



Wireless Smart IR Controller

P/N 35753

User's Manual

CONTENTS

SAFETY WARNINGS AND GUIDELINES.....	3
INTRODUCTION.....	3
FEATURES.....	4
CUSTOMER SERVICE.....	4
PACKAGE CONTENTS.....	4
APPLICATIONS.....	5
PRODUCT OVERVIEW.....	5
PHYSICAL INSTALLATION.....	5
APP INSTALLATION AND LOGIN.....	6
ADD A DEVICE.....	7
Smart Inclusion Installation.....	7
AP Mode Installation.....	9
APP FEATURES.....	12
APP OPERATIONS.....	13
Adding a Remote.....	13
Adding a DIY Device Type.....	15
LINK DEVICES TO AMAZON ALEXA.....	18
LED INDICATOR STATUS.....	22
BUTTON INSTRUCTIONS.....	22
TECHNICAL SUPPORT.....	23
SPECIFICATIONS.....	23
REGULATORY COMPLIANCE.....	24
Notice for FCC.....	24
RF Exposure Statement for FCC.....	25
Notice for Industry Canada.....	25
RF Exposure Statement for Industry Canada.....	25

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. If moisture does get in or on the device, immediately unplug it from the power source, then allow it to fully dry before reapplying power.
- Do not touch the device or any connected cables with wet hands.
- Unplug the device from its power source if it will go unused for a long period of time.
- 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 Universal IR Controller allows you to remotely control your TV, cable box, or any other device that uses an IR remote control using your Android™ or iOS® smartphone or tablet from anywhere, at any time. It communicates with your phone through your local wireless network, so you won't need any separate mesh network, hubs, or controllers. It supports remote controls that use a 38kHz IR signal and includes thousands of preprogrammed devices to choose from. If your device is not in the list, you can easily add it by teaching the controller the codes used by your remote for its various functions. Eliminate the clutter of half a dozen or more remote controls and never again tear your hair out trying to find a misplaced remote. Create groups and schedules to integrate the various STITCH powered devices so that they operate in conjunction with each other. The free STITCH app provides an all-in-one experience connecting all devices for a smarter connected home. Amazon Alexa™ and Google Home voice control is supported. No hub required!

FEATURES

- Universal IR Controller to remotely control your TV, cable box, or any other device that uses an IR remote control compatible with 38kHz IR frequencies using a free app for your Android™ or iOS® smartphone or tablet
- You can turn on your air conditioner to cool your room before you return home or turn off your TV if you forgot to turn it off after leaving the house
- 360° omnidirectional coverage
- Supports scene control and works with other "smart" devices
- 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 or via email at 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 Smart IR controller

1x Micro USB cable

1x USB wall charger

1x User's manual

APPLICATIONS

The STITCH™ Smart IR Controller is great for controlling and monitoring your TV, fans, air conditioner, and small appliances. Turn off unused electronics to save energy or turn on your fan to cool your room before you return home.



SMALL COOKING
APPLIANCES



KID'S ROOM

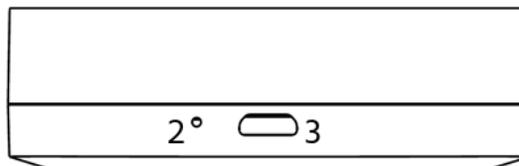
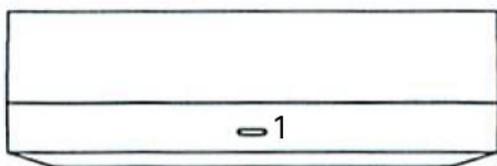


LIGHTS



FANS

PRODUCT OVERVIEW



1. Status Indicator/IR Receiver
2. Reset Button
3. Micro USB Port

PHYSICAL INSTALLATION

1. Place the controller near the electronics or appliances you wish to control. Ensure that there are no obstacles to block the infrared signal.
2. Plug one end of the included **Micro USB Cable** into the **Micro USB Port** on the controller, plug the other end into the included **USB Wall Charger**, then plug the charger into a nearby AC power outlet. The **Status Indicator** should be flashing red rapidly, indicating that it is ready to be paired with your Wi-Fi™ network. If it is not flashing red rapidly, use a paper clip to press and hold the **Reset Button** for 5 seconds to reset the controller.

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.

