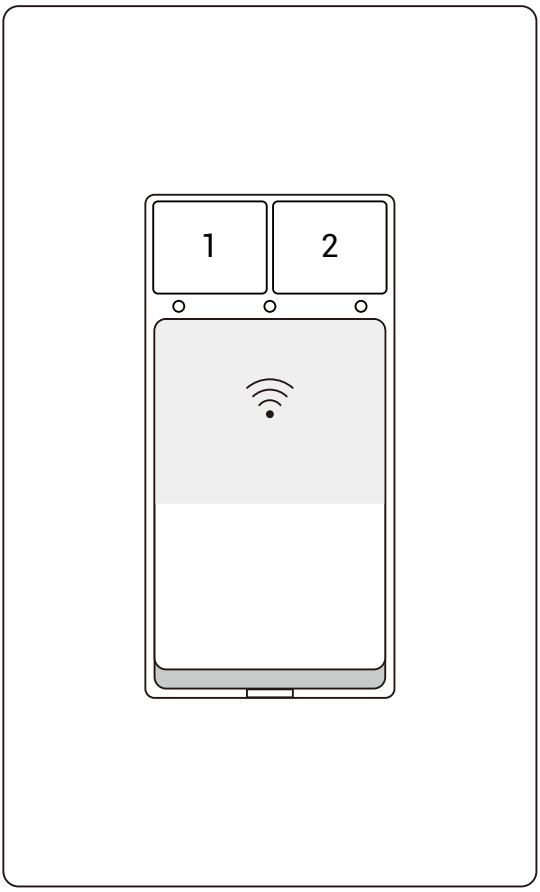
YOLINK



Switch/Fob

YS5709-UC

Installation & User Guide

Revision Apr. 10, 2023

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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

B Before You Begin

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

www.shop.yosmart.com/pages/valve-controller-2-product-support

Or by scanning the QR code:

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

B Before You Begin

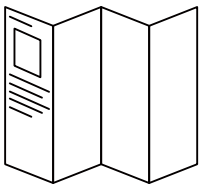
These instructions are not intended to be inclusive of all possible pipe and fitting types, nor are they intended to be comprehensive instructions for inexperienced installers. If you are not comfortable with an installation like this, please consult or hire a qualified plumber. Instructions in this guide are based on a new installation, on copper pipe, with push-fit threaded adapters. The Smart Motorized Valve can be installed on CPVC or PEX pipe using the appropriate male NPT thread to compression or push-fit copper, CPVC or PEX adapters. YoLink recommends SharkBite brand fittings. Visit sharkbite.com or find additional information on our Smart Motorized Valve Support page.

Local plumbing/building codes may require a standard non-electric or non-motorized valve for the main water shut-off - do not replace a non-electric shut-off valve with this motorized valve without first consulting with the applicable code authorities. If installing this valve to shut off the main water line, we suggest installing this adjacent to the (non-electric) shut-off valve.

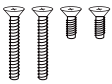
Please use care when working with cutting and other tools than can cause bodily harm if not used properly!

C In the Box

Dimmer Switch



Quick Start Guide

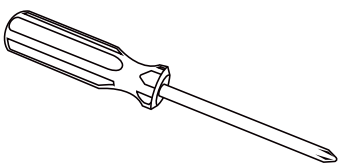


Faceplate Screws (2)
& Electrical Box Screws (2)

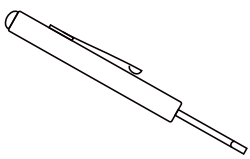
Wire Connectors (4)

D Required Items

Tools you will need:

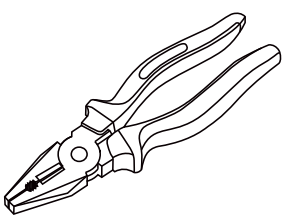


Medium Phillips Screwdriver

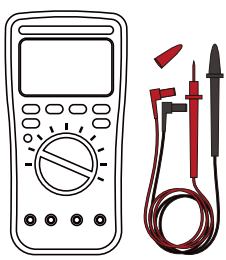


Small Slotted Screwdriver

Tools you may need:

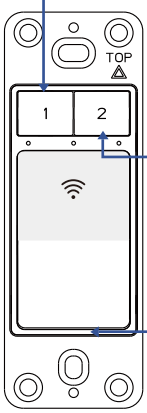


Wire Strippers or Cutters



Multimeter

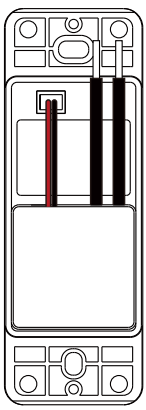
E Get to Know Your Smart Motorized Valve



Brightness Decrease Button
Short press to decrease the brightness in order 100%->80%->60%->40%->20%
Long Press to decrease by 1%

Brightness Increase Button
Short press to increase the brightness in order 20%->40%->60%->80%->100%
Long Press to increase by 1%

Brightness LED
Indicate the current lighting brightness 20%-40%-60%-80%-100%



LED Behaviors

Blinking Red Once, then Green Once
Device Start-up

Blinking Red And Green Alternately
Restoring to Factory Defaults

Red
Dimmer is off

Green
Dimmer is on

Blinking Green
Connecting to Cloud

Slow Blinking Green
Updating

Fast Blinking Green
Pairing Device to Device

Fast Blinking Red
Unpairing Device-to-Device

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.

