



L.T.F.

# Lite Stream Mobile App for Wireless IoT Devices

## Connection, Setup and Usage Instructions



### FEATURES

- Google Home / Alexa / IFTTT Compatible
- Room / zone and group creation for combined lighting control and easy access
- CCT tunable (CCT range depends on LED specs)
- Dimming to 1%
- Control all of your IoT / Smart Home connected devices and appliances
- Scheduling / Automation: Trigger based on temperature, humidity, weather, sunset / sunrise, or specific time & day conditions
- Actions: ON/OFF, dim, CCT change, effects, send notification
- Device sharing
- Connect up to 1000 devices
- Cloud connected (with Bluetooth gateway), control from anywhere in the world with an internet connection



Download the Free Lite Stream Mobile App for iOS from [Apple App Store](#) and for Android OS from [Google Play Store](#)

## LITE STREAM MOBILE APP SETUP & INSTRUCTIONS

### 1. Account Creation

User accounts can be created in Lite Stream through email or phone number. When first launching the app, you will be asked to register or login with an existing account. (1a)

Select to register through either method as shown. (1b, 1c)

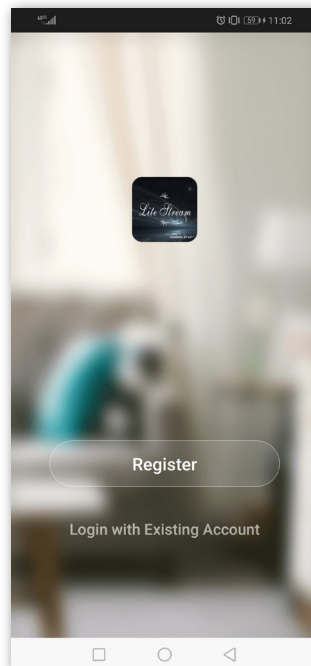


Fig. 1a

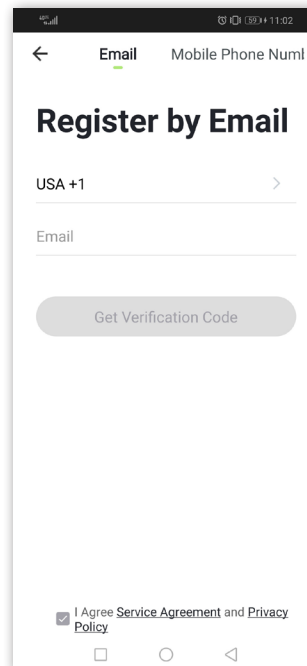


Fig. 1b

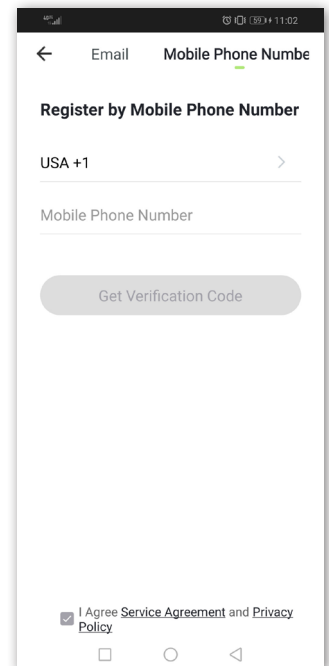


Fig. 1c



## 2. Setting Up New Bluetooth Devices

Setting up new lighting devices starts from the main menu of the LiteStream app. On the top right corner, select the “+” symbol to add a new device. (2a)

On the following screen with different device categories, select “Lighting” then choose “Lighting (Bluetooth).” (2b)

The following screen will appear which will ask you to switch your lighting device on and off until you see your lights flashing. (2c)

After flashing occurs, click on the green button to proceed to start scanning for Bluetooth lighting devices. (2d)

