



H Installation

1. Turn off the circuit that serves the switch at the circuit breaker panel (or other means of disconnecting the AC power to the circuit). Do NOT work on “hot” electrical wiring! Verify that power has been removed to the light switch, by testing the switch, and by using a multimeter or other type of voltage tester before removing any wires from the switch.



If replacing an existing switch, proceed to the next step. For new installations, skip ahead to step 8

2. Using a slotted screwdriver, remove the switch faceplate, then using a slotted or Phillips screwdriver, remove the switch and pull it away from the wall. Retain the screws; do not discard.

3. Before removing any wiring from the switch, identify the wires on the switch and in the electrical box:

H Installation, Continued

Ground wire: this wire is typically a bare copper wire, but it may have a green jacket (insulation), or it may have another color insulation with green tape identifying it as a ground. Additional means of identification are the wire is terminated on (connected to) a green screw on the switch, and/or the screw or wire connection has a designation such as “GND” and/or includes the universal earth ground icon:



Line or Hot Wire: this wire is typically black, but can be red or another color, but if not it may be marked as the hot wire with black or red tape. One of the wires on the existing light switch should be the hot wire. Another way of identifying this wire is that it may be connected to other wires in the box. If the box contains multiple switches, for example, there will typically be a hot wire that connects to each switch. Observe each of the non-ground wires on the switch, looking for connections to other black (or red) wires under a “wire-nut” or similar wire connector.



Installation, Continued

Switch Leg Wire: this wire is typically black, but may be red or another color. This is the wire that is energized when the switch is on. After you have identified the ground and the hot wires on the existing switch, the remaining wire should be the switch leg wire. This wire can also be helpful in identifying the neutral wire. While the existing switch you are replacing with the Dimmer Switch may not have required a neutral wire, the light that it controlled does require a neutral wire. Follow the switch leg wire to its connections to another wire, or for it to join a “multi-conductor” cable (a larger jacketed cable with two or more different conductors within it). If the switch leg wire is in a yellow jacketed cable, for example, that also has a white and a bare copper wire with in it, this cable most-likely serves the existing light, and you have also identified the neutral wire.

Neutral Wire: this wire is typically white. As explained above, the light that is controlled by the existing switch will require a neutral wire, making it easier to identify if it is in the box. Otherwise, look for multiple white wires under one wire connector in the electrical box. If you find a white wire with black tape, this is likely a wire NOT used as a neutral; do not use this wire! If you are still unable to identify a neutral wire, stop and consult an electrician to have one installed, otherwise contact us regarding questions about returning your Dimmer Switch, if so desired.

H Installation, Continued

4. Identify each wire with a marker, tape or other labeling method, as desired, so they are not confused with each other during the wire termination step.

5. After the wires on the existing switch have been identified (and labeled, if desired), remove them from the existing switch.

6. Prepare to terminate (connect) the wires to the In-Wall Switch. Refer to Figure 1. The following wires should have been removed from the existing switch, ready to terminate on the new switch:

- Ground wire
- Switch leg wire (to light/lights)
- Hot/Line/Live wire

If there are multiple neutral wires in the box, as shown in Figure 1, you may need to furnish a jumper wire, to connect the neutral wires to the In-Wall Switch. If you do not have wire on hand, if there is enough spare length or slack in the wires, you may be able to cut off a short section, to make a jumper wire.

7. Each wire must have the end stripped (insulation removed) approximately $\frac{1}{2}$ inch, and straight. Straighten or trim off any bare wire loops that were used on the existing switch.



H Installation, Continued

8. Terminate the wiring on the In-Wall Switch. Insert the respective wire into the appropriate screw terminal on the switch:

- Neutral wire in Neutral terminal
- Hot/Live wire in Live terminal
- Switch leg/light wire in Load terminal
- Ground wire in Ground terminal