Download on the App Store

Apple phone/tablet
iOS 9.0 or higher

Available on Google Play

Android phone/tablet
4.4 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.

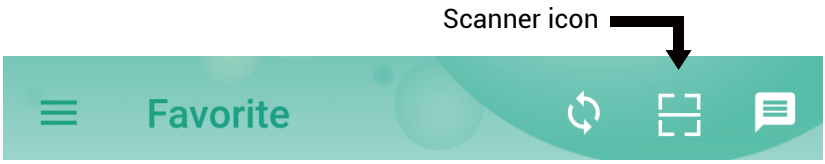
You will immediately receive a welcome email from no-reply@yosmart.com with some helpful information. Please mark the yosmart.com domain as safe, to ensure you receive important messages in the future.

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

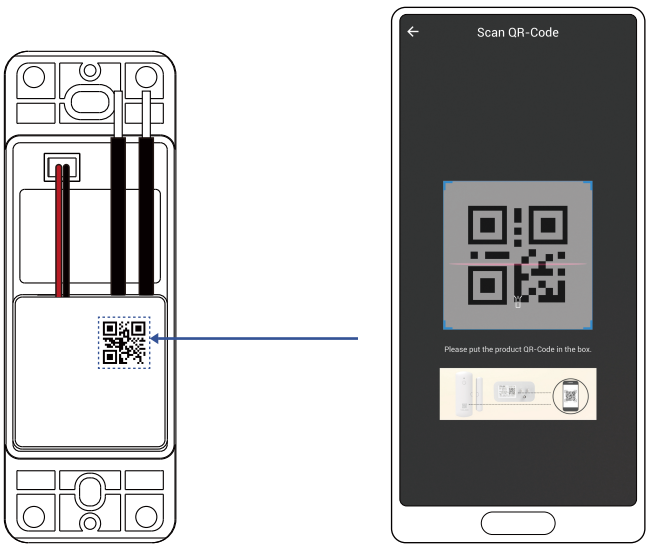
The app opens to the **Favorite** screen. This is where your favorite devices and scenes will be shown. You can organize your devices by room, in the **Rooms** screen, later.

G Add Your Dimmer 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.

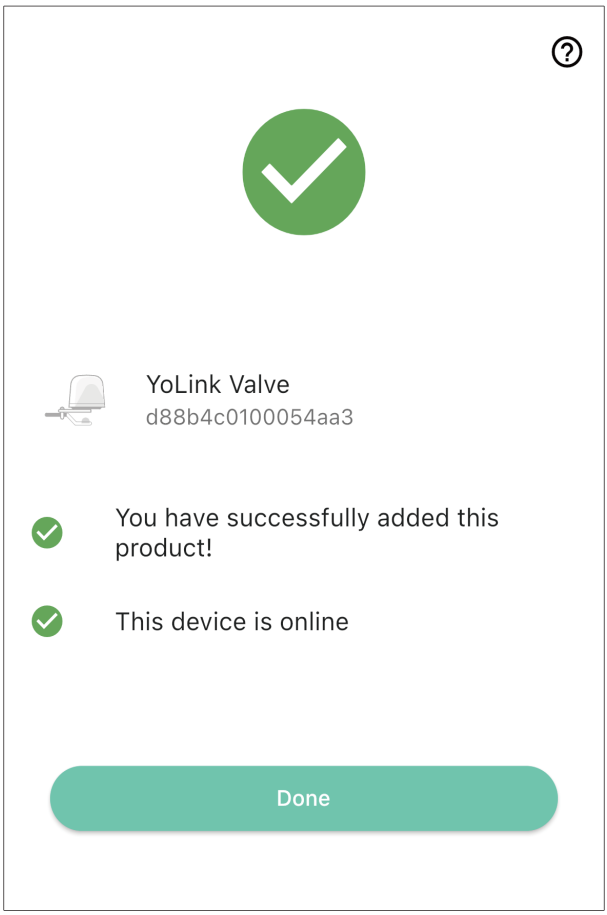


3. Hold the phone over the QR code so that the code appears in the viewfinder. If successful, the **Add Device** screen will be displayed.

G Add Your Dimmer 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**.