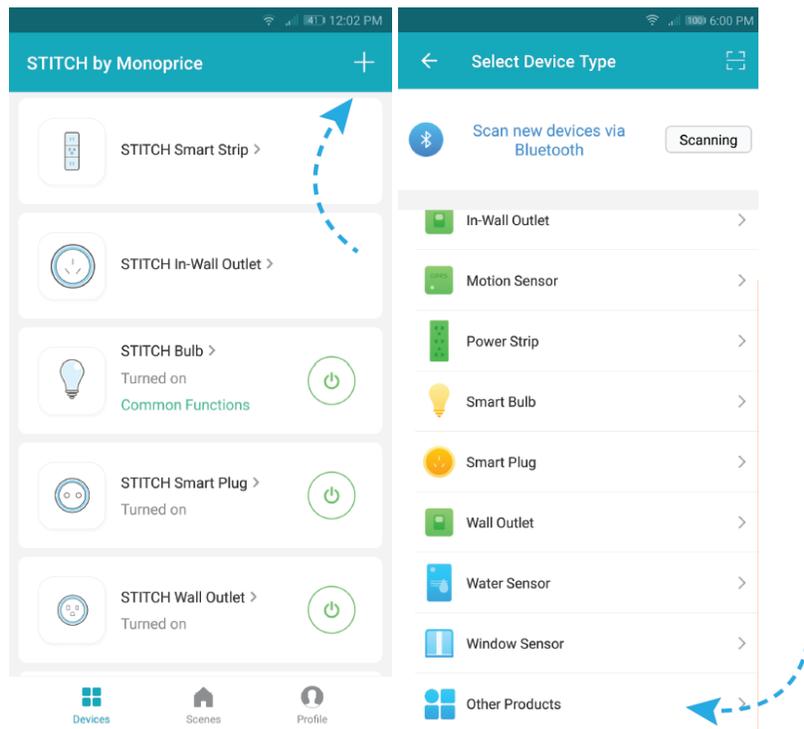
A screenshot of the STITCH app's login interface. At the top, there is a teal header with a back arrow and the word 'Login'. Below this, there are three input fields: 'Region' with 'USA +1' and a right-pointing chevron, 'Mobile Number/E-mail', and 'Password' with an eye icon for toggling visibility. A large grey 'Login' button is positioned below the input fields. At the bottom of the screen, there are two links: 'Sign in with SMS' and 'Forgot Password'.

ADD A DEVICE

Smart Inclusion Installation

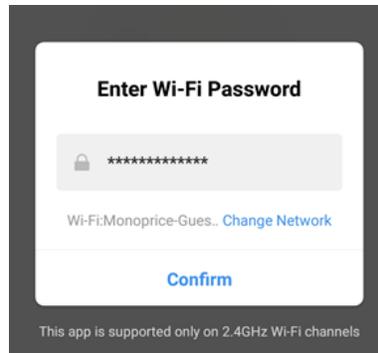
Smart Inclusion is the default mode for installing your device. It uses your wireless network to communicate between your smartphone and the smart device. If you do not have a Wi-Fi® network or do not wish to include it in your network, see the *AP Mode Installation* section.

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

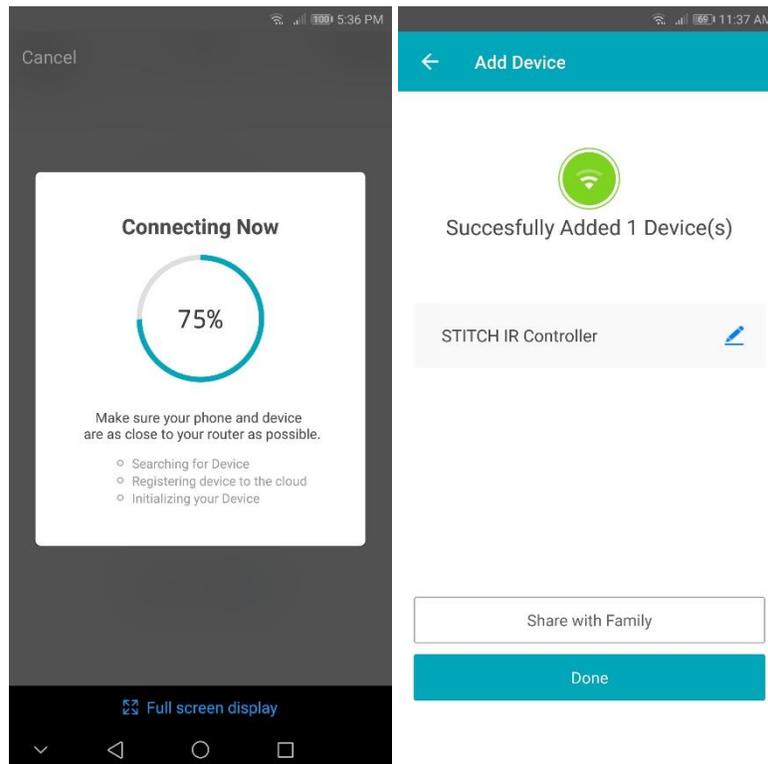


2. Scroll through the list and select **Other Products** (or **IR Controller**, if available) to add your new device to the STITCH™ app.

- The **Status Indicator** should be flashing red rapidly, indicating that it is ready to be paired with your network. Tap **Confirm** on the app to continue, input the password to your wireless network, then tap **Confirm** again.