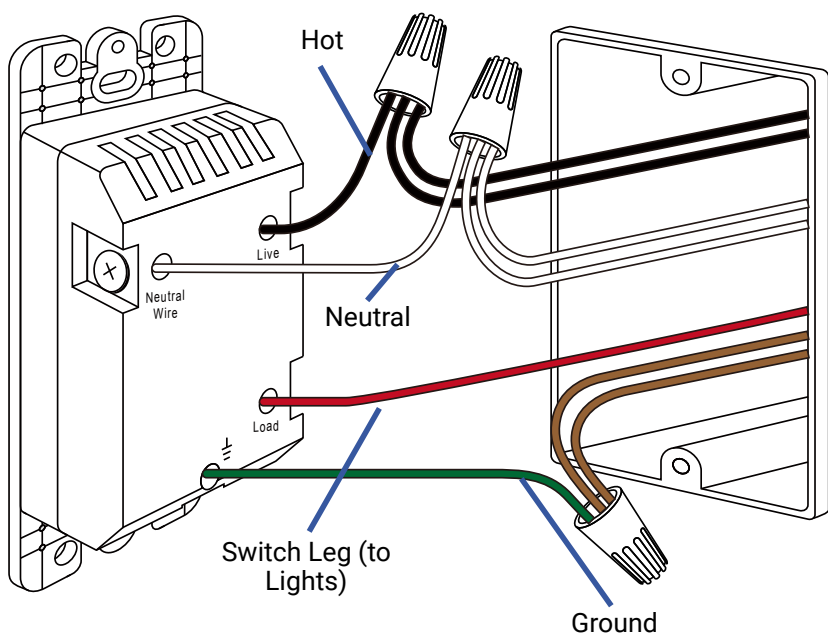
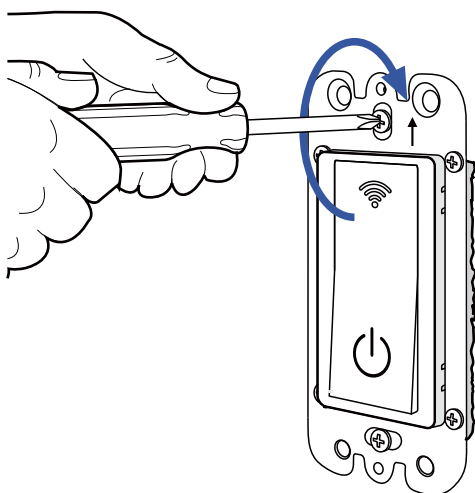


Figure 1

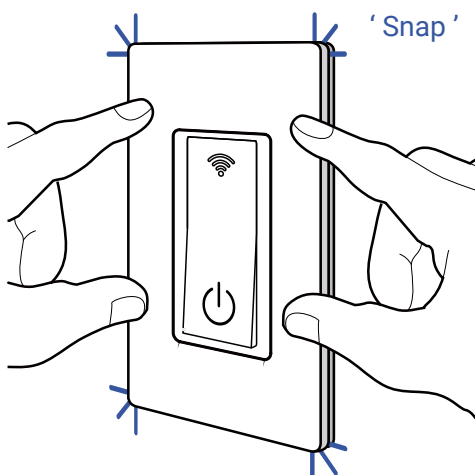
9. Check each wiring connection by gently tugging on each wire, ensuring it does not pull out of the screw terminal or appear loose. Redo any that do not pass this test.

H Installation, Continued

10. Gently push the wiring and the switch into the electrical box. Then, using the original or included screws, secure the In-Wall Switch to the box.

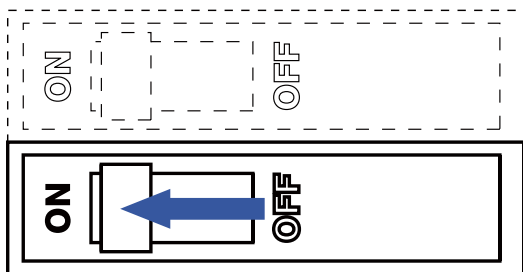


11. If your In-Wall Switch is installed in a multi-gang box, save or discard the decorative trim plate. Otherwise, snap the plate over the switch, snap the plate over the switch.



H Installation, Continued

12. Turn on power to the circuit by returning the circuit breaker to the on position (or reconnect power per your applicable circuit disconnection method).



