



STITCH™



Smart Wi-Fi® RGB Light Bulb

P/N 44540
User Manual

Thank you for purchasing this product

To ensure optimum performance and safety, read the following instructions before connecting, operating, or adjusting the product. Keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may have been damaged by electrical spikes, surges, electric shocks, lightning strikes, etc. The use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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Safety Warnings and Guidelines

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

- This bulb is intended for indoor use only. Do not expose it to water or moisture of any kind, including dripping or splashing water. If moisture does get in or on this device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not touch the bulb with wet hands.
- Do not expose this device to excessive vibration, extreme force, shock, or fluctuations in temperature or humidity.
- This bulb is heavier than ordinary incandescent bulbs. Ensure that the light fixture is capable of supporting the weight of the bulb.
- Do not expose this bulb to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not install this bulb in an enclosed light fixture. Use only in open-frame fixtures.
- Do not use this bulb with a dimmer of any kind.
- 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 bulb has no user-serviceable parts. Do not attempt to open, service, or modify this device.

Introduction

Powered by STITCH™, the Smart Wi-Fi® RGB Light Bulb allows you to remotely control the brightness and customize the color of your home's lighting. The free STITCH app for iOS® and Android™ devices uses your home's existing Wi-Fi network to communicate with the bulb, so you won't need separate mesh network hubs or controllers. You can monitor and control the bulb 24/7 from anywhere you have an internet connection. This energy-efficient bulb consumes only 9 watts of power but produces up to 800 lumens of brightness, the equivalent of a 60-watt incandescent bulb. Additionally, you can set it to more than 16 million colors, making it perfect for creating custom lighting.

Features

- Free STITCH™ app for iOS® and Android™ devices
- Communicates using your existing Wi-Fi® network
- Compatible with Amazon Alexa™ and Google Assistant™
- Timer function and scheduling
- Displays more than 16 million colors
- Easy setup and installation
- Compatible with STITCH™ Automatic Actions
- Equivalent to a 60-watt incandescent bulb

Package Contents

Ensure you have all the items listed below. If an item is damaged or missing, contact Monoprice Customer Service for a replacement.

- 1x STITCH™ Smart Wi-Fi® RGB Light Bulb
- 1x Quick Start Guide

Requirements

The following elements are required to connect this bulb to your Wi-Fi® network and use the STITCH™ Smart Wi-Fi app.

- STITCH™ Smart Wi-Fi® RGB Light Bulb
- Mobile devices using the iOS® 8.0 and later or Android™ 4.4 and later operating system
- 2.4GHz Wi-Fi router connected to the internet (supports 2.4GHz only)

Pairing Mode

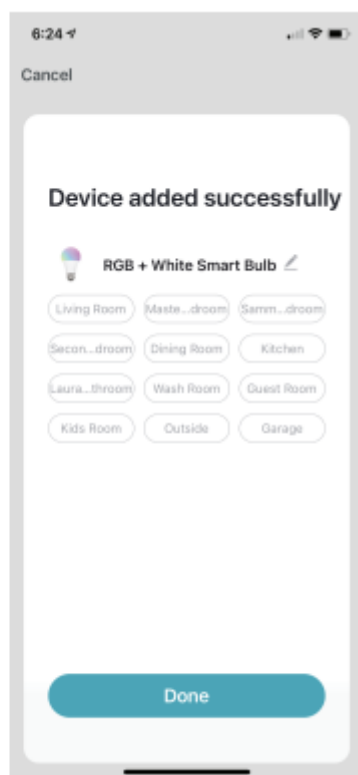
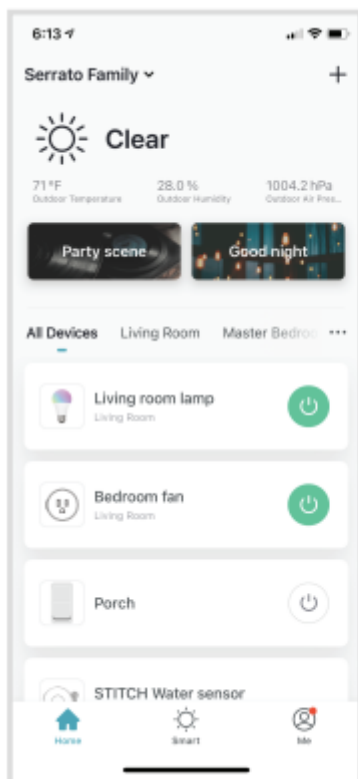
1. Screw the smart bulb in a standard E26 bulb socket and turn the power on.
2. With the smart bulb on, quickly turn OFF/ON the power three times and leave it ON the fourth time.
3. The light from the smart bulb should pulse a few times indicating it is now in pairing mode.

