



# Wireless Smart In-Wall On/Off Dimmer Light Switch With Wall Plate

P/N 35558  
User's Manual

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## SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind.
- Do not touch the device with wet hands.
- Prior to physical installation, use your circuit breaker or fuse box to remove electric power from the room, then test the circuit to ensure that electric power is not present.
- Prior to installation and before changing bulb(s) connected to this dimmer switch, slide the Air Gap Switch to the left. This physically removes power from the load. After the bulb(s) have been changed, slide the Air Gap Switch back to the right for normal operation.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

## INTRODUCTION

Powered by STITCH™, this Wireless Smart In-Wall Dimmer Switch allows you to remotely control your incandescent, dimmable LED, and CFL lamp fixtures and lights on or off and adjust the brightness when at home or on the road, using your Android™ or iOS® smartphone or tablet. The switch communicates with your phone through your local wireless network, so you won't need any separate mesh network, hubs, or controllers. It can be scheduled to turn on or off at specific times and can change state after a specific period of time. Simply replace your current wall switch with the Smart In-Wall Dimmer Switch and pair it with the app! The Smart Dimmer Switch provides the ability to monitor, control, and even schedule your lights to turn on or off from anywhere, anytime. The free STITCH app provides an all-in-one experience, connecting all devices for a smarter, connected home. Link to Amazon Alexa™ or Google Home for a hands-free, voice-controlled experience. No hub required!

## FEATURES

- Control and monitor the switch manually or remotely using a free app for your Android™ or iOS® smartphone or tablet
- Preset brightness level options allow the dimmer to turn on to the last set brightness level
- Lights can be scheduled to turn on or off or change state after a specified amount of time
- Supports scene control and works with other "smart" devices
- The Air Gap Switch feature meets safety requirements to disconnect power from the load locally
- Works with other STITCH™ by Monoprice smart devices (sold separately)

## CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **[www.monoprice.com](http://www.monoprice.com)** or via email at **[support@monoprice.com](mailto:support@monoprice.com)**. Check the website for support times and links.

## PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

1x Wireless Smart In-Wall Dimmer Switch

1x Wall Plate with Mount and Screws

1x User's Manual

1x Quick Installation Guide

## APPLICATIONS

The STITCH™ Smart In-Wall Dimmer Switch is great for manual and remote control of your lights. Set a schedule for your devices to turn on and off or create a smart scene to trigger your device to turn on or off during specific conditions, such as if temperatures fall below a certain level or when the sun sets.



WIRELESS  
CONNECTION



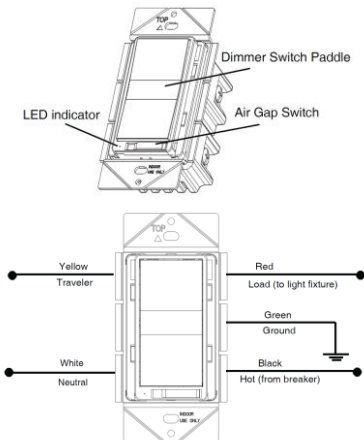
TIMER AND  
SCHEDULING



SCENE CONTROL

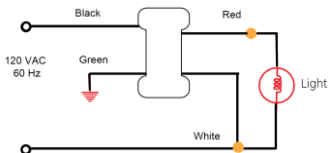


## PRODUCT OVERVIEW



**Important Note:** Despite the presence of the Traveler line, this dimmer switch does not support the 3-way switch function. Do not use the Traveler line.

## WIRING DIAGRAM



## PHYSICAL INSTALLATION

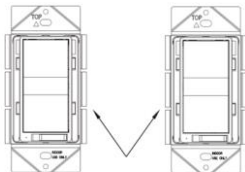
**WARNING!!!** Prior to physical installation, use your circuit breaker or fuse box to remove electric power from the room, then test the circuit to ensure that electric power is not present.

1. Remove the old switch and faceplate from the electric box, then disconnect the wire leads.
2. Slide the **Air Gap Switch** on the dimmer switch to the left.
3. Connect the wire leads to the smart switch, as shown in the *WIRING DIAGRAM* section above.
4. Check each wiring connection to ensure that it is secure and that there are no stray wire strands.