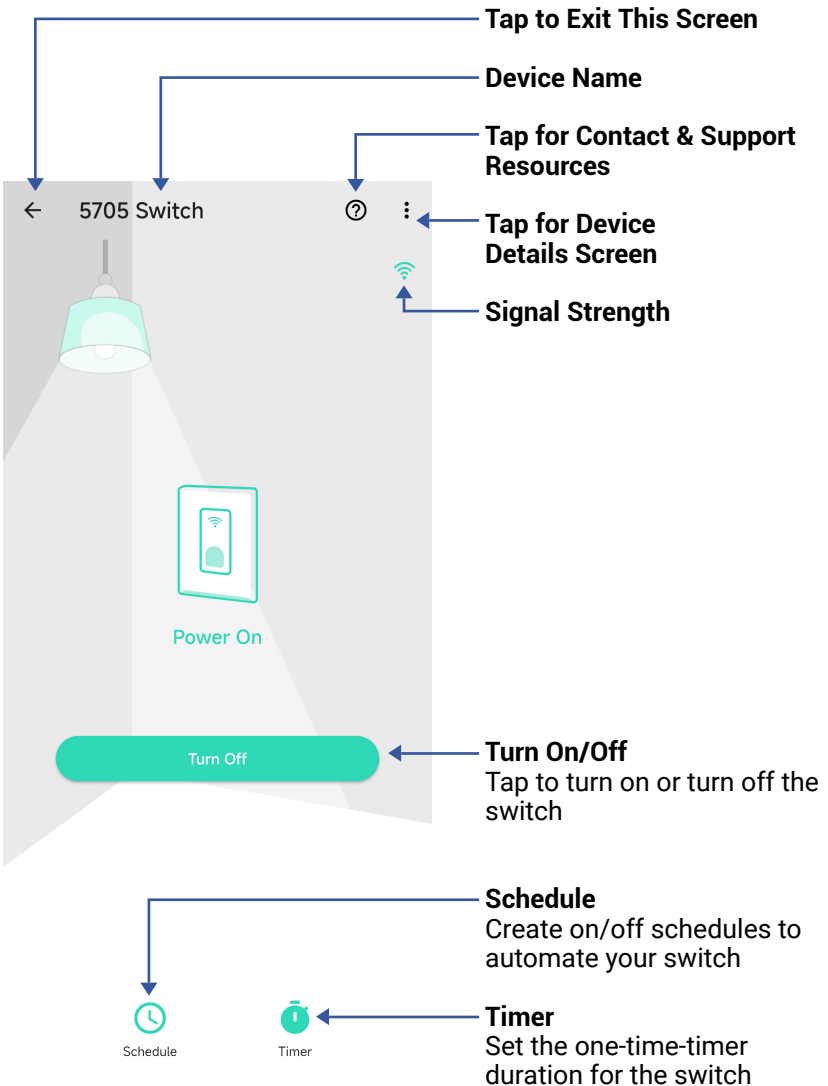
13. Test the switch by turning it off and on and verifying the lights turn off and on with it.

14. Check the status of the switch in the app. It should be indicated as online.



App Functions: Device Screen

In the app, tap on your In-Wall Switch icon. Your In-Wall Switch main screen should be similar to the one shown below.





App Functions: Device Details Screen

Tap the three dots (in the upper right corner) to open the In-Wall Switch **Details** screen. Your In-Wall Switch screen should be similar to the one shown below.

Device Type

Device Name
(Tap to Edit)

Room
(Tap to Edit)

Favorite
(Red if Favorite, Tap to Edit)

History
Tap to view device history

State

Time
Tap to sync with mobile

Power On Status
Power on status after firmware update or power loss, choose Last State, On or Off. Default is set to Last State

Model Number

Device EUI
Unique Identifier Number

Device Serial Number

Signal Intensity
(From YoLink Hub)

Firmware Revision
(Refer to page 28)

Remove Device From Current Account
Tap to delete the device from your YoLink account