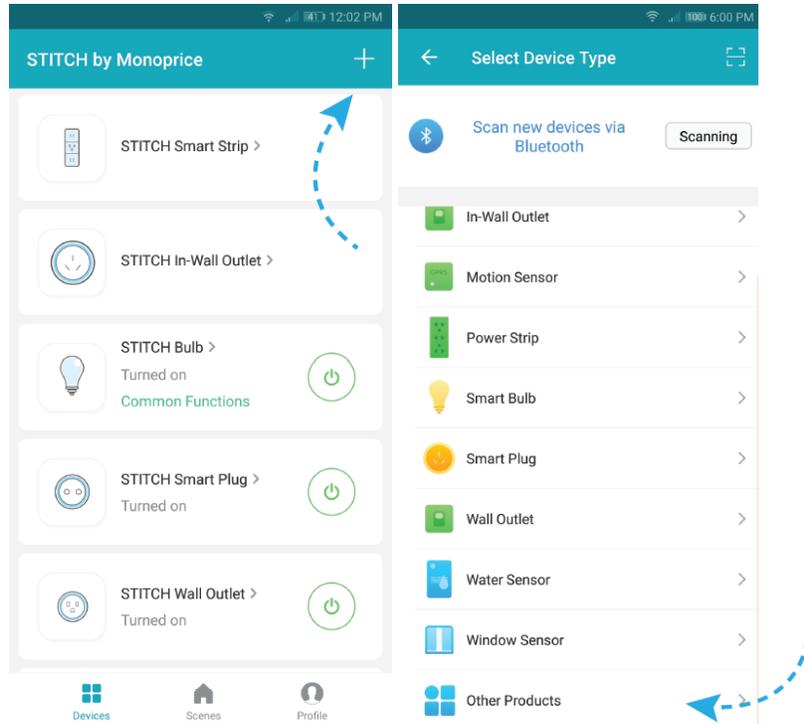
- The app will start connecting to the device. Tap **Done** once it is completed.
- If the **Status Indicator** is not flashing red rapidly, use a paper clip to press and hold the **Reset Button** for 5 seconds. The **Status Indicator** will flash red rapidly, indicating that the device has been successfully reset and is ready to be paired with your network.



AP Mode Installation

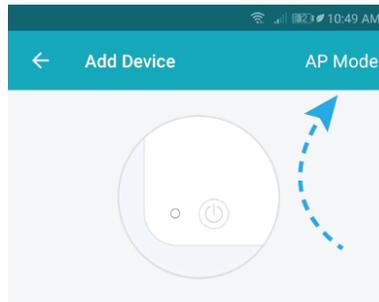
AP mode differs from Smart Inclusion mode in that it does not use your Wi-Fi® network to manage the communications between your smartphone and the device. Instead, it connects your phone's Wi-Fi directly to the device's built-in hotspot network.

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 **IR Controller**, if available) to add your new device to the STITCH app.

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

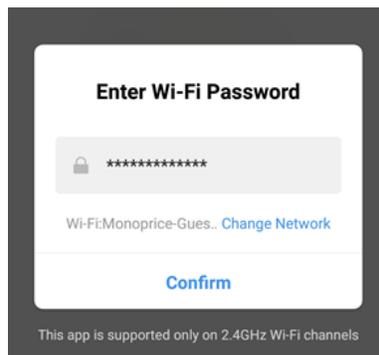


**Power on the device and confirm
that indicator light rapidly blinks**

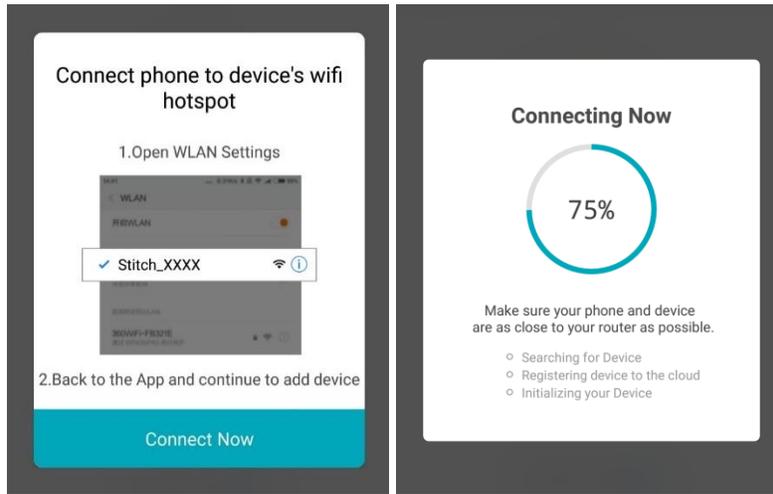
[How to make indicator rapidly blink](#)