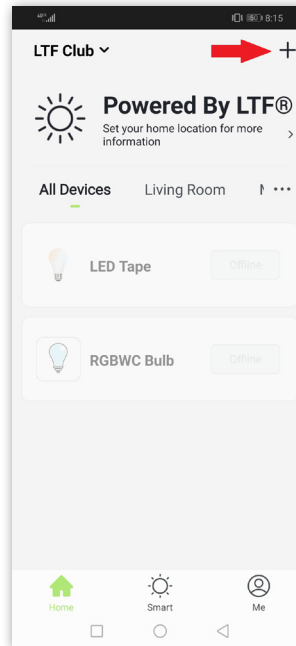


Fig. 2a

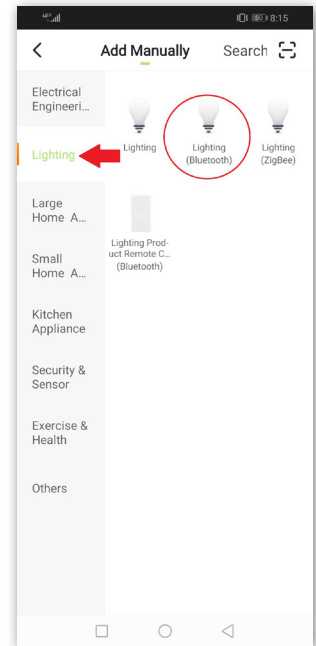


Fig. 2b

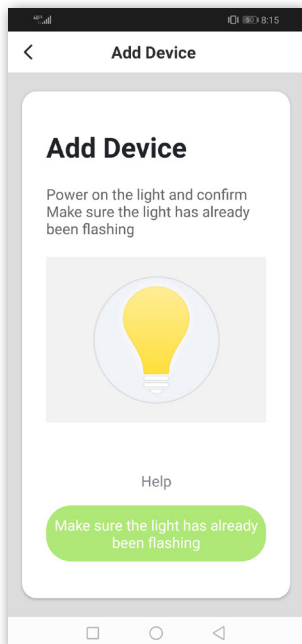


Fig. 2c

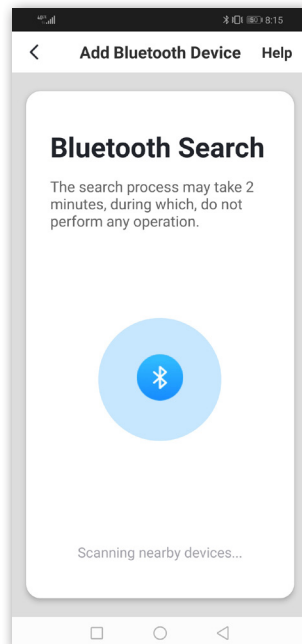


Fig. 2d

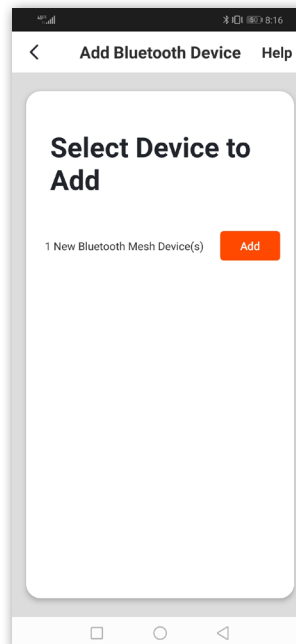


Fig. 2e

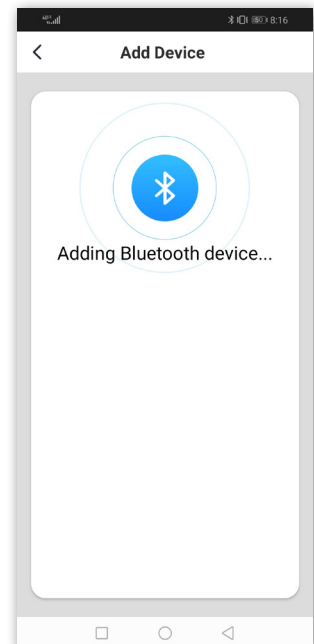


Fig. 2f

Once your device has been added, return to the home screen to find your newly paired device. Please make sure to refresh the page if no new device can be found.



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3. Families & Rooms

Upon successful account creation and login, you will be asked to create a family. Families contain all smart devices that can be found within your home. (3a)

You may also be a part of multiple families or create multiple families for different areas of your home such as garage or outdoor environment if desired.

Give your family a name and configure your rooms of choice.

To further configure rooms, in the main menu, select the three dots which can be found on the top right by the room list. (3b)

Device sequence is self-explanatory and will allow you to that just that. (3c)

When selecting room management, you will have the ability to add/remove/edit and assign lighting sources to each room. (3d - 3h)

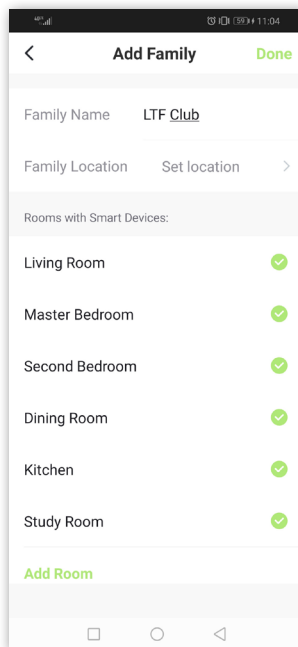


Fig. 3a

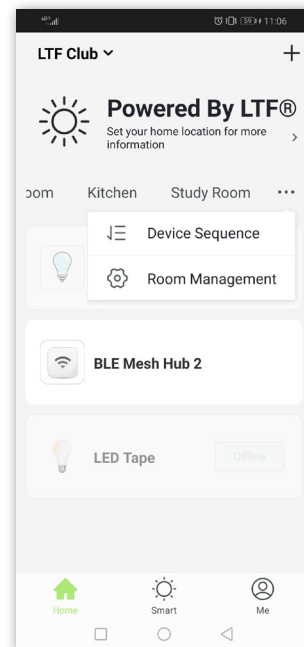


Fig. 3b

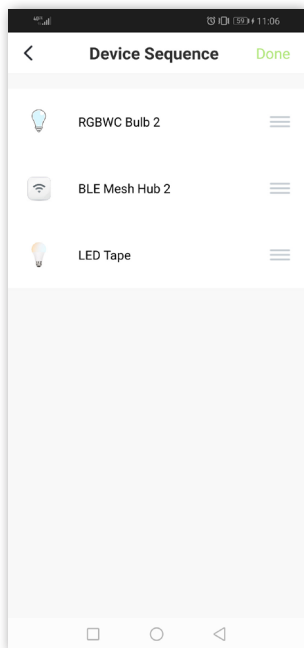


Fig. 3c

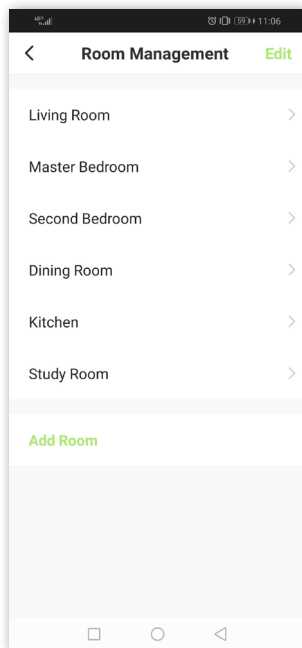


Fig. 3d

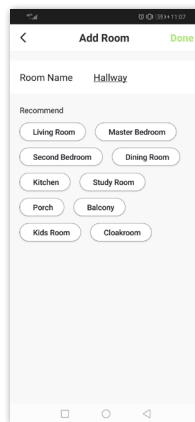


Fig. 3e

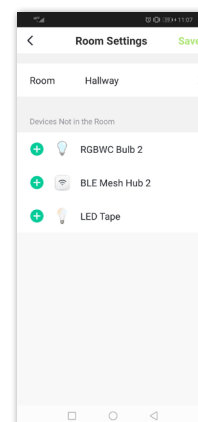


Fig. 3f

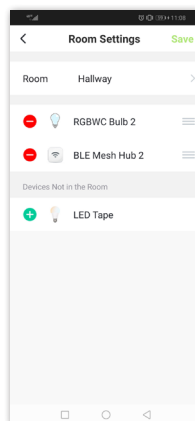


Fig. 3g

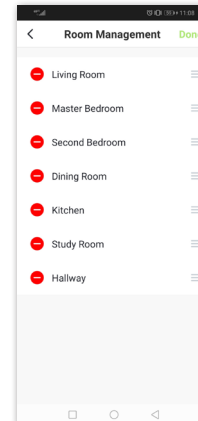


Fig. 3h



#### 4. Control, Rename & Group Lighting Sources

To control your devices, in the main menu, simply select your device of choice to be directed to the following page. (4a)

There will be two sliders available which give users the ability to control both brightness and color temperature. To access the settings of the lighting source, click the button on the top right corner of this page. (4b)

The ability to rename, share, and create groups will all be found on this page. To create a group, select “create group” and proceed to select all devices that you wish to include in this group. Finally, give the group a name and assign the group of lights a location by selecting “group position.” (4c-4e)

Note: Only devices using the same protocol can be grouped together. For example, CCT tunable devices cannot be grouped with single CCT devices.