Adding the smart bulb to your network:

To follow the on-screen instruction on the STITCH by Monoprice app, tap the following in order:

1. “+”
2. “Others”
3. “Smart Bulb”

Adding Devices



1. Tap “+” to Add Devices to select the device from the list.
2. The STITCH device must be powered on and its indicator light is flashing rapidly before proceeding to add the device.
3. If it is not flashing rapidly, press and hold the device’s reset button for 5-6 seconds to reset.

Connecting to Wi-Fi

1. Search the Apple® App Store® or Google Play™ for the STITCH™ by Monoprice™ app or scan one of the QR codes below to get to the app page. Download and install the app to your device.

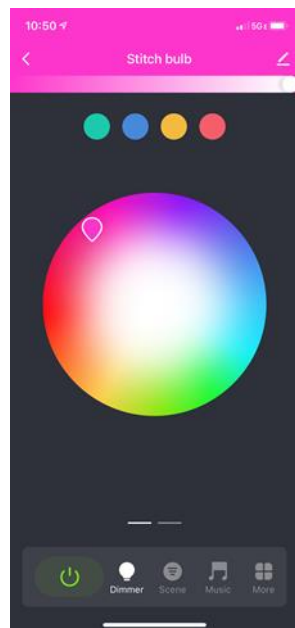


2. Follow the on-screen instructions to register and set up your Smart Home. Note that there are two **Mode Configurations** to choose from before adding the device to the app, Easy Mode and AP Mode. We recommend **Easy Mode**.

Controlling the Bulb

Use the various controls in the app to select **White** light, change **Color**, set up a **Scene**, or set a **Timer**.

The instructions in this manual are a guide to the app as of this writing, but the app is updated from time to time and the procedures may change. If they differ, always defer to the instructions in the app over any instructions in this manual.



Easy Mode Configuration

*Note that the bulb can pulse rapidly or slowly, depending on which Mode is active. Rapid pulsing indicates **Easy Mode** and slow pulsing indicates **AP Mode**. To switch modes, quickly turn the bulb on/off three times.*

1. Disconnect the lamp from its AC power outlet.
2. Screw the STITCH™ Smart Wi-Fi® RGB Light Bulb into the lamp's E26 socket.
3. Plug the lamp into an AC power outlet, then turn on the lamp's switch. You should see the bulb's white light pulsing rapidly a few times, this means it is in pairing mode. If it is not pulsing rapidly (i.e., it is solid or pulsing slowly), turn the lamp on/off quickly three times and then leave it on the fourth time. This should reset it and the light should start pulsing rapidly.
4. Open the **STITCH™ by Monoprice™** app, then tap the **+** in the top right corner of the screen. Choose the **Others** options, then select **Smart Bulb**.
5. Confirm you saw the bulb pulse rapidly a few times by tapping **Confirm indicator rapidly blinking**.

6. Select your Wi-Fi® network and input your password. Note that only 2.4GHz networks are supported. If your router has both a 2.4GHz and 5GHz band with both using the same SSID, change the SSID of the 5GHz band or temporarily disable it.
7. Wait for the process to complete, then tap **Done**.