5. Insert the switch into the electric box, then secure the switch to the box using two screws.
6. Use the included screws to attach the faceplate to the switch.
7. Restore power at the circuit breaker or fuse box, then slide the **Air Gap Switch** to the right to complete the connection. If the switch is properly wired, the **LED Indicator** will begin flashing rapidly, indicating that it is ready to be paired with your network. If it is flashing slowly, press the **Top** or **Bottom Paddle** 5 times rapidly, then press and hold the paddle until the **LED Indicator** begins flashing rapidly.

## MULTIGANG INSTALLATION

When installing more than one dimmer switch in the same wall box, it may be necessary to remove the side tabs. Using a pair of pliers, bend each tab back and forth until it breaks off. Repeat for each tab to be removed. Note that removing tabs **WILL REDUCE THE MAXIMUM LOAD CAPACITY**.



Tabs Removed for Multigang installation

When using only LED or CFL bulbs, refer to the following table for the load capacity of the dimmer switch with tabs removed.

LED/CFL Derating Chart			
Load Capacity when Tabs are removed from:			
Dimmable LED/CFL	0 Sides	1 Side	2 Sides
	150W	150W	150W

When using a mixture of incandescent and LED/CFL bulbs, refer to the following table for the load capacity of the dimmer switch with tabs removed.

If the combined Wattage of ALL LED/CFL bulbs on 1 dimmer is:	Then the Maximum COMBINED Wattaged for the Incandescent/Halogen bulbs on EACH attached dimmer:		
	If NO Tabs are removed then Max Wattage is:	If 1 side of Tabs are removed then Max Wattage is:	If 2 sides of Tabs are removed then Max Wattage is:
0W	600W	500W	400W
1-25W	500W	400W	300W
26-50W	400W	300W	200W
51-75W	300W	200W	100W
76-100W	200W	100W	50W
101-125W	100W	50W	0W
126-150W	0W	0W	0W

## CHANGING BULBS

Even with the dimmer switch turned off, a small amount of current still flows to the load. The Air Gap Switch on the dimmer switch physically disconnects power from the load. Perform the following steps whenever you change bulb(s) connected to the dimmer switch.

1. Turn the dimmer switch off, then slide the **Air Gap Switch** to the left.
2. Change the bulb(s).
3. Slide the **Air Gap Switch** to the right.

## OPERATION

- The **LED Indicator** on the dimmer switch will illuminate red when the dimmer switch is turned on and will be off when it is turned off.
- Momentarily press the **Top Paddle** to turn the dimmer switch on. The **LED Indicator** will illuminate red.
- Press and hold the **Top Paddle** to increase the brightness level.
- Press and hold the **Bottom Paddle** to decrease the brightness level.
- To turn the dimmer switch off, first press and hold the **Bottom Paddle** to reduce the brightness to minimum, then momentarily press the **Bottom Paddle** to turn the dimmer switch off. The **LED Indicator** will extinguish.

## APP INSTALLATION AND LOGIN

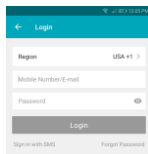
1. Download and install the free STITCH™ by Monoprice app from Google Play™ or the App Store. Scan one of the two QR codes below to go directly to the appropriate page in the app store.



2. Once the app is installed, launch it.

3. If you have already used the STITCH™ by Monoprice app, tap the **Login** button, then enter your STITCH account information. If you have not installed and used the STITCH app before, proceed to app registration. You can register using your phone number or by using your email address. Follow the on-screen app instructions for more details.

*Note that the password must contain 6-20 characters and must include at least one number.*



The screenshot shows the 'Login' screen of the STITCH app. At the top, there is a teal header with a back arrow and the word 'Login'. Below the header, there is a 'Region' dropdown menu currently set to 'USA +1'. Underneath is a text input field for 'Mobile Number/E-mail'. Below that is a 'Password' input field with an eye icon to toggle visibility. A large grey 'Login' button is positioned below the password field. At the bottom of the screen, there are two links: 'Sign in with SMS' on the left and 'Forgot Password' on the right.