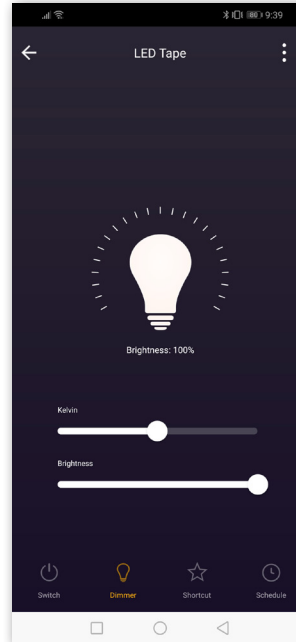


Fig. 4a

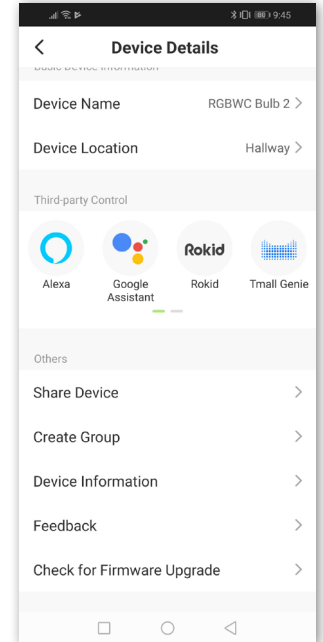


Fig. 4b

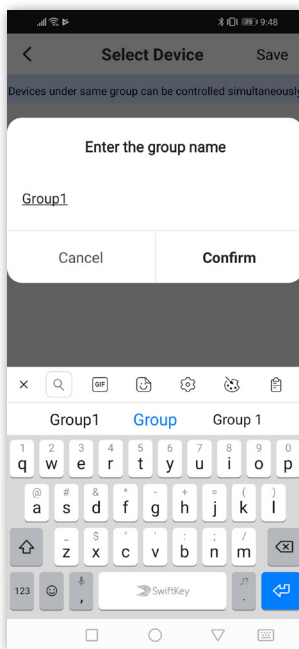


Fig. 4c

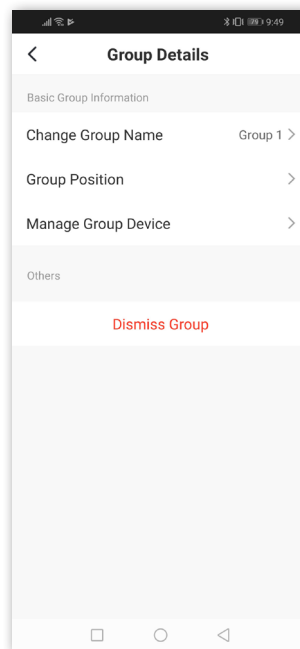


Fig. 4d

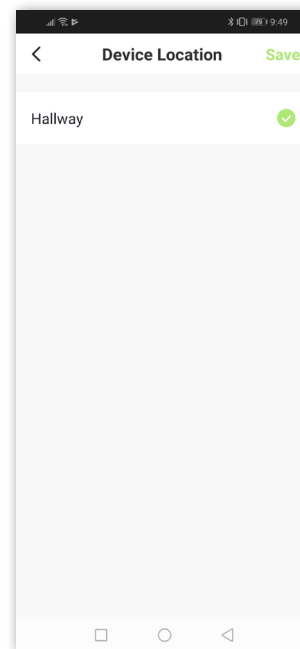


Fig. 4e



## 5. Device Sharing

With the ability to share devices, users are able to easily invite and give access to new members that wish to control smart devices in the configured family.

There are two ways to invite / share a family of devices. The first way is to select a device, go to its settings, then click “share device.” The second way would be to go to “family management” under the “Me” tab. Then select the family and click “add member.” Both of these methods will yield the same result. (5a)

Enter the person who you wish to invite to your family using their registered phone number or email address. The invited person will receive a notification alert of the invitation. Lastly, they will need to switch to the new family and accept the invitation. They will then have access to all the available devices just as you would!

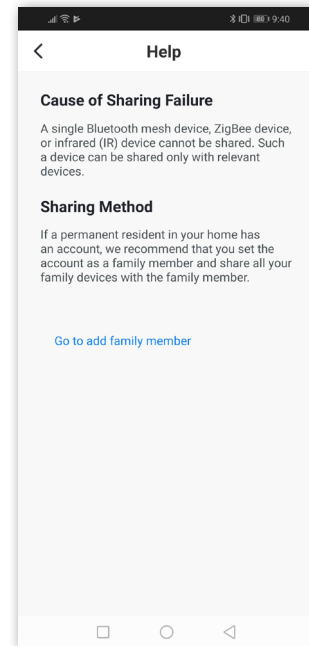


Fig. 5a

## 6. Scenarios

Scenarios are action items that make it possible for users to personalize what their lights do. Scenarios are saved as a shortcut for users to quickly access a pre-programmed light behavior and they go hand-in-hand with automations, which is covered in the next section.