AP Mode Configuration

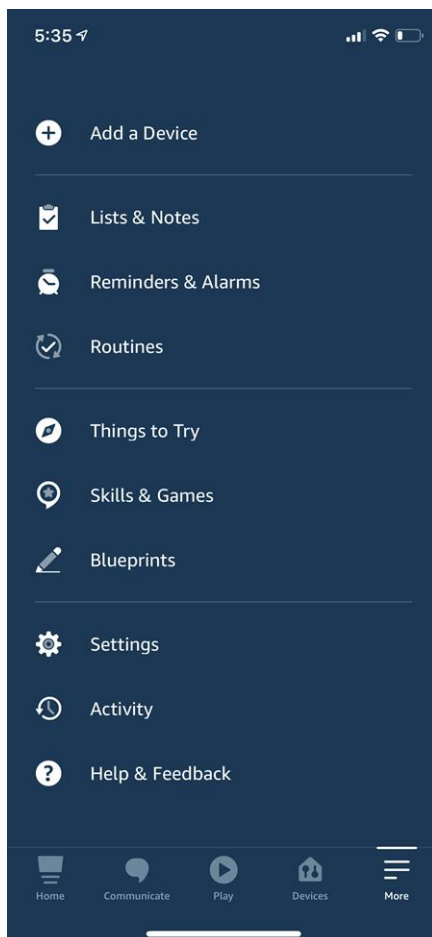
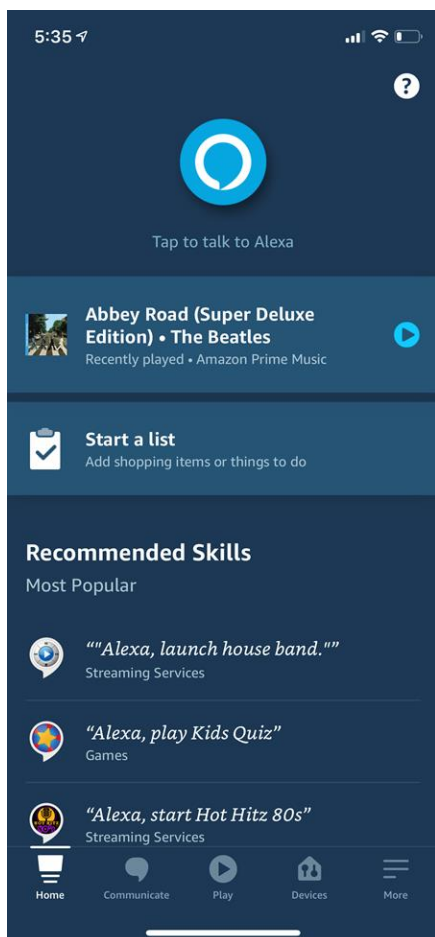
*Note that the bulb can pulse rapidly or slowly, depending on which Mode is active. Rapid pulsing indicates **Easy Mode** and slow pulsing indicates **AP Mode**. To switch modes, quickly turn the bulb on/off three times.*

1. If connecting in **Easy Mode** fails, try changing to **AP Mode**. Tap **+** in the upper right corner of the screen, then select **Others** followed by the **Smart Bulbs** option.
2. Select **Other Mode** in the upper right corner of this screen, then select **AP Mode**.
3. Turn the lamp on/off quickly three times, then leave it on the fourth time.
4. Tap the button on the screen to confirm that the **bulb light is pulsing slowly**.
5. Select your Wi-Fi® network and input your password. Note that only 2.4GHz networks are supported. If your router has both a 2.4GHz and 5GHz band with both using the same SSID, change the SSID of the 5GHz band or temporarily disable it.
6. Tap **Connect Now**, then open your phone's settings to select a Wi-Fi® network. You should see a network named **Stitch-XXXX**. Select it to connect.
7. Go back to the **STITCH by Monoprice** app and complete the process.