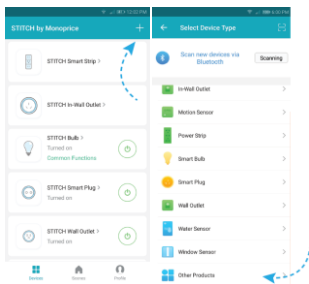


# ADD A DEVICE

## Smart Inclusion Installation

Smart Inclusion is the default mode for installing your device. It uses your wireless network to communicate between your smartphone and the smart device. If you do not have a Wi-Fi® network or do not wish to include it in your network, see the **AP Mode Installation** section.

1. Tap **+** on the **Add Devices** screen to add a new device.

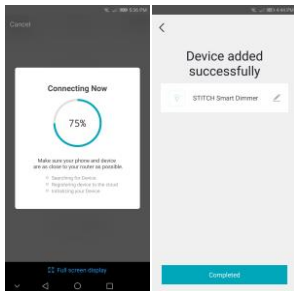


2. Scroll through the list and select **Other Products** (or **In-Wall Switch**, if available) to add your new device to the STITCH™ app.

3. The **LED Indicator** should be flashing rapidly, indicating that it is ready to be paired with your network. If it is not, momentarily press the **Top** or **Bottom Paddle** 5 times, then press and hold it until the **LED Indicator** starts flashing rapidly.
4. Tap **Confirm** on the app to continue, input the password to your wireless network, then tap **Confirm** again.



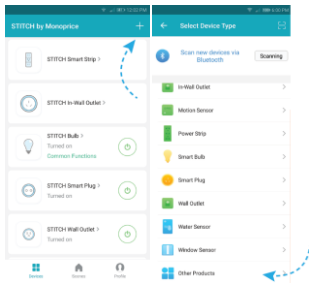
5. The app will start connecting to the device. Tap **Completed** once it is finished.



## AP Mode Installation

AP mode differs from Smart Inclusion mode in that it does not use your Wi-Fi® network to manage the communications between your smartphone and the device. Instead, it connects your phone's Wi-Fi directly to the device's built-in hotspot network.

1. Launch the STITCH™ by Monoprice app.
2. Tap **+** on the **Add Devices** screen to add a new device.



3. Scroll through the list and select **Other Products** (or **In-Wall Switch**, if available) to add your new device to the STITCH app.

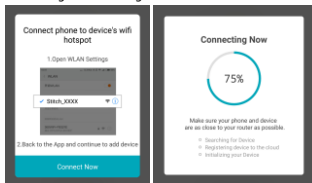
4. Tap **AP Mode** at the top right.



5. The **LED Indicator** should be slowly blinking, indicating that it is ready to be added in AP mode. If it does begin blinking slowly, tap **Confirm** on the app to continue, input the password to your wireless network, then tap **Confirm** again.

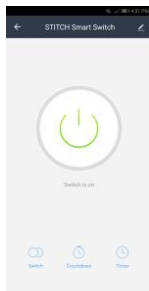


5. In the wireless settings on your phone, select the **Stitch-XXXX** entry, then tap **Connect Now** to continue. The app will begin connecting to the device.



# APP FEATURES

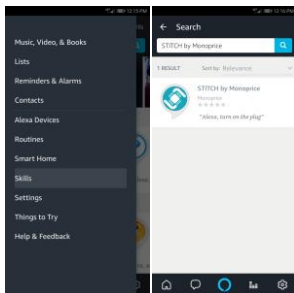
- Monitor and control switch on and off
- Create a schedule or set a countdown timer for outlets to turn on and off
- Pair with other STITCH™ smart devices to create a scene and trigger other actions to perform



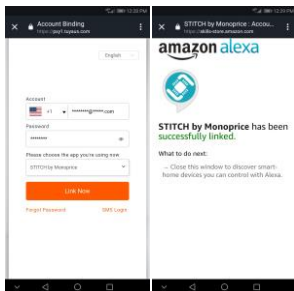
## LINK DEVICES TO AMAZON ALEXA

1. Before using Alexa™ to control your smart devices, make sure you meet the following conditions:
  - Stable Wi-Fi® network that can access the Amazon™ server
  - An Amazon Echo™ device, including Echo, Echo Tap™, and Echo Dot™
  - An Amazon account
  - The STITCH™ by Monoprice app and account
  - At least one device added under STITCH™ by Monoprice account and the device's name can be easily recognized by Echo™
2. Add one or more devices in the STITCH by Monoprice app by following the instructions in the *ADD A DEVICE* section above.
3. In the Amazon Alexa™ app menu, tap **Skills**, then search for and select the **STITCH by Monoprice** entry. Tap **ENABLE** to enable Amazon Skills.