Details

Type YoLink Switch

Name 5705 Switch >

Room Not Set >

Favorite Will show in favorite screen

History Get device logs >

State On

Time 1/18 11:11:11 (GMT-7) Sync With Mobile >

Other

Power On Status Off

Model YS5705-UC

Device EUI d88b4c0100036880

SN 59CD1E567E

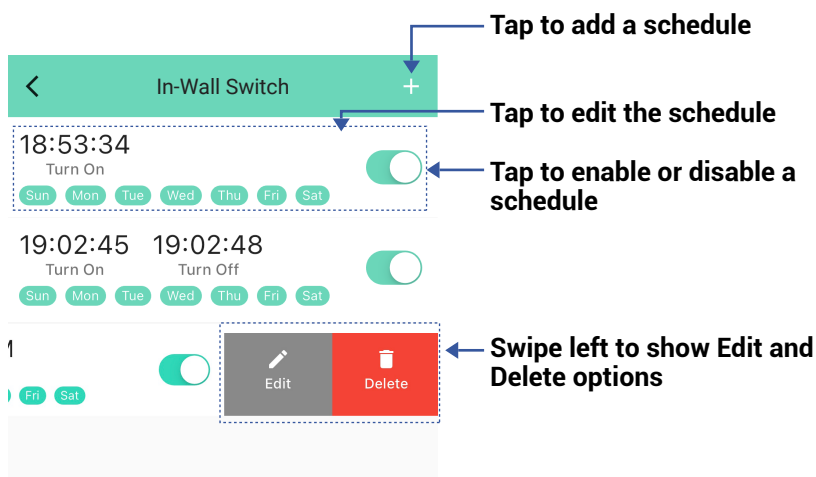
Signal Intensity Strong (-22 dBm) >

Firmware 0483

Delete



App Functions: Schedule



You can have a maximum 6 schedules at one time.

The schedule runs on the device (no internet connection required).

You can add more schedules in Automation settings. Automation settings are saved in the cloud.



App Functions: Timer

Turn On

16 39

17 : 40

18 41

19 42

Turn On After switch
Slide to enable/disable

Set the duration
When enabled, the switch will turn on after this timer duration has elapsed

Turn Off

16 39

17 : 40

18 41

19 42

Turn Off After switch
Slide to enable/disable

Set the duration
When enabled, the switch will turn off after this timer duration has elapsed

The timer starts when the settings are saved (by tapping the checkmark at the upper right of the screen).

You can add more timers in Automation settings. Automation settings are saved in the cloud.



The timer will run only once. You can set a new timer after the timer has already run once or after you cancel it.

The timer runs on the device (no internet connection required).



App Functions: Smart - Scene

Tap to view the scene history

Tap to save the settings

Name
Tap to edit the scene name

Icon
Tap to select a scene icon

Favorite
Tap to make it a favorite scene

Assign the scene to a scene group

Delete the behavior

Add behavior
Tap to add a behavior

Tap to sort behaviors



The Scene settings are saved in the cloud.

If you have two or more alternating scenes, such as "Armed" and "Disarmed" or "Day Mode" and "Night Mode", you can place them into a custom scene Group. As only one scene in a Group can be active, when you activate the Night Mode scene, the Day Mode scene will be indicated as inactive. This is only a visual indicator; in this example, any specific required actions for the Day Mode (such as device actions, etc.) must be accomplished by separate automation settings.



App Functions: Smart - Automation

The In-Wall Switch can be set up as a condition or action in automation.

The screenshot shows the 'Automation' app interface with several annotations:

- Automation**: The title of the app, located at the top center.
- Tap to save the settings**: An arrow pointing to a checkmark icon in the top right corner.
- Edit the name of the automation**: An arrow pointing to the text 'Name switch' below the title.
- 6/64**: A small text label indicating the number of automations.
- When**: The section for setting the schedule for the automation.
- Tap to set a schedule for the automation**: An arrow pointing to the 'When' section.
- When 12:00 AM Every Tue,Wed,Thu**: The current schedule setting.
- Then**: The section for adding behaviors.
- Add behavior**: An arrow pointing to a plus sign icon.
- Tap to add a behavior**: An arrow pointing to the plus sign icon.
- Delete the behavior**: An arrow pointing to a trash can icon.
- YoLink Switch Turn ON**: The name of the behavior being added.
- Tap to sort behaviors**: An arrow pointing to a sort icon.
- Working Time**: The section for setting when the automation can be activated.
- Always Working**: The current working time setting.
- Tap to set when the automation can be activated**: An arrow pointing to the 'Always Working' setting.
- Advanced Settings**: The section for editing advanced automation and logging settings.
- Tap to edit advanced automation and logging settings**: An arrow pointing to the 'Advanced Settings' section.

The Automation settings are saved in the cloud.