In the main menu, select “smart” and choose “scenario” then select “add scenario” to create a new scenario. (6a)

Choose from a list of actions on the following page. (6b-6c)

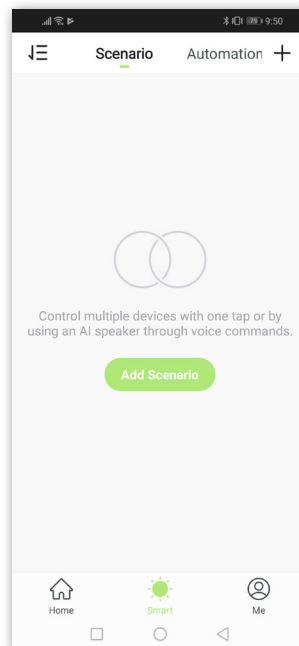


Fig. 6a

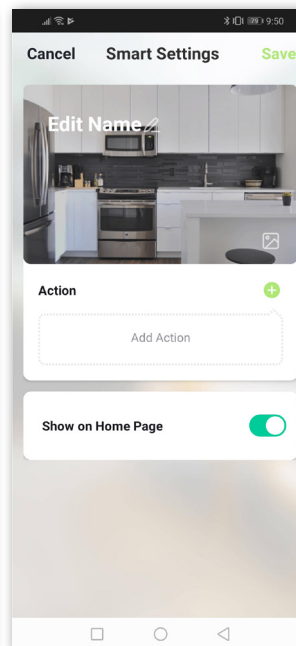


Fig. 6b

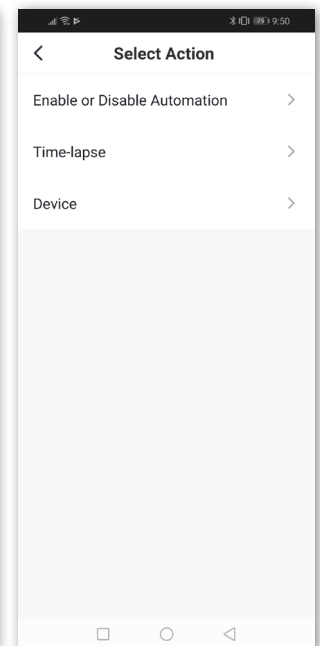


Fig. 6c



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### 6. Scenarios (continued)

We will select a device to create a scenario for in this example. (6d)

Next, there will be a list of options available for said device. We will select to control brightness and give it a value. (6e)

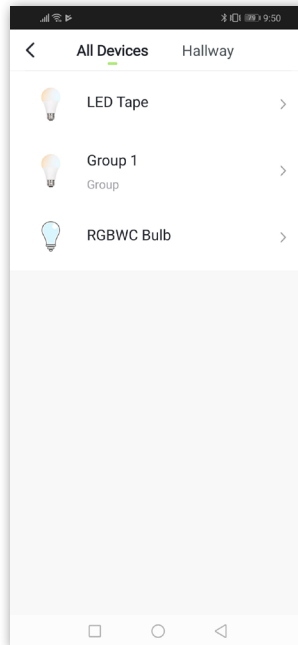


Fig. 6d

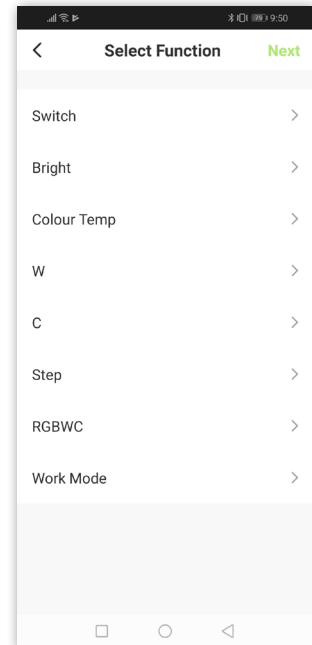


Fig. 6e

Lastly, save the scenario and we will choose to display it on the home page for easy access to the action.

On the home page, we can see that the scenario displayed at the top. With a tap on this button, the selected brightness level is achieved, acting as a shortcut. (6f)

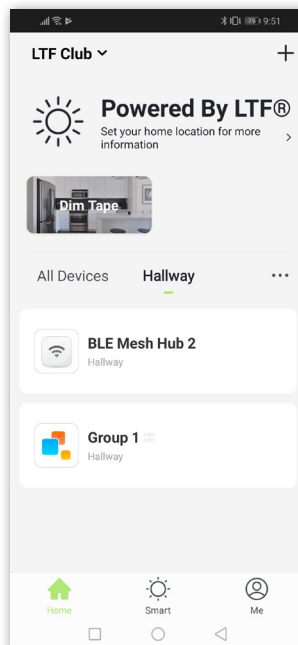


Fig. 6f

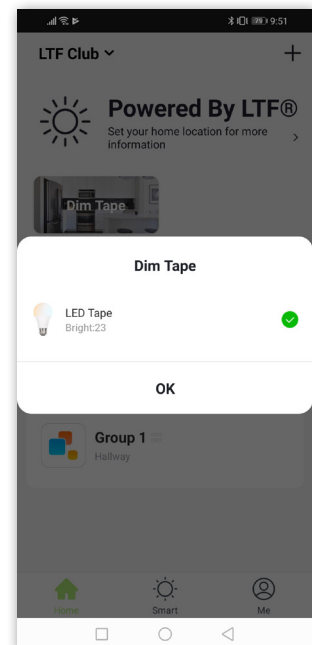


Fig. 6g





### 7. Schedule & Automation

Create a schedule for any device by first selecting it. On the bottom right-hand corner, select “schedule” and confirm your desired settings. (7a-7b)

After setting up your time, the next page will display a list of options available to create a schedule for.

For this example, we will select to execute the scenario which was created earlier (7c-7d).

Now, at 9:52 AM every morning, the light will dim to 32% brightness (7e).

With the help of automations, scenarios and scheduling, lighting fixtures can be programmed to function completely autonomously, giving the user the power to customize their lights’ behaviors in every way imaginable.