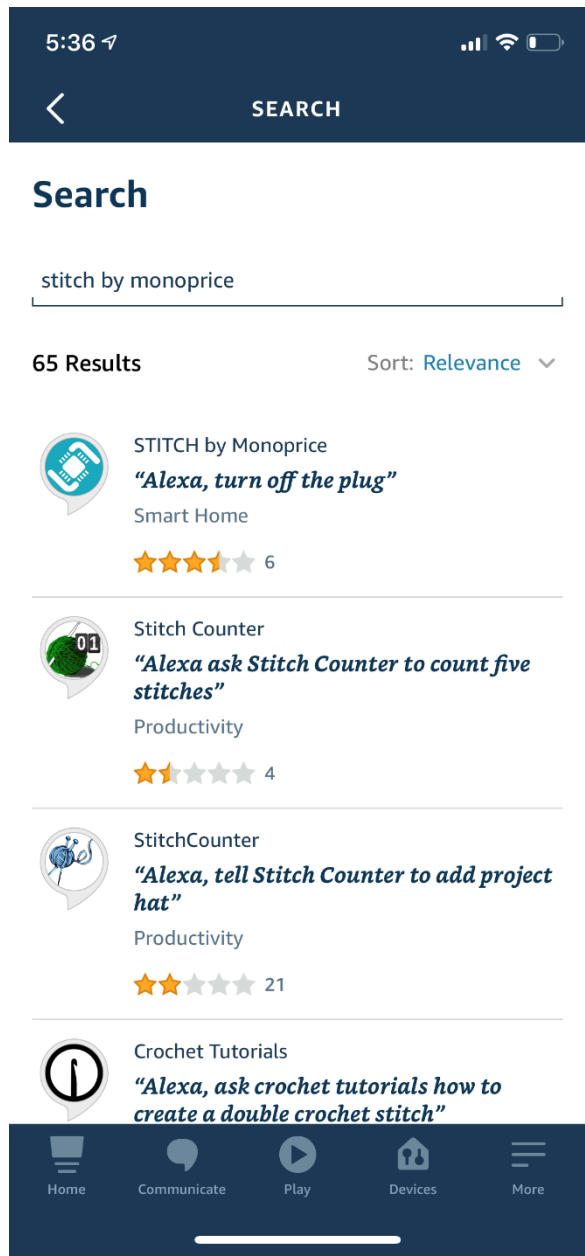
Voice Assistant

AMAZON ALEXA

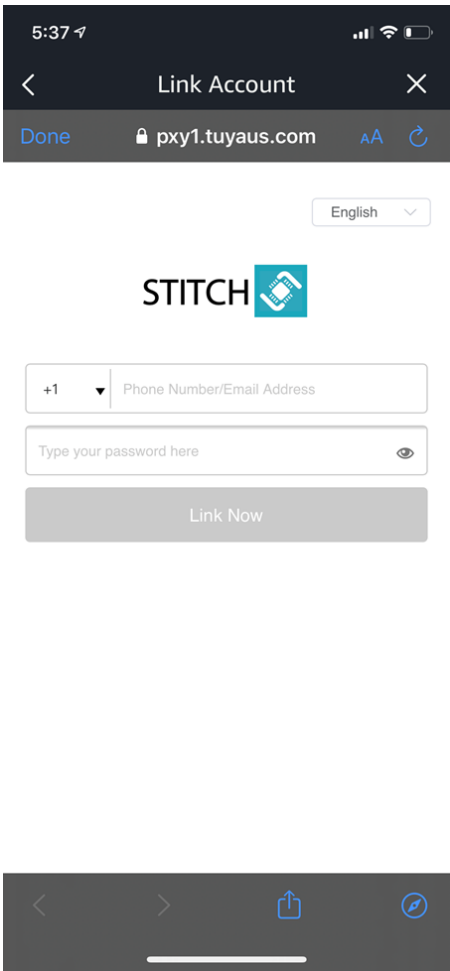
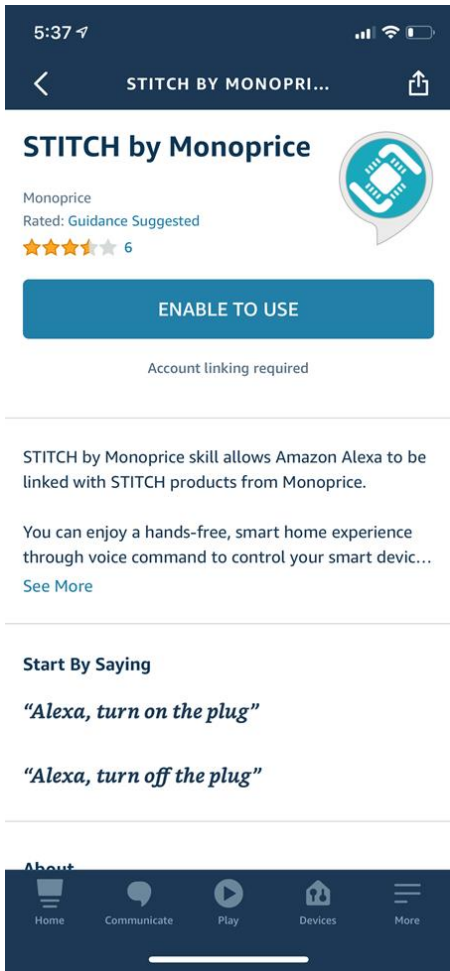
1. Launch the **STITCH™** app and verify that the **Smart Bulb** is in the **Device List**.
2. Edit the **Smart Bulb** name to something that Alexa™ will easily recognize, such as Living Room Light, Bedroom Lamp, etc.
3. Minimize the **STITCH** app, then launch the **Alexa** app and sign in to your account. Ensure that you have at least one Alexa voice control device installed, such as an Echo™, Echo Dot™, etc.
4. Tap the **More** icon in the lower right corner of the **Home Page** to show the app menu, then tap **Skills & Games** in the menu.