You can edit the Advanced Settings, including save the log, retry if action fails, notify if action fails, etc.



Control-D2D

YoLink Control-D2D (device-to-device) pairing is a feature unique to YoLink products. One device can be paired to one (or more) devices. When two or more devices are paired, a link is created, “locking-in” the behavior, so that the device(s) will carry out their paired behavior when required, regardless of a connection to the internet or cloud, and even without AC power (in the case of battery-powered or battery backed-up devices). For example, a Door Sensor can be paired to a Siren Alarm, so that when the door is opened, the siren is activated.

Several important points:

- The use of Control-D2D is entirely optional. It is more common to use the app’s automation and scene settings to create desired behaviors, such as motion sensors turning on the lights automatically. Your application may require functionality during the loss of internet/WiFi, in which case Control-D2D pairing may be preferred.
- A device that controls another device is referred to as a Controller. The device that is controlled is referred to as a Responder.



Control-D2D, Continued

- While online, any paired behaviors as well as automation and scene settings (desired switch behaviors set in advance by you, such as the motion sensor/light switch example) will both be carried out. Paired behaviors and app settings can coexist, but use care to not create conflicting actions between the two, as the device may not operate as desired.
- A device can have up to 128 pairings.
- During D2D pairing, both the controller and the responder must be in the correct operational state corresponding to their intended behavior. For example, if the controller (door sensor) is meant to turn on a plug when the door opens, the door sensor should be in the open state and the plug should be on during pairing.

How to Pair Two Devices:

In this example, two In-Wall Switch will be paired to each other, to provide 3-way functionality.

1. Start with both switches off. Choose one switch to act as a Controller. Turn on the Controller, then press the power button for 5 to 10 seconds until the green LED flashes.
2. At the other switch (the Responder), turn the switch on. Press the power button for 5 to 10 seconds until the green LED flashes. After a moment, the LEDs will turn off.



About Control-D2D, Continued

3. Test your pairing by turning off both lights, then turning the Controller light on. The Responder light should then turn on. If not, repeat the pairing. If still not successful, follow the How to Unpair Devices section on the next page.
4. For 3-way type operation between these two switches, repeat steps 1 and 2, but for the switch that was originally the Responder. This switch will now act as a Controller.
5. Test your pairing, from both switches. Turning one switch on should result in both switches turning on. Turning either of the switches off results in both light switches turning off.

How to Unpair Two Devices:

1. Start with both switches off. Turn on the Controller device (in this case, either one of the lights that are now in a 3-way type pairing). Press the power button for 10 to 15 seconds, until the LED flashes orange. Note: the LED will flash green prior to the 10 second mark, going into pairing mode, but keep pressing until the LED flashes orange. The Controller's pairing is now removed. This switch will no longer control the other switch, but the other switch's pairing is unchanged.



About Control-D2D, Continued

2. To remove the other switch's paired behavior, repeat the steps just used for the first switch. Test both switches to ensure that they no longer control or respond to the opposite switch.



If replacing existing 3-way switches with In-Wall Switch, the wiring may not immediately be compatible with the In-Wall Switch. The “traveler” wire will not be connected to either In-Wall Switch, but it may need to be changed to another function (such as to a neutral wire), so that each switch has a hot, neutral, ground, and at least one switch leg wire going to the controlled light(s).



These instructions can be applied to other devices, but the LED color and flash behaviors can vary between models.

Generally, when pairing, the Responder should begin in the state (on/off or opened/closed or locked/unlocked) that it should change to when the Controller is activated.



Using the App & 3rd-Party Services

The YoLink In-Wall Switch works with several voice assistants, including Alexa and Google, and it works with other automation platforms such as IFTTT and Home Assistant.

To set up 3rd-party integrations (Alexa, Google and IFTTT), in the app, go to Settings, Third-Party Services, and follow the instructions.

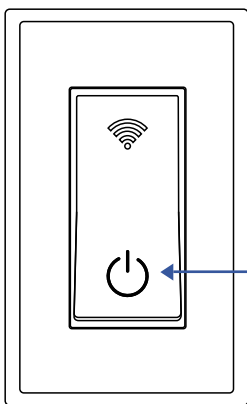
Refer to the Home Assistant website and the YoLink integration page for instructions.