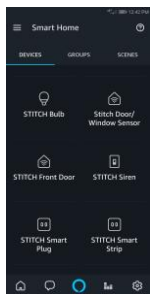
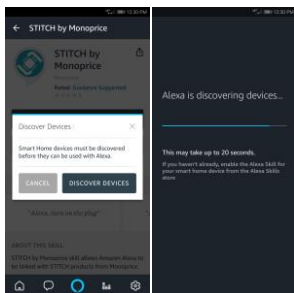




4. You will be redirected to the account link page. Select the proper country/region, then input your STITCH™ by Monoprice account and password. Tap **Link Now**, then tap **Authorize**. When the message **STITCH by Monoprice has been successfully linked** appears, close the window.



5. Alexa™ needs to "discover" your smart devices before it can control them. Say "Alexa, discover devices" or tap **Discover** to start the discovery process. Alexa will then discover and sync with compatible devices added in the STITCH™ by Monoprice app. The discovered devices will be displayed in a list.



*Note: Each time the device's name is changed in the STITCH™ by Monoprice app, Alexa must rediscover it again before it can be controlled.*

6. You can now control your smart devices with Alexa™. You can use the following command examples for a smart plug named bedroom light:
  - Alexa, turn on/off bedroom light
  - Alexa, set bedroom light to 50 percent
  - Alexa, brighten/dim bedroom light
7. You can also create groups in the Alexa™ app. Tap **Groups** to create a group and give it a name, such as my smart lights. Select individual devices to add them to the group, then tap **Save**. You can now control the entire group of devices with a single command. For example, say "Alexa, turn on my smart lights" to turn on all lights in the group.

## LED INDICATOR STATUS

Smart Inclusion Mode	LED Indicator flashes blue rapidly
AP Mode	LED Indicator flashes blue slowly
Connected to Network	LED Indicator is off
Dimmer is ON	LED Indicator is solid red
Dimmer is OFF	LED Indicator is off

## BUTTON INSTRUCTIONS

In Network	Press the <b>Top</b> or <b>Bottom Paddle</b> 5 times, then press and hold the paddle until the <b>LED Indicator</b> flashes blue rapidly to reset to the default settings. This resets the device and enters into Smart Inclusion mode.
Out of Network	While in Smart Inclusion mode, press the <b>Top</b> or <b>Bottom Paddle</b> 5 times, then press and hold the paddle until the <b>LED Indicator</b> flashes blue slowly to AP mode.

#### Notes:

- In network: The device has been included into the network
- Out of network: The device has the default settings and has never configured into a Wi-Fi® network
- The duration of the configuration network is about 2 minutes

## TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **[www.monoprice.com](http://www.monoprice.com)** or through email by sending a message to **[tech@monoprice.com](mailto:tech@monoprice.com)**. Check the website for support times and links.

## SPECIFICATIONS

Model	35558
Radio Frequency	2.4 GHz
Supported Network Profiles	IEEE802.11 b/g/n
Supported Network Encryption	WAP, WAP2, WEP, TKIP, AES
Voltage	120 VAC, 60Hz
Incandescent	600W
Electronic Ballast	2A (150W)
Motor	1/2 HP
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Wire Strip Length	5/8" (16mm)
Supply Connection	14AWG wires, suitable for at least +167°F (+75°C)
Screw Torque	20 lbf-in
Dimensions	4.1" x 2.0" 1.8" (104 x 51 x 46 mm)

Weight	4.6 oz. (130g)
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## REGULATORY COMPLIANCE

### Notice for FCC



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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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.

## **RF Exposure Statement for FCC**

### **Caution**

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

## Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## RF Exposure Statement for Industry Canada

### Caution

This equipment complies with radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must be at least 20 cm from the user and must not be collocated or operated in conjunction with any other antenna or transmitter.

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