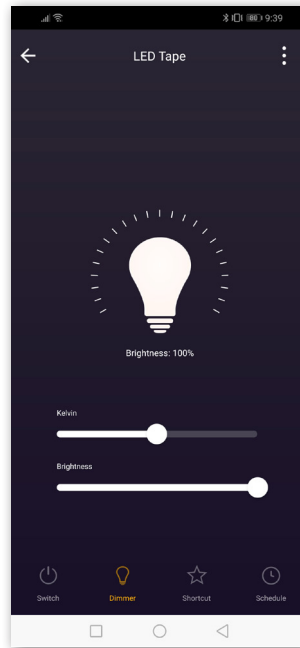


Fig. 7a

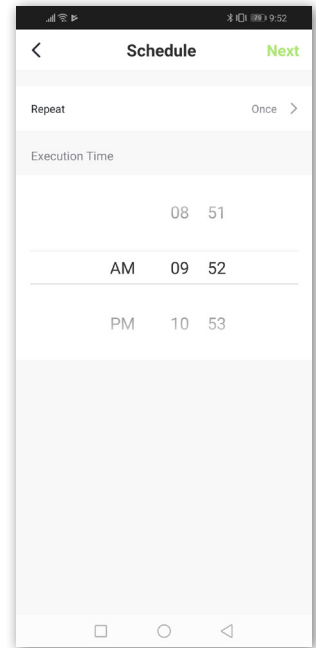


Fig. 7b

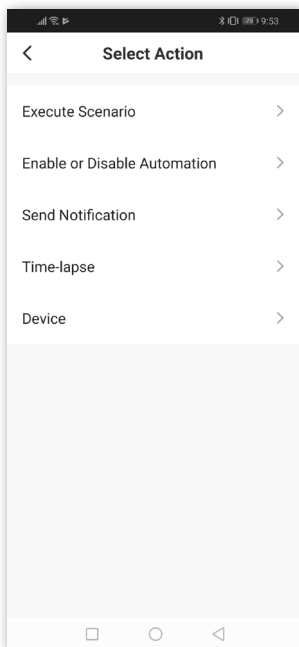


Fig. 7c

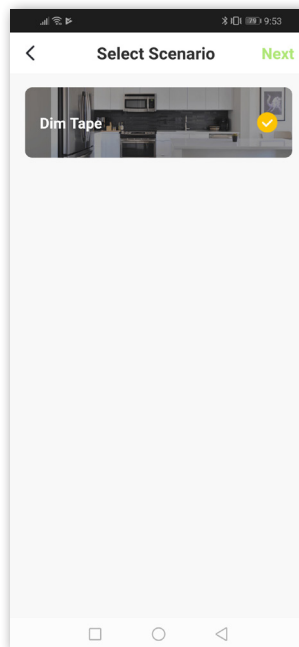


Fig. 7d

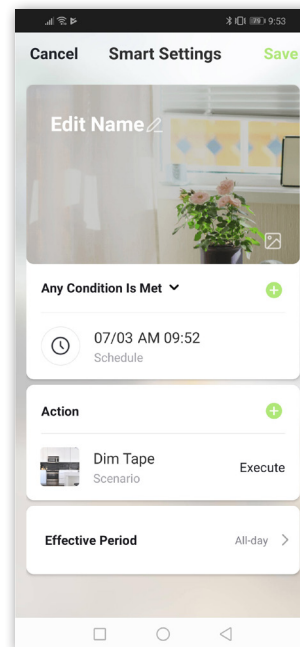


Fig. 7e



## 8. Connect Lite Stream to Bluetooth Gateway

Before being able to successfully pair Google voice to Lite Stream to control Bluetooth connected devices, we must first configure a Bluetooth gateway to give our modules network connectivity.

From the Lite Stream home screen, select the “+” in the top right corner (fig 8a) to add a device and select “other” then choose “Gateway (Bluetooth)” (fig 8b)

Follow the simple on-screen steps provided to pair your Bluetooth gateway.

After the pairing process has been completed, there will be a new Bluetooth device in the main screen of the app (please refresh the page if you do not see it).

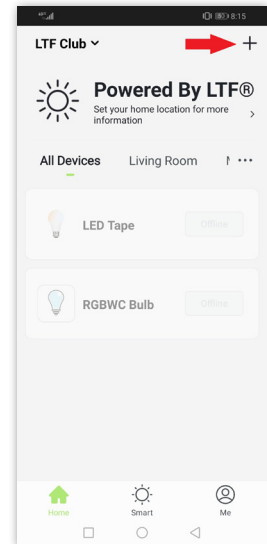


Fig. 8a

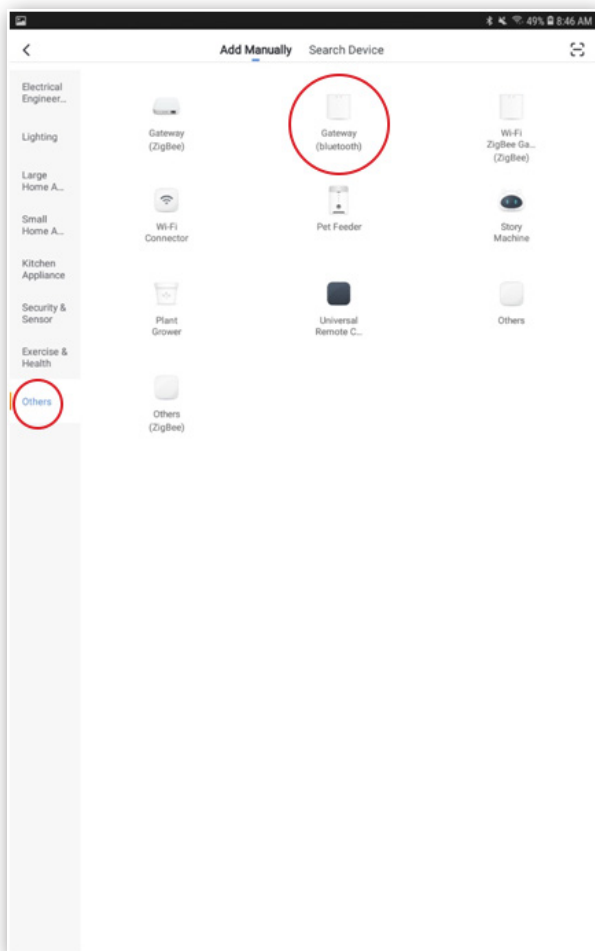


Fig. 8b



Fig. 8c





## 9. Connect Lite Stream to Amazon Alexa

Open the Amazon Alexa app in your mobile device (fig. 9a).

Open the list of options on the left-hand side then select “Skills & Games” (fig. 9b).

On the following screen, click to “Discover More Skills” and proceed to entering “Lite Stream” in the search box (fig 9c).

Click on the Lite Stream skill and enable it. You will be directed to Lite Stream’s login page where you will need to log in and authorize the app (fig. 9d - 9g).