<https://www.home-assistant.io/integrations/yolink/>

Q Factory Reset

When directed by customer support, and/or as an attempt to resolve a problem with your In-Wall Switch, it may be necessary to perform a factory reset. Factory resetting your sensor returns it to the factory default programming and settings. This is a simple process:

- Hold the POWER Button for 20 to 30 seconds, until the LED blinks red and green alternately, then release the button.



POWER Button
Press for 20 to 30 Seconds

Factory reset is complete when the LED stops flashing.

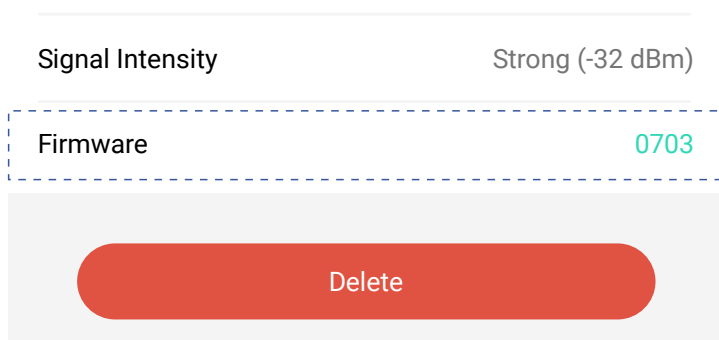


Only deleting a device from the app will remove it from your account

R Firmware Updates

Your YoLink products are constantly being improved, with new features added. It is periodically necessary to make changes to your device's firmware. For optimal performance of your system, and to give you access to all available features for your devices, these firmware updates should be installed when they become available.

In the Detail screen of each device, at the bottom, you will see the Firmware section, as shown in the image below. A firmware update is available for your device if it says "#### ready now"



Tap in this area to start the update.

The device will update automatically, indicating progress by percentage-complete. You may use your device during the update, as the update is performed "in the background". The LED will slowly blink green during the update, and the update may continue for several minutes beyond the LED turning off.



Specifications

Input/Output Voltage: AC100-120V 60Hz

Maximum Current: 10A

Maximum Load: Incandescent Bulb:
960w

Fluorescent Lamp:
400W

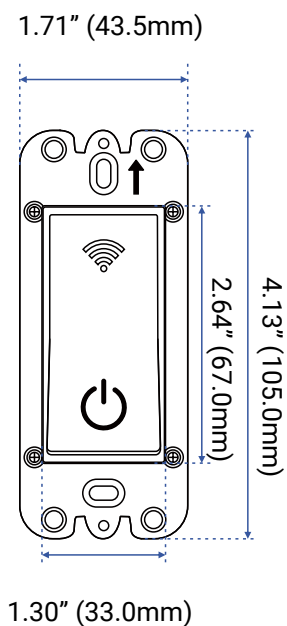
LED lights: 200W

Environment: Temperature:
-22°F-158°F
(-30°C-70°C)