Confirm indicator rapidly blink

5. The **Status Indicator** should be slowly blinking red, 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.

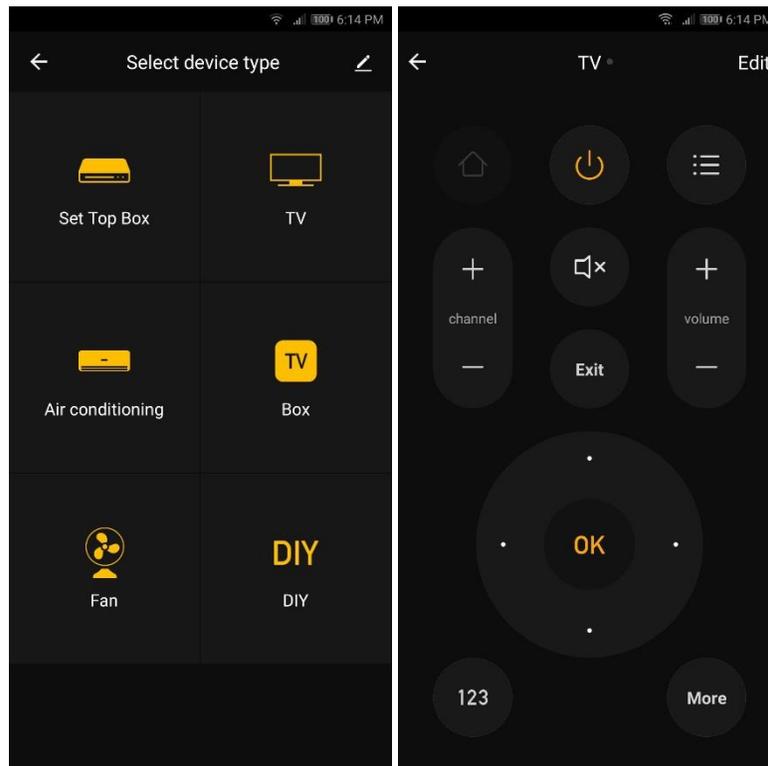


6. In the wireless settings on your phone, select the **Stitch-XXXX** entry, then tap **Connect Now** to continue. The app will begin connecting to the device.



APP FEATURES

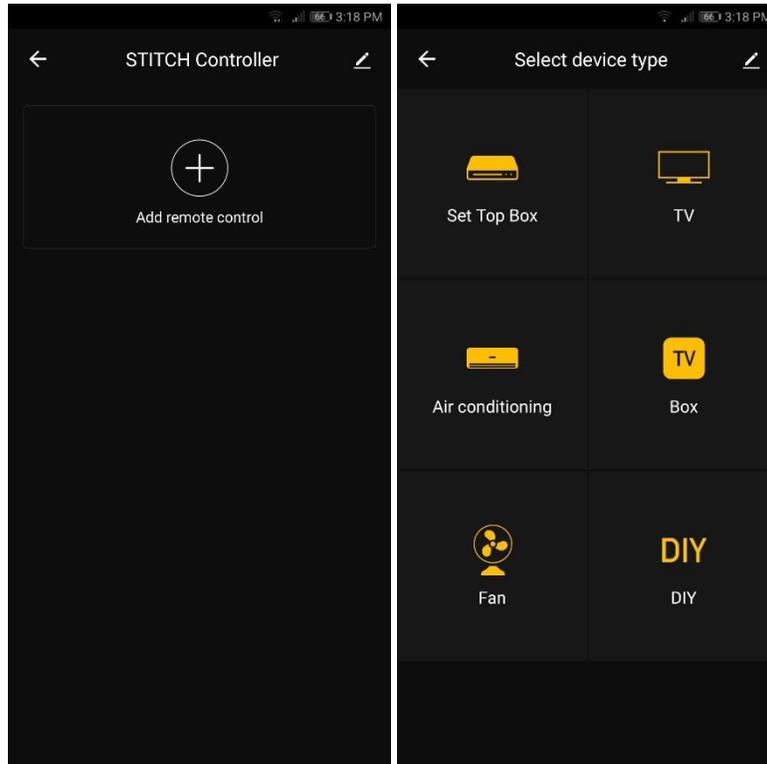
- Set up your universal IR controller and select from over 3,940 preprogrammed devices
- Eliminate your multiple remote controls with an all-in-one remote using your smartphone or tablet
- Pair with other STITCH™ smart devices to create a scene and trigger other actions to perform