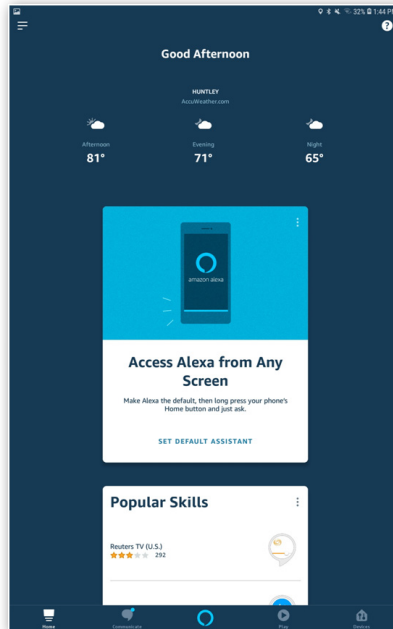


Fig. 9a

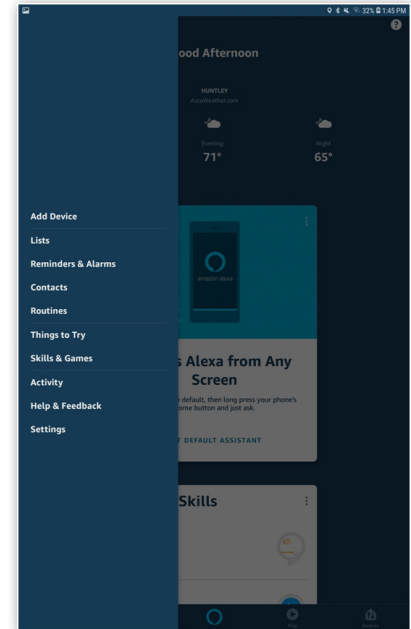


Fig. 9b

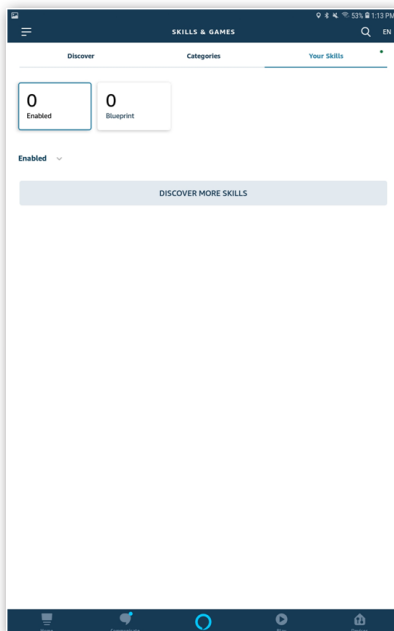


Fig. 9c

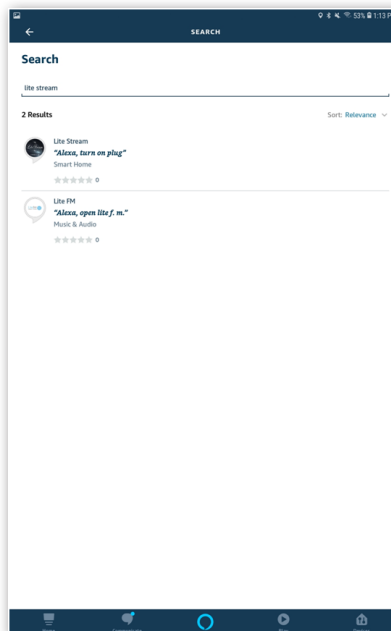


Fig. 9d

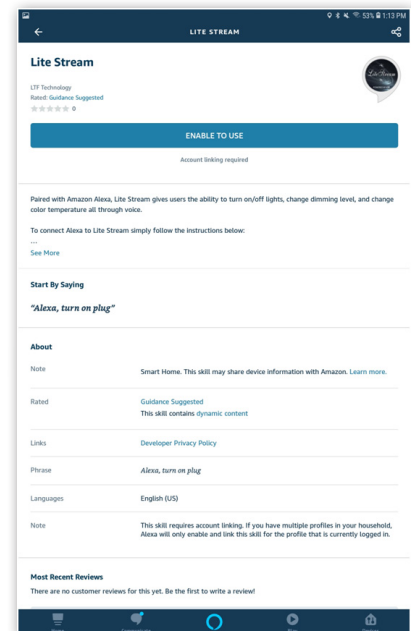


Fig. 9e



### 9. Connect Lite Stream to Amazon Alexa (continued)

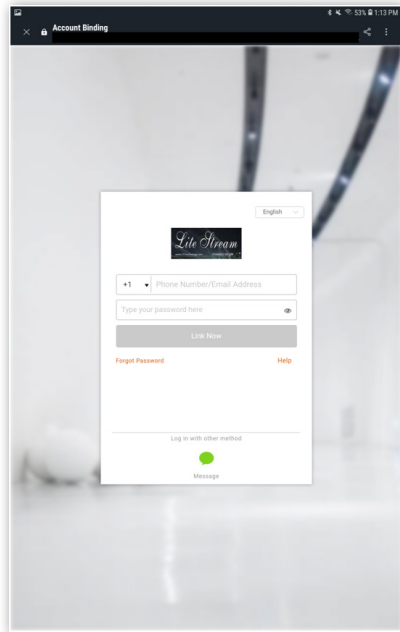


Fig. 9f

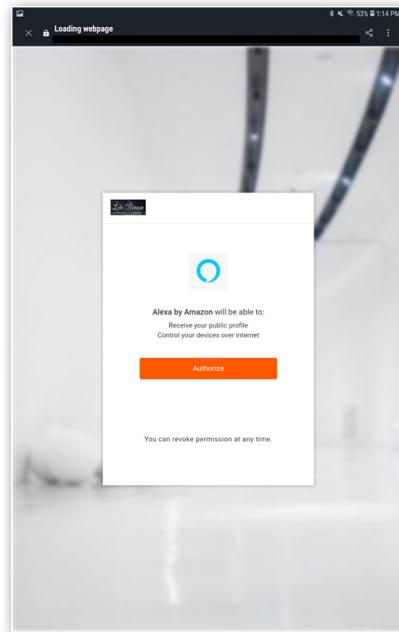


Fig. 9g

After successfully authorizing Amazon's skill, you will be able to see your paired devices in the Amazon Alexa app. You can now use voice commands to control your lights! (fig. 9h)

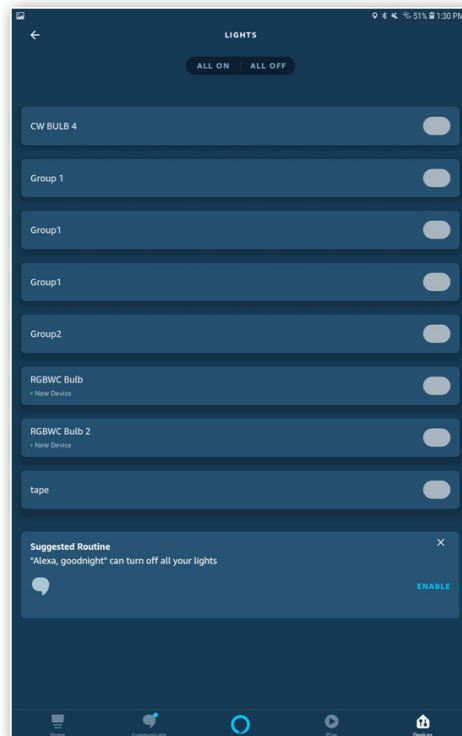


Fig. 9h



## 9. Connect Lite Stream to Amazon Alexa (continued)

**What to do if lighting devices are not automatically detected by Alexa after pairing in Lite Stream:**

In the Amazon Alexa app, select to add a device. In the following screen, choose to add a lighting device (fig. 9i).

