

In-Wall Switch

YS5705-UC

Quick Start Guide

Revision Dec. 21, 2022

A 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!

Eric Vanzo
Customer Experience Manager

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

- Pour des instructions en français, scannez les codes QR dans la section suivante.
- Para obtener instrucciones en español, escanee los códigos QR en la siguiente sección.

B Before You Begin

Please note: this is a quick start guide, intended to get you started on the installation of your In-Wall Switch. Download the full Installation & User Guide by scanning this QR code:



Installation & User Guide

You can also find all guides and additional resources, such as videos and troubleshooting instructions, on the In-Wall Switch Product Support page by scanning the QR code below or by visiting:

<https://shop.yosmart.com/pages/in-wall-switch-product-support>



Product Support Support produit Supporte de producto

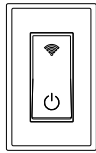


Your In-Wall Switch connects to the internet via a YoLink hub (SpeakerHub or the original YoLink Hub), and it does Not connect directly to your WiFi or local network. In order for remote access to the device from the app, and for full functionality, a hub is required. This guide assumes the YoLink app 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).

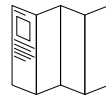


Please note: the In-Wall Switch requires a neutral wire! It will not function without a neutral wire. As explained in the Installation section, you must identify the neutral wire in the switch's electrical box. If a neutral wire is not present, one must be installed. Consult with or hire a qualified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

C In the Box



In-Wall Switch



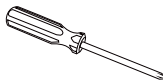
Quick Start Guide



Electrical Box Screws(2)

D Required Items

Tools you will need:



Medium Phillips Screwdriver



Small Slotted Screwdriver

Tools you may need:

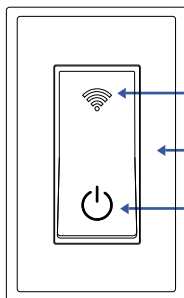


Wire Strippers or Cutters



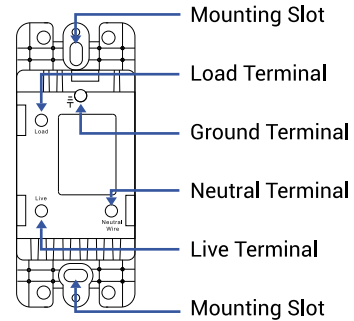
Multimeter

E Get to Know Your In-Wall Switch



- Status LED
- Plate
- POWER Button
Press once to turn on or off the switch

E Get to Know Your In-Wall Switch, Cont.



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

F 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 or tablet 4.4 or higher

F Install the App, Cont.

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.

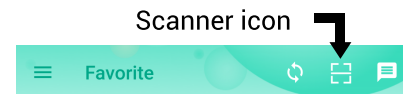
You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

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

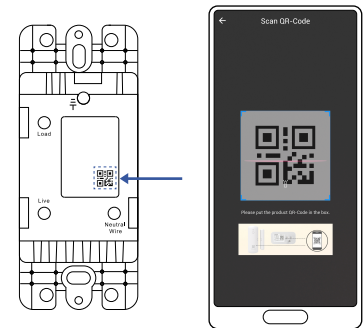
The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

G Add Your In-Wall Switch to the App

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



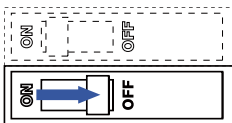
2. Approve access to your phone's camera, if requested. A viewfinder will be shown on the app.



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

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

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:

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.

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.

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 1/2 inch, and straight. Straighten or trim off any bare wire loops that were used on the existing switch.



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

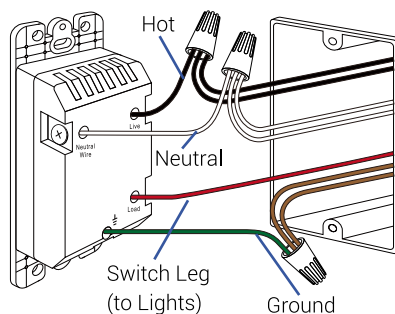
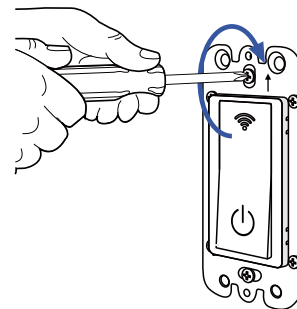


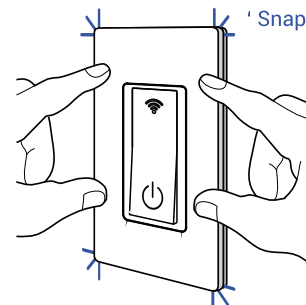
Figure 1

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.

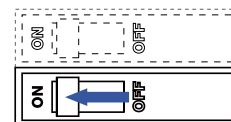
10. Gently push the wiring and the switch into the electrical box. Then, using the original or included screws, secure the In-Wall Switch to the box.



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.



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.

Refer to the full Installation & User Guide, to complete the installation and set-up of your In-Wall Switch

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!

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Customer Experience Manager

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