APP OPERATIONS

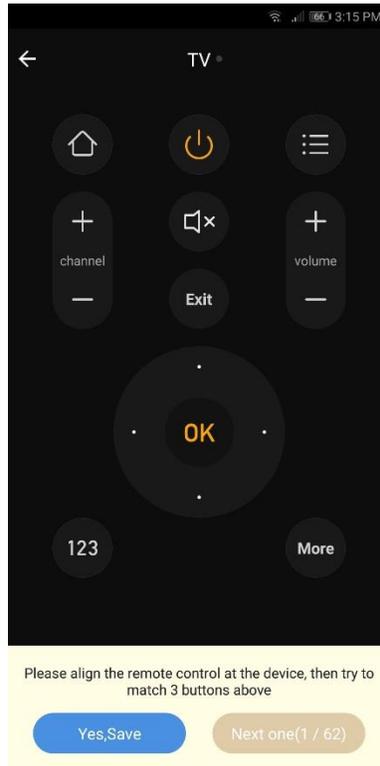
Adding a Remote

1. Launch the STITCH™ app, then tap **Add remote control**.



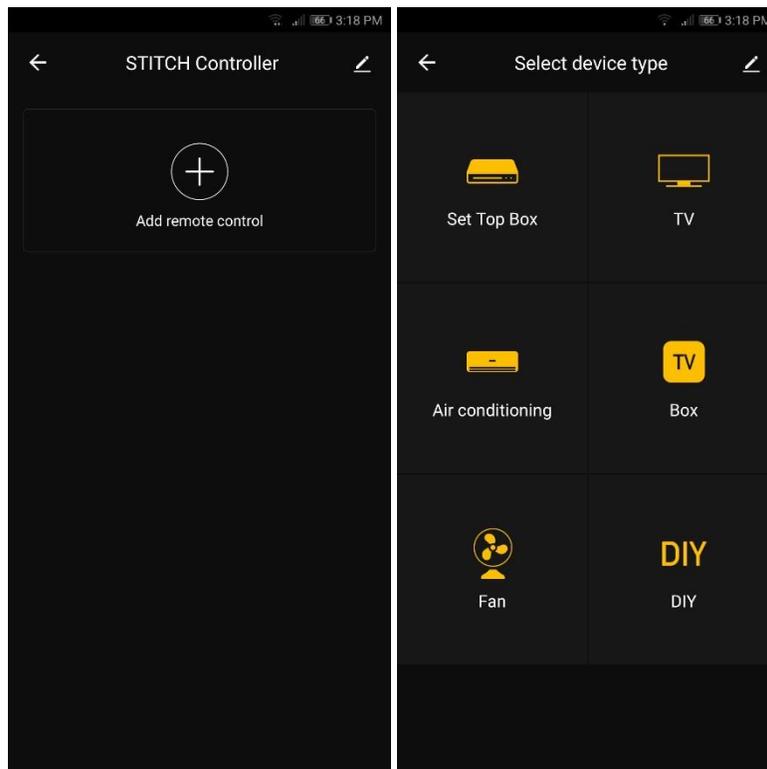
2. Select a device type. You can choose **Set Top Box**, **TV**, **Air conditioning**, **TV Box**, **Fan**, or **DIY**. The **DIY** option allows you to create your own remote type.
3. Select from the list of preprogrammed devices. If your device is not listed, go back to the previous step and select the **DIY** option, then refer to the *Adding a DIY Device Type* section below. For a complete list of devices, refer to the product page on www.monoprice.com.
4. After selecting your device, the controller will enter **Learning Mode**. The **Status Indicator** will illuminate solid red.
5. Align the IR emitter on your remote with the IR receiver on the IR Controller.
6. Press a button on your remote control, then press the corresponding button in the app.