Select “Other” for brand (fig. 9j).

Then click on “discover devices.” This will allow Alexa to discover any newly paired devices in Lite Stream and sync them with Alexa (fig. 9k).

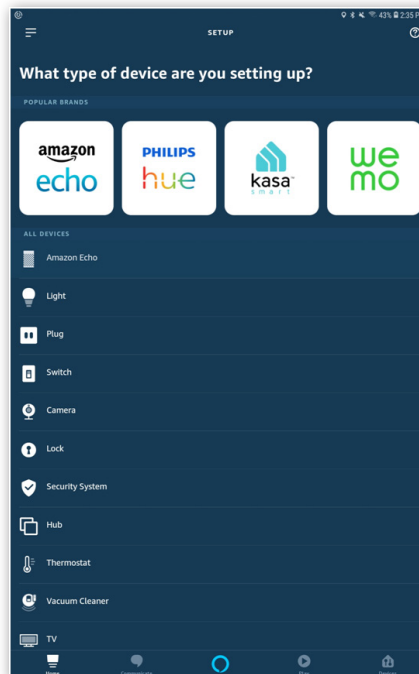


Fig. 9i



Fig. 9j

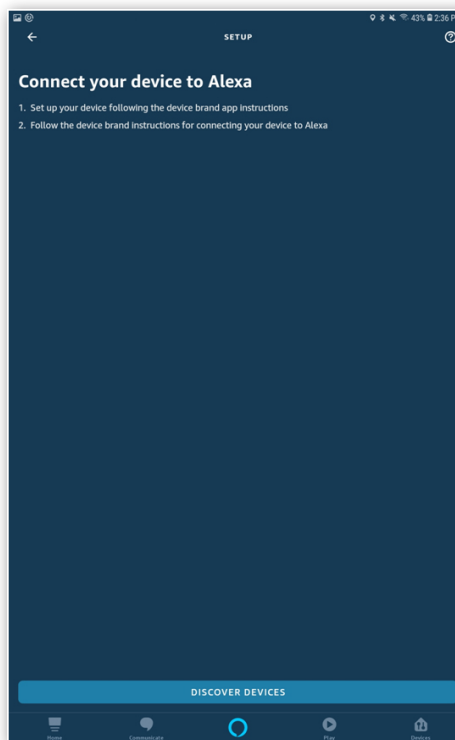


Fig. 9k



## 9. Connect Lite Stream to Amazon Alexa (continued)

**What to do if lighting devices are not automatically detected by Alexa after pairing in Lite Stream (continued):**

If there are devices available, they will be shown and you may now continue to set up in the Alexa app (fig 9L - 9N).

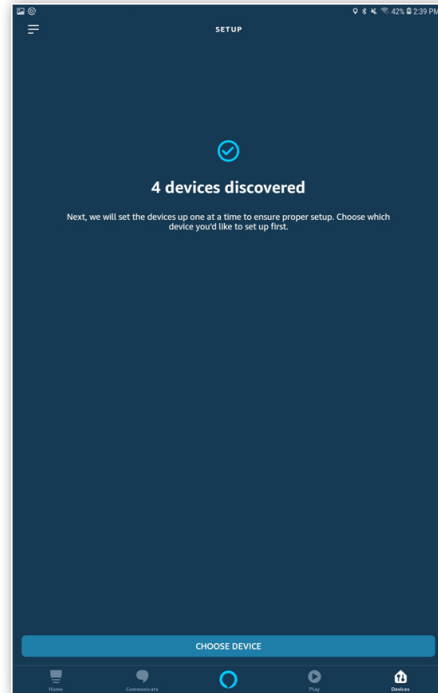


Fig. 9L

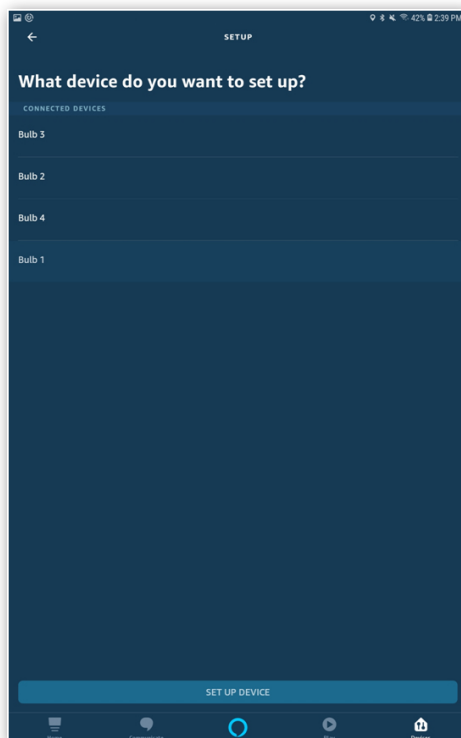


Fig. 9m

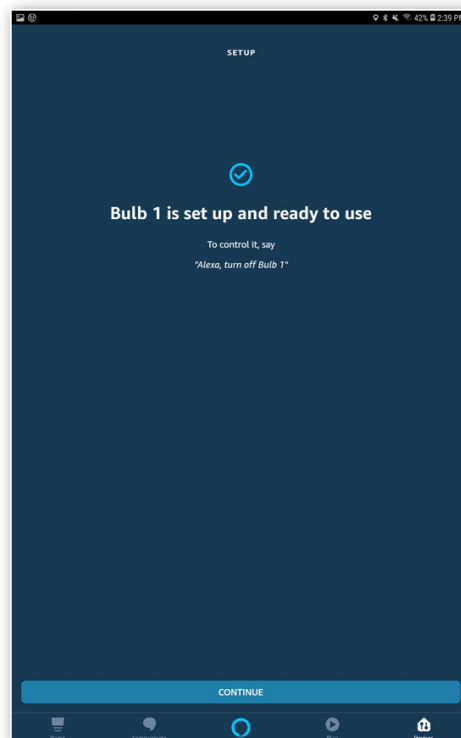


Fig. 9n



## 10. Connect Lite Stream to Google Home

Open the Google Home app, navigate to the “Account” page and select “settings.”