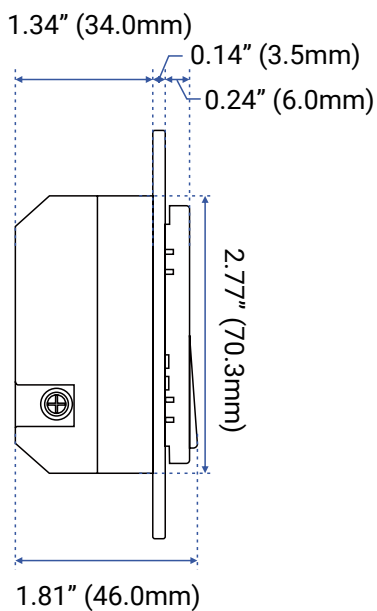
Humidity: $\leq 95\%$
non-condensing



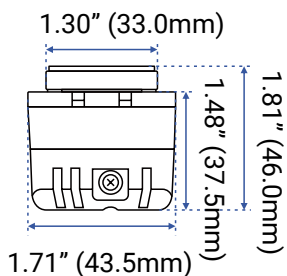
Specifications, Continued



FRONT

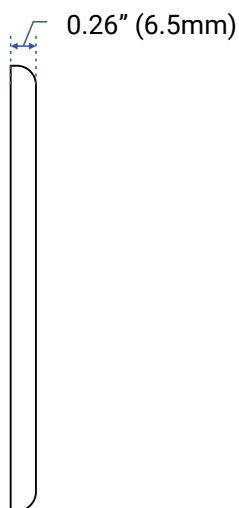
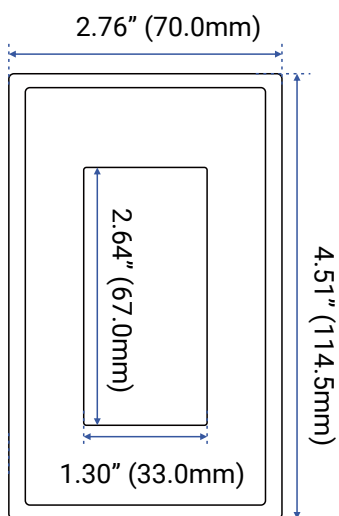


SIDE



TOP

S Specifications, Continued



FACEPLATE (FRONT)

FACEPLATE (SIDE)

T Troubleshooting

Malfunction:

Device is offline :

Possible solution

- If switch is not connected to the cloud, press the POWER button on switch once
- If Hub is offline, reconnect the Hub to the Internet and press the POWER button on switch once
- If Hub is not on, power on the Hub again and press the POWER button on switch once
- If switch is out of range with Hub, relocating the Hub may be required
- If switch is not turned on, turn on the device

Timer does not run :

Possible solution

- Power outages (before or during) can prevent the timer from executing. Press the POWER button once to turn on/off the switch, also you can turn on/off the switch via YoLink app or set a new timer.

If this does not resolve the issue, please contact our customer support department (see the contact info on the last page of this guide).



We recommend checking for and performing any available firmware updates before contacting customer support.



Warnings

- Please install, operate and maintain the In-Wall Switch only as outlined in this manual. Improper use may damage the unit and/or void the warranty
 - Do not overload the device. Please refer to the Maximum Load section in Specifications on page 29
 - Do not install or use this device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 29
 - Do not install or use this device where it will be subjected to high temperatures and/or open flame
 - This device is not waterproof and is designed and intended only for indoor use. Subjecting this device to outdoor environment conditions such as direct sunlight, extreme hot or cold temperatures, rain, water and/or condensation can damage the device and will void the warranty
- Install or use this device only in clean environments. Dusty or dirty environments may prevent the proper operation of this device, and will void the warranty



Warnings, Continued

- If your In-Wall Switch does get dirty, please clean it by wiping it down with a clean, dry cloth. Do not use strong chemicals or detergents, which may discolor or damage the exterior and/or damage the electronics, voiding the warranty

Do not install or use this device where it will

- be subjected to physical impacts and/or strong vibration. Physical damage is not covered by the warranty

Please contact Customer Service before

- attempting to repair disassemble or modify the device, any of which can void the warranty and permanently damage the device



1 Year Limited Electrical Warranty

YoSmart Inc. warrants to the original user ("customer") 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. This warranty does not apply to devices 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 does not cover neglected or abused products. This warranty is limited to the repair or replacement of the device, 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. The customer must provide proof of purchase, in the form of the original purchase invoice or order number. The purchase must have been made from an authorized seller.

To implement this warranty please contact us by one of the methods listed on the Contact Us page of this user guide.

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. 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.



FCC Statement, Continued

- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

PRODUCT NAME:
IN-WALL SWITCH

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS5705-UC

ADDRESS:
25172 ARCTIC OCEAN DRIVE, SUITE 106, LAKE
FOREST, CA 92630 USA

EMAIL:
SERVICE@YOSMART.COM



Contact Us

We are here for you, if you ever need any assistance installing, setting up or using a YoLink app or product!

Need help? For fastest service, please email us 24/7 at service@yosmart.com

Or call us at **831-292-4831** (US phone support hours: **Monday - Friday, 9AM to 5PM** Pacific)

You can also find additional support and ways to contact us at:

www.yosmart.com/support-and-service

Or scan the QR code:



Support Home Page

Finally, if you have any feedback or suggestions for us, please email us at feedback@yosmart.com

Thank you for trusting YoLink!

YoLink Customer Support

YOLINK

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