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

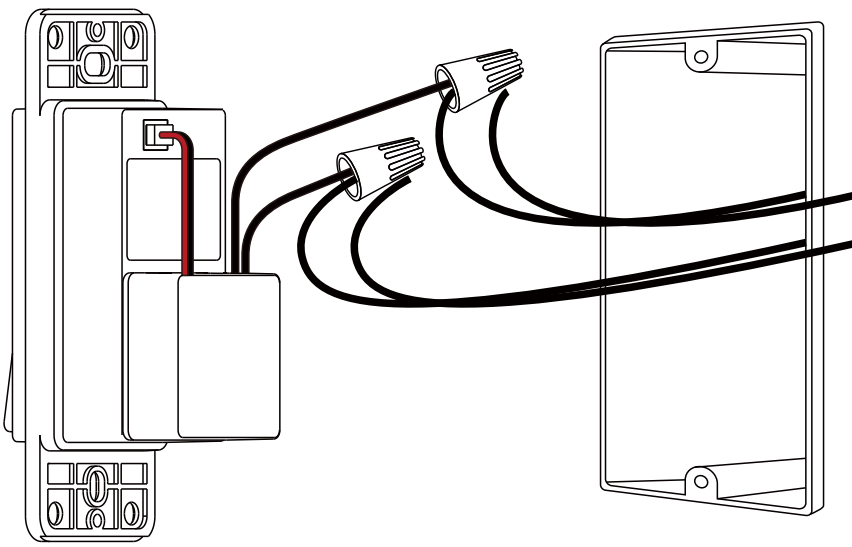
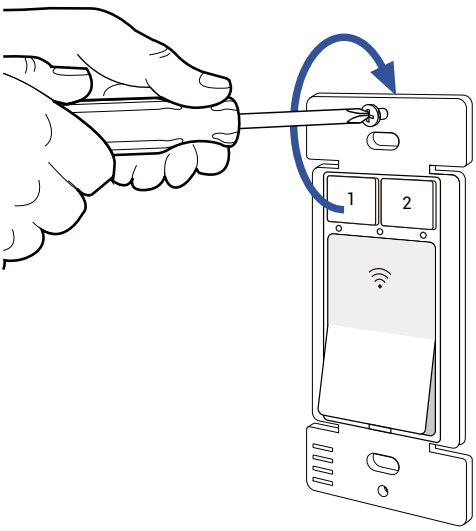


Figure 1

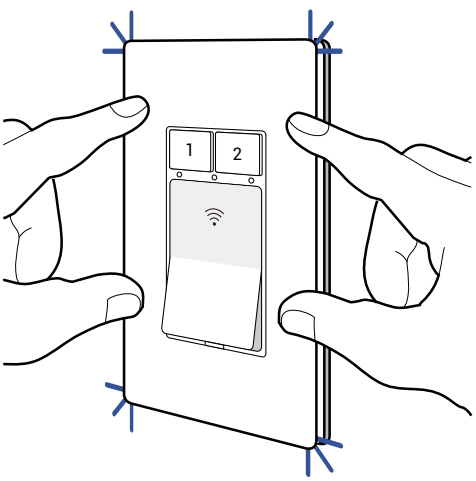
9. Check each wiring connection by gently tugging on each wire, ensuring it does not pull out of the screw terminal or appear loose. Redo any that do not pass this test.

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.

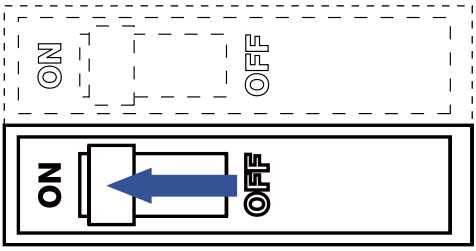


11. If your In-Wall Switch is installed in a multi-gang box, save or discard the decorative trim plate. Otherwise, snap the plate over the switch, snap the plate over the switch.



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.

I Using the App & 3rd-Party Services

Please visit our website's Support page for the YoLink app guide and for product-specific app settings and instructions:

www.yosmart.com/support-and-service

J Factory Reset

Factory reset will erase device settings and restore it to factory default settings. Doing a factory reset will not remove the device from your account and it will not harm the device, or lose any data or require you to redo your automations, etc.

Instructions:

Hold the SET button down for 20-30 seconds, until the LED blinks red and green alternately. Then, release the button. (Holding the button down longer than 30 seconds will abort the factory reset operation)

Factory reset will be complete when the LED stops blinking.

Only deleting a device from the app will remove it from your account. Factory reset will not delete the device from the app.

K Firmware Update

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.

L Troubleshooting

Function:

1. **Device is offline**
   - If switch is not connected to the cloud, press the POWER button on switch once
   - If Hub is offline, reconnect the Hub to the Inte
   rnet 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

2. **Timer does not run**
   - 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. (When you add a resetting/one-time-use timer this will need to be amended with that new information.)

3. 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 load more than 10A(resistive) for the device. Other loads (15A, etc.) will damage the device, and power supplies other than the supplied unit may damage the device. Such damage is not covered by the warrantyDo notinstall or use this device outside of the temperature and humidity range listed in the Environmental section in Specifications, on page 26

- 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

N Warranty

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 years 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 resultng 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.

0 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

FCC Statement, Continued

This device complies with part 15 of the FCC Rules. Operation is subject to the following twoconditions:

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 To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

PRODUCT NAME:
Switch/Fob

PARTY:
YOSMART, INC.

TELEPHONE:
831-292-4831

MODEL NUMBER:
YS5709-UC

ADDRESS:
15375 BARRANCA PKWY SUITE J-107, IRVINE, CA 92618 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!

Eric Vanzo
Customer Experience Manager

YOLINK

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