7. Once the buttons are matched, tap the **Yes, Save** button in the app.



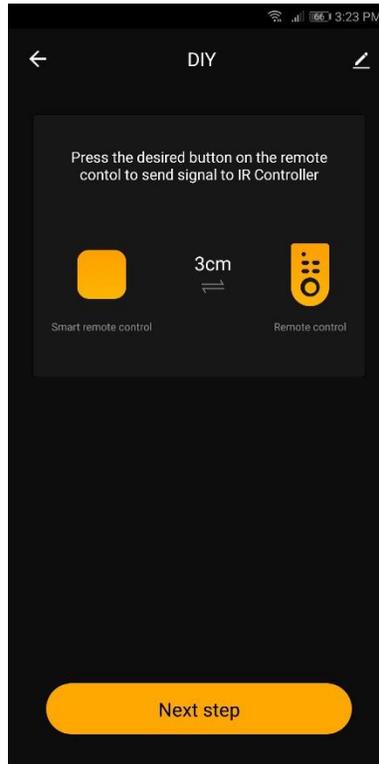
Adding a DIY Device Type

1. Launch the STITCH™ app, then tap **Add remote control**.

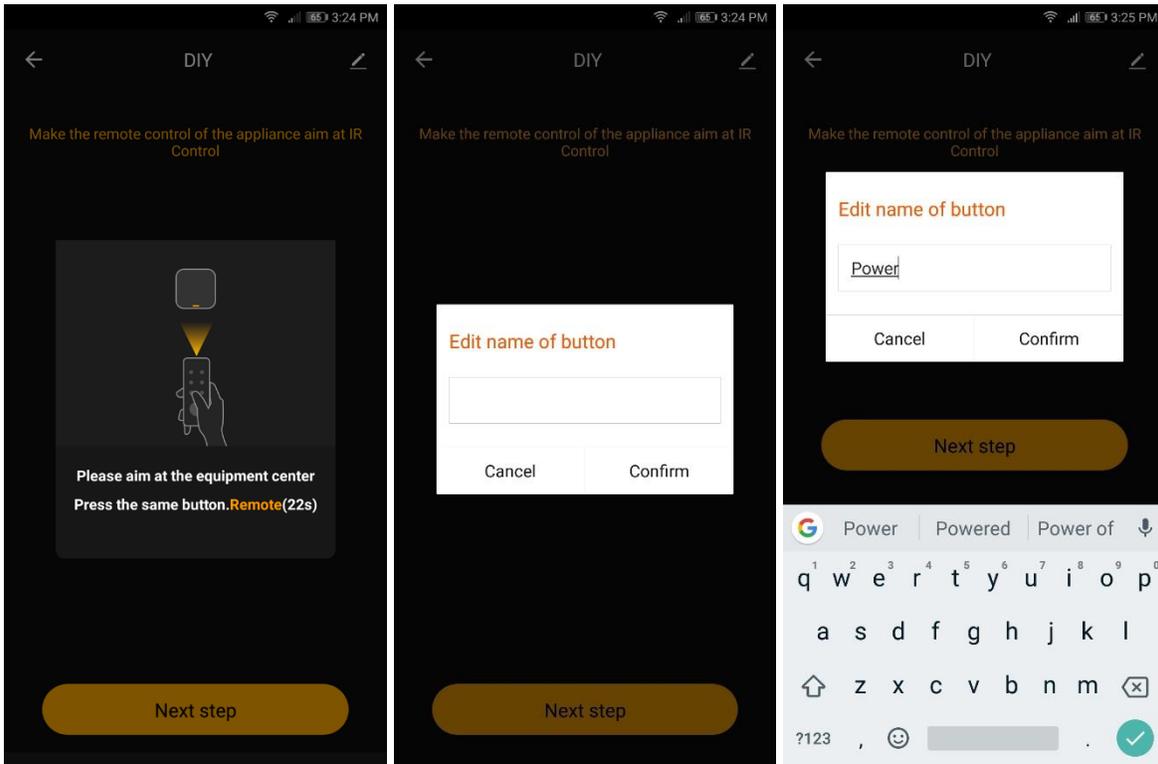


2. Select the **DIY** option.

3. Align the IR emitter on the device's remote control with the IR receiver on the IR Controller. Ensure that the remote control is within 3cm of the IR Controller.
4. Tap **Next Step** in the app to continue. The **Status Indicator** will illuminate solid red, indicating that the IR Controller is in **Learning Mode**.