5. Type **STITCH by Monoprice** in the search field, then tap the **STITCH** entry to select it.



6. Tap the **ENABLE TO USE** button, then sign in to your STITCH™ account to complete the account linking.



7. After your account is linked, you need to discover the device to use it. Tap the **DISCOVER DEVICES** button. After about 20 seconds Alexa™ will display a list of devices.



Discover Devices

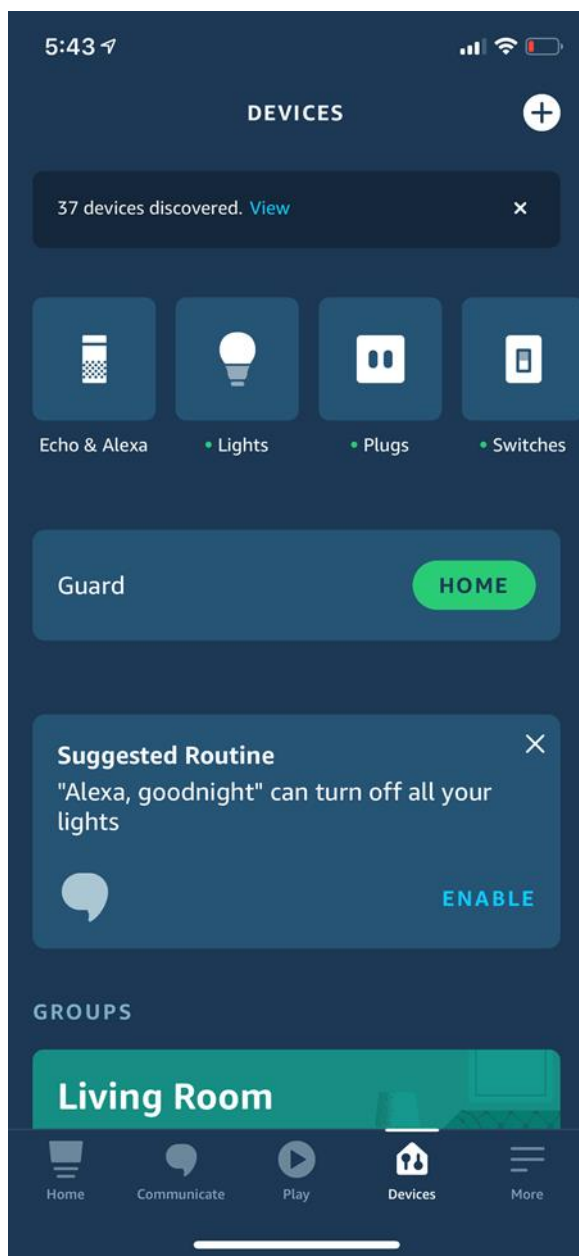
Smart Home devices must be discovered before they can be used with Alexa.