Note: This guide assumes that your Google Home has already been setup and a “home” has already been created for members to access.

From here, select “Home Control” and then use the bottom right button to add a new service.

Search “Lite Stream” and proceed to link your smart app account to the Google Home app.

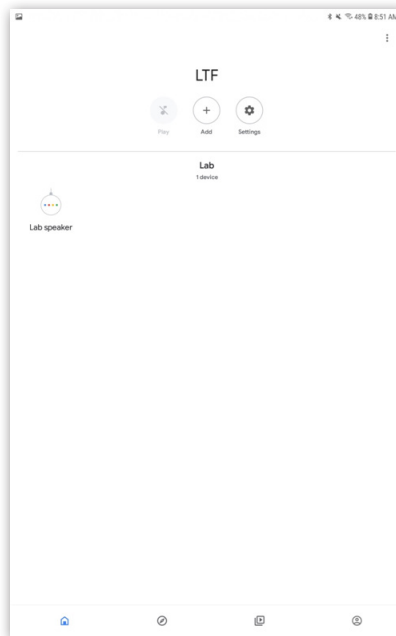


Fig. 10a

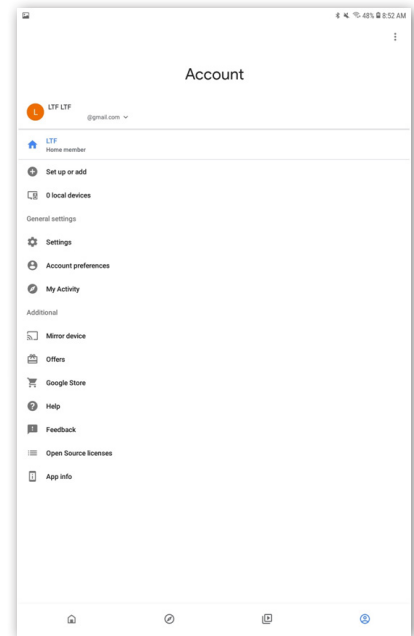


Fig. 10b

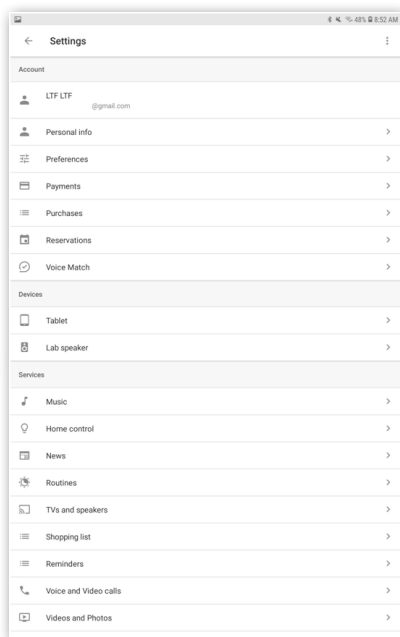


Fig. 10c



Fig. 10d

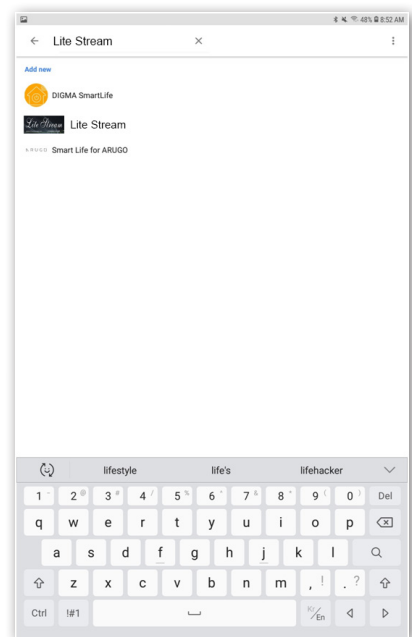


Fig. 10e



## 10. Connect Lite Stream to Google Home (Continued)

Once you have successfully logged in, you will have the option to assign rooms to all connected light sources.

Lastly, simply tell your google home to “sync all devices” to fully establish the connection between Lite Stream and Google Home.

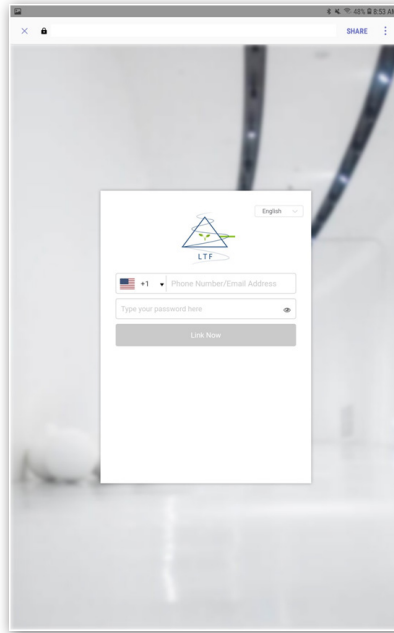


Fig. 10f

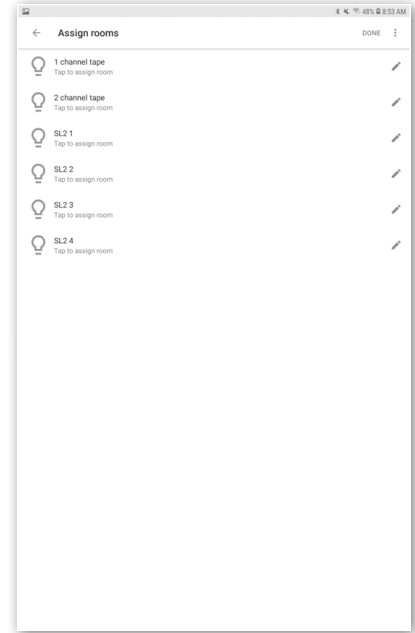


Fig. 10g