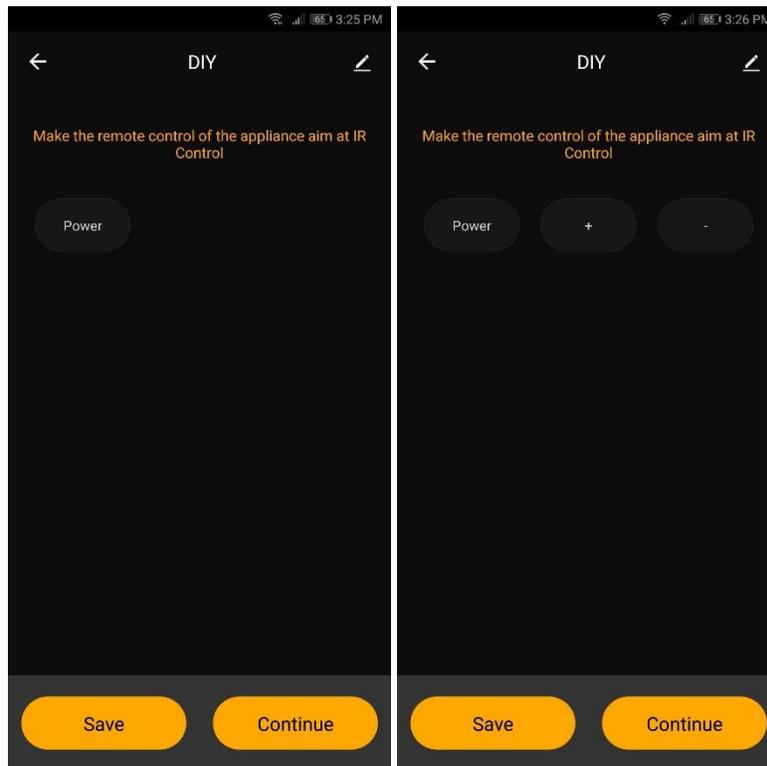


5. Press the button on the remote that you wish to teach to the IR Controller. The **Status Indicator** will extinguish.



6. Enter the name of the button, tap **Confirm**, then tap **Next step**.

7. If you have another button you want to teach to the IR Controller, tap **Continue**, then repeat steps 5 and 6.



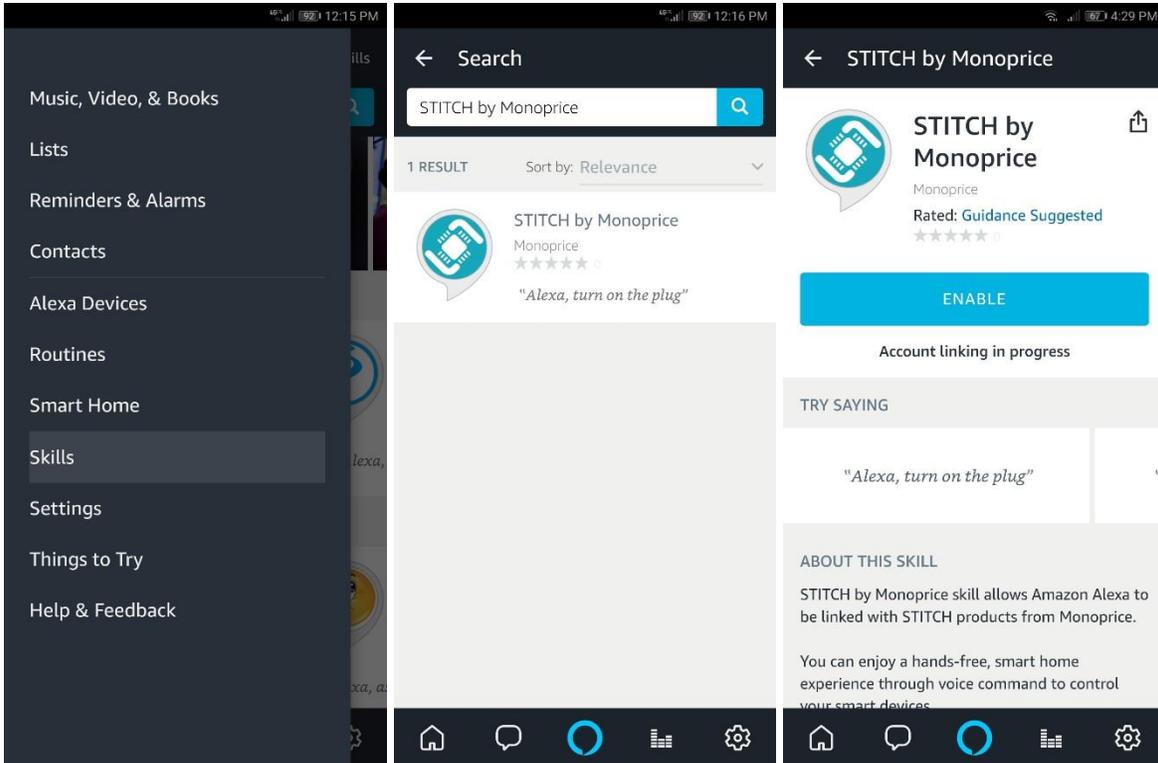
8. Once you have finished teaching buttons to the IR Controller, tap **Save** to save the changes.

*Note: To add a new button or delete a button, tap **Edit** in the upper right corner of the custom remote control panel.*