CANCEL

DISCOVER DEVICES

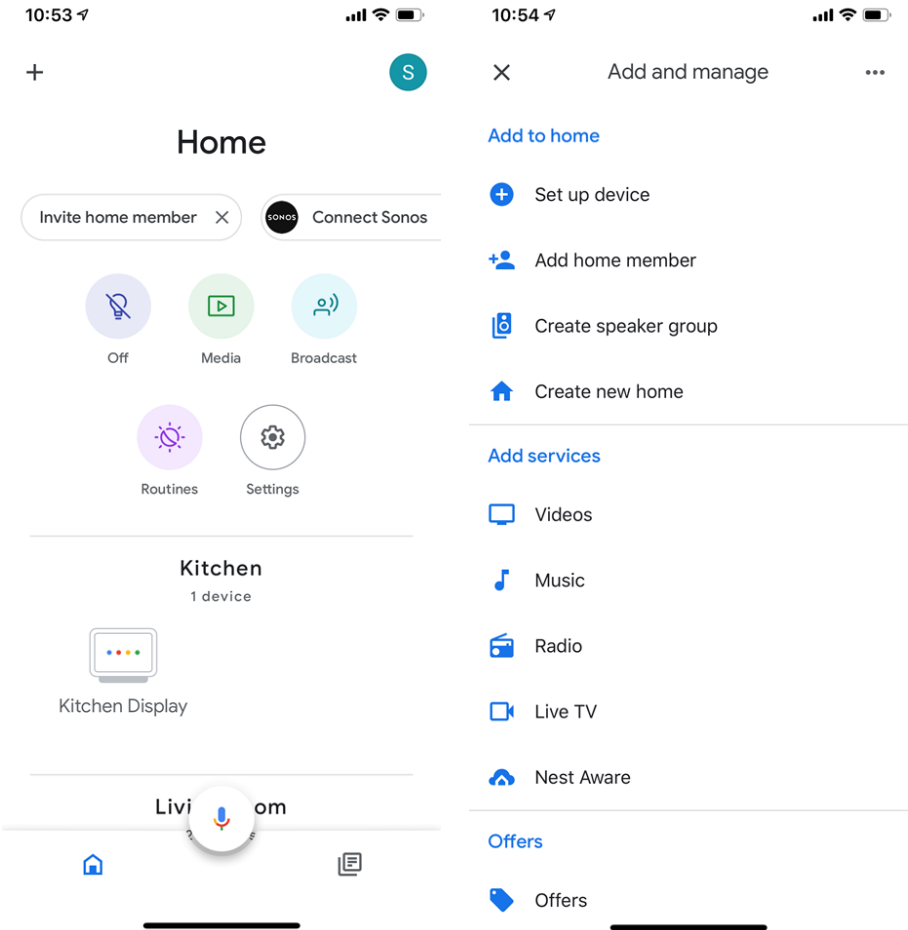


8. Tap **Devices** to control your **Smart Bulb**, add it to **Groups** or **Routines**, and more.



GOOGLE HOME

- 1. Launch your Google Home™ app and verify that your Google Home Speaker is installed. If not, follow the Google Home Speaker installation instructions.
- 2. Once Google Home is installed, tap + in the upper left corner of the home page to show the **Add and manage** screen, then tap **Set up device**.



3. Tap **Have something already set up?**. On the following screen, tap the **Search** icon (magnifying glass), then type **STITCH** into the search field. Select the **STITCH™ by Monoprice™** entry, then follow the on-screen instructions to complete the account linking process.

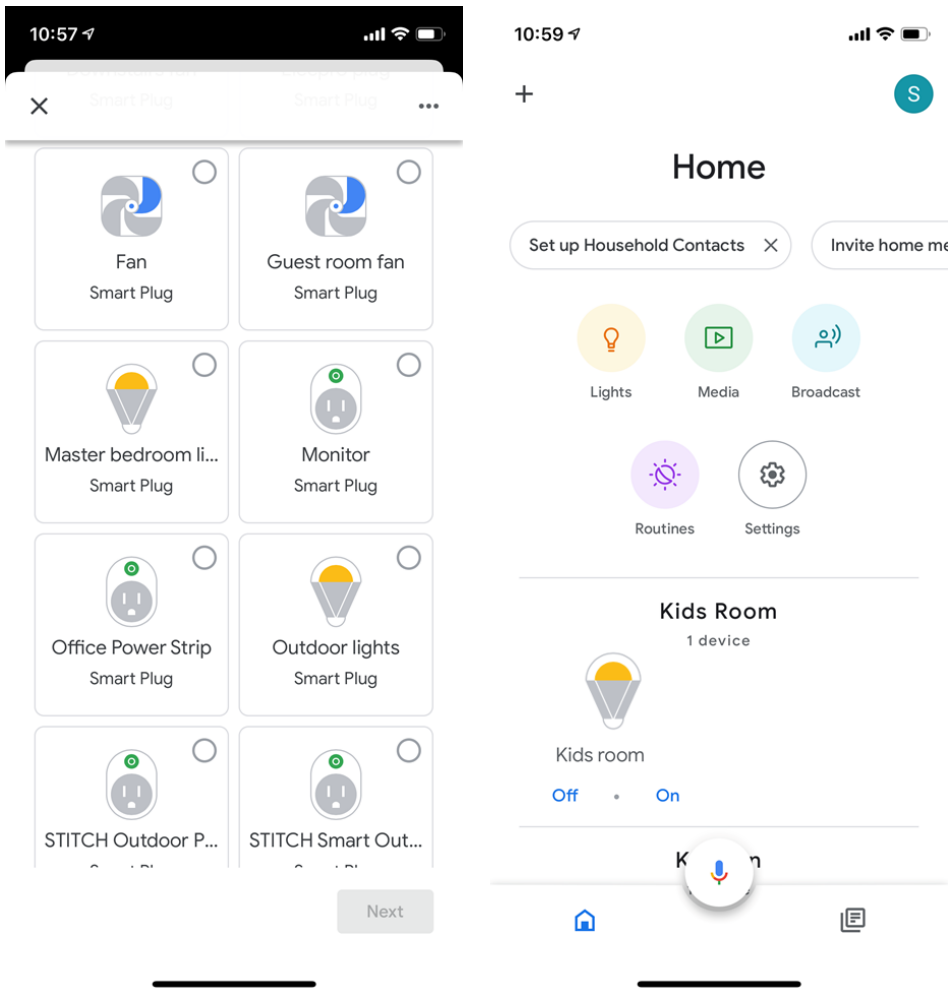
The image consists of two side-by-side screenshots of a mobile application interface. The left screenshot shows a search screen with a status bar at the top displaying the time 10:55 and signal/battery icons. Below the status bar is a search bar containing the text 'Stitch' with a magnifying glass icon to its right. Below the search bar is a list of search results, with the first result being 'STITCH by Monoprice' accompanied by a blue icon of two interlocking puzzle pieces. A keyboard is visible at the bottom of the screen. The right screenshot shows a login screen with a status bar at the top displaying the time 10:55 and signal/battery icons. Below the status bar is a navigation bar with a 'Done' button, a lock icon, the URL 'pxy1.tuyaus.com', and 'AA' and refresh icons. Below the navigation bar is a blue icon of two interlocking puzzle pieces. Below the icon are two input fields: the first is labeled '+1' and 'Phone Number/Email Address', and the second is labeled 'Type your password here' with an eye icon to its right. Below the input fields is a 'Link Now' button. At the bottom of the screen is a navigation bar with back, forward, and home icons.