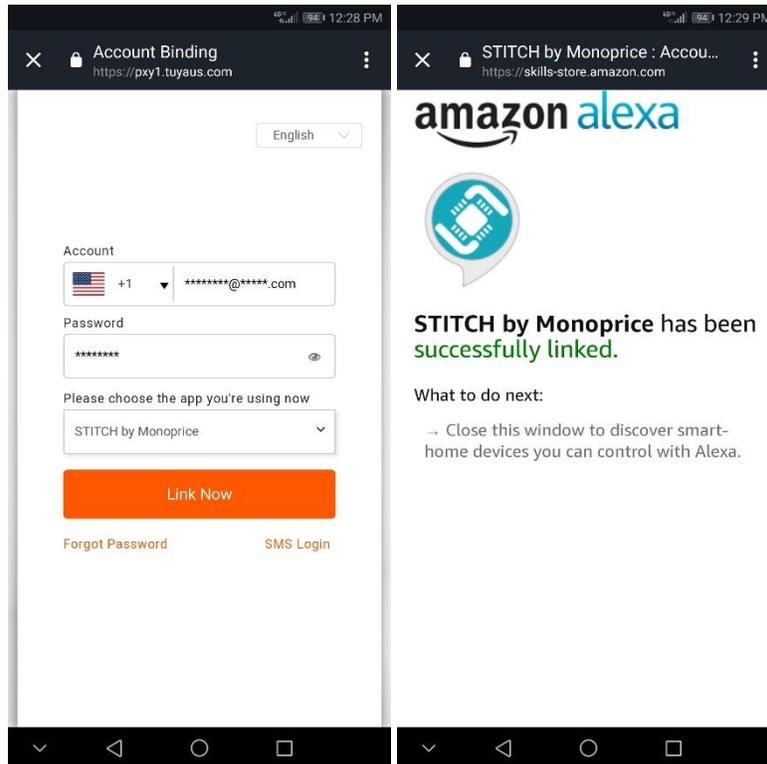
LINK DEVICES TO AMAZON ALEXA

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

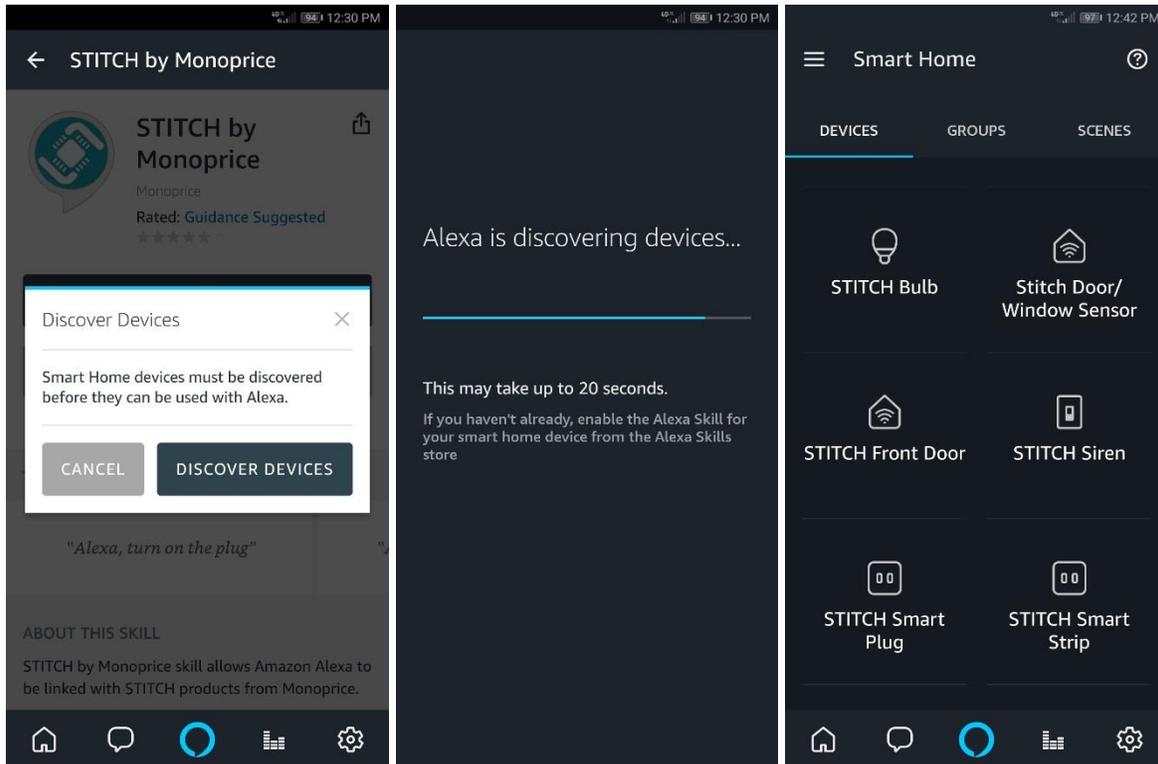
- At least one device added under STITCH™ by Monoprice account and the device's name can be easily recognized by Echo™
2. Add one or more devices in the STITCH by Monoprice app by following the instructions in the *ADD DEVICE* section above.
 3. In the Amazon Alexa™ app menu, tap **Skills**, then search 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.



- 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.

- 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
- 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	Status Indicator flashes rapidly
AP Mode	Status Indicator flashes slowly
Not Connected to a Network	Status Indicator is on
Connect to a Network	Status Indicator is off
Transmitting Data	Status Indicator flashes once
Enter Learning Mode	Status Indicator turns on
Received Learning Signal	Status Indicator turns off

BUTTON INSTRUCTIONS

In Network	Press and hold the Reset Button for 5 seconds, then release it 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 and hold the Reset Button for 5 seconds, then release it to switch 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 or through email by sending a message to tech@monoprice.com. Check the website for support times and links.

SPECIFICATIONS

Model	35753
Radio Frequency	2.4 GHz
Supported Network Protocols	IEEE802.11 b/g/n
Input Power	USB 5 VDC, 1A
Infrared Frequency	38kHz
Infrared Angle	360°
Infrared Range	Up to 16 feet (5 meters)
Operating Temperature	+32 ~ +113°F (0 ~ +45°C)
Dimensions	2.2" x 1.5" x 1.2" (57 x 39 x 30 mm)
Weight	1.9 oz. (52g)

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.

Android™ and Google Play™ are trademarks of Google LLC.

Cisco® and IOS® are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

Wi-Fi® is a registered trademark of Wi-Fi Alliance.

Amazon™, Amazon Alexa™, Amazon Echo™, Echo Tap™, Echo Dot™, and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

STITCH™ and the STITCH logo are trademarks of Monoprice Inc.