4. After successfully linking your account, you will see all the smart devices in your STITCH™ by Monoprice™ account. You can assign each device to specific rooms.

5. You can now use your Google Home Speaker to control your smart devices by saying something like:

“OK Google, turn on the kid’s room light”

“OK Google, turn off the lamp”



Troubleshooting

I cannot connect to my Wi-Fi® network.	• Verify that you are connecting to a 2.4GHz network. If your router has both a 2.4GHz and 5GHz band with both using the same SSID, change the SSID of the 5GHz band or temporarily disable it. • Verify that you entered your Wi-Fi password correctly. • Check for any internet connectivity issues. Reset your router and try again.
I cannot control my Smart Bulb using Alexa™ or Google™ voice assistant.	• Check for any internet connectivity issues. • Verify that have enabled the STITCH™ by Monoprice™ app in the Alexa or Google app. • Ensure that you are using the proper commands when talking to your voice assistant. Repeat your command, speaking clearly in English. • If you have renamed your Smart Bulb in the STITCH app, you will need to rediscover it in the Alexa or Google app.

Specifications

Model	44540
Bulb Type	LED
Bulb Material	Plastic
Input Power	120 VAC, 60Hz
Maximum Power Consumption	8 watts
Standby Power Consumption	< 0.5 watts
Color Temperature Range	2200K ~ 6500K
Number of Colors	More than 16 million
Dimmable	Yes
Maximum Brightness	650 lumens
Equivalent Incandescent Bulb	60 watts
Bulb Size	BR30 (19/8")
Edison Screw Size	E26
Radio Protocols	Wi-Fi® (IEEE 802.11 b/g/n) and Bluetooth® 4.0
Radio Frequency	2.412 ~ 2.484 GHz
Radio Channels	1 to 14 at 2.4GHz
Indoor Radio Range	Up to 98 feet (30 meters)
Outdoor Radio Range	Up to 229 feet (70 meters)
Supported Encryption Types	WPA and WPA2
Voice Control Support	Amazon Alexa™ and Google Assistant™
Operating Temperature	+14 ~ +104°F (-10 ~ +40°C)
Storage Temperature	-40 ~ +140°F (-40 ~ +60°C)
Dimensions	ø2.4" x 4.4" (ø60 x 112 mm)

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 problems 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.

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.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type **44540** into the search bar. If available, support files are linked at the bottom of the product page.

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.

Notice for ISED 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.

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Radio Notice for FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modifications to said product not expressly approved by Monoprice, including the use of non-approved antennas, could void the user's authority to operate this device.

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.



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Need Help? We're here for you!

Contact us: **www.monoprice.com/contactus**

Product pictures are for reference only.

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