



Google Home Configuration Manual

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Update History

The form below contains the information of every update. The latest version contains all the updates of all former versions.

No.	Version	Update Information	Date
1	V1.0.0	Initial release	Feb. 21, 2019

1 Introduction

This manual offers the instruction on the configuration process of Google Home smart speaker and HDL Cloud Management System.

The hardware mentioned in this manual includes:

Google Home smart speaker

The software mentioned in this manual includes:

Google Home mobile phone application

Notice: Wireless network is essential in this configuration process.

2 HDL Cloud Management System

2.1 Register/Login

1. Open browser on PC and enter the following website to enter HDL Cloud Management System, as shown in Figure 2-1.

<https://developer.hdlcontrol.com/>

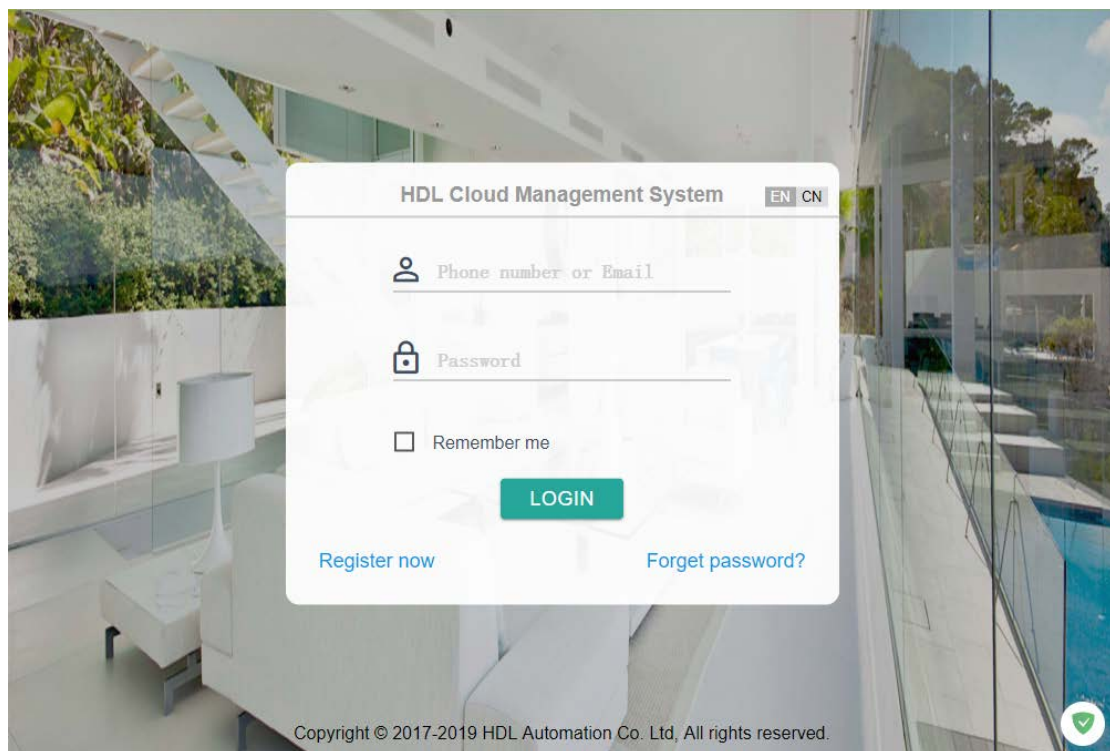


Figure 2-1 HDL account registration and login

2. (If you already have an HDL cloud account, please skip this step) Click “Register now” to register HDL cloud service account following the instructions.
3. Enter the account name and password and click “Login” to enter HDL Cloud Management System, the main page of which is shown in Figure 2-2.

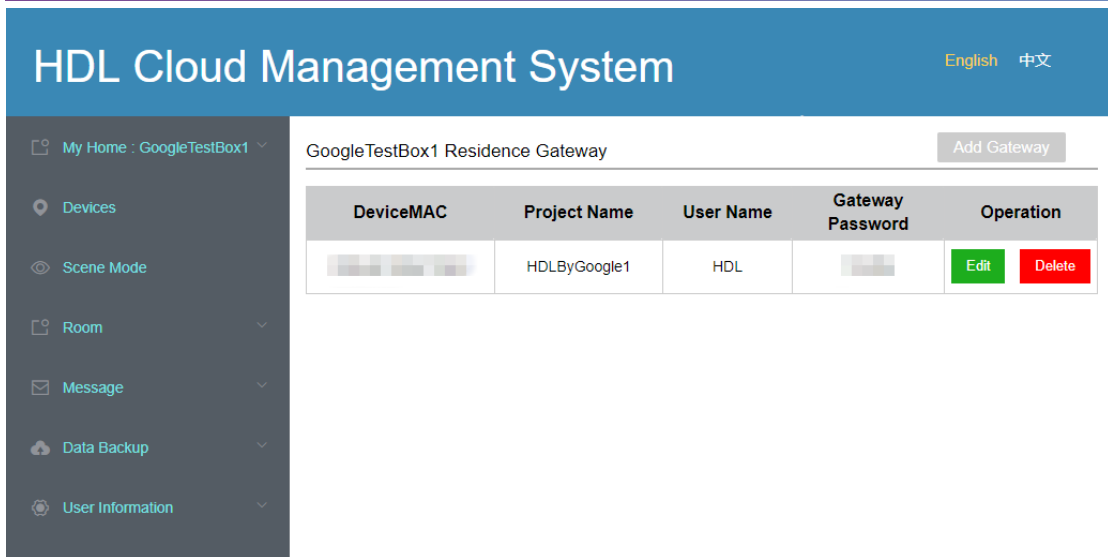


Figure 2-2 Main page

2.2 Add House/Gateway

1. Click “My home” → “Add House”, enter the house name and press “Enter” to confirm.
2. Select the new house, and click “Add Gateway” on the top right side of the page. Then enter “Device MAC”, “Project Name”, “User Name” and “Gateway Password”, and click “Save”, as shown in Figure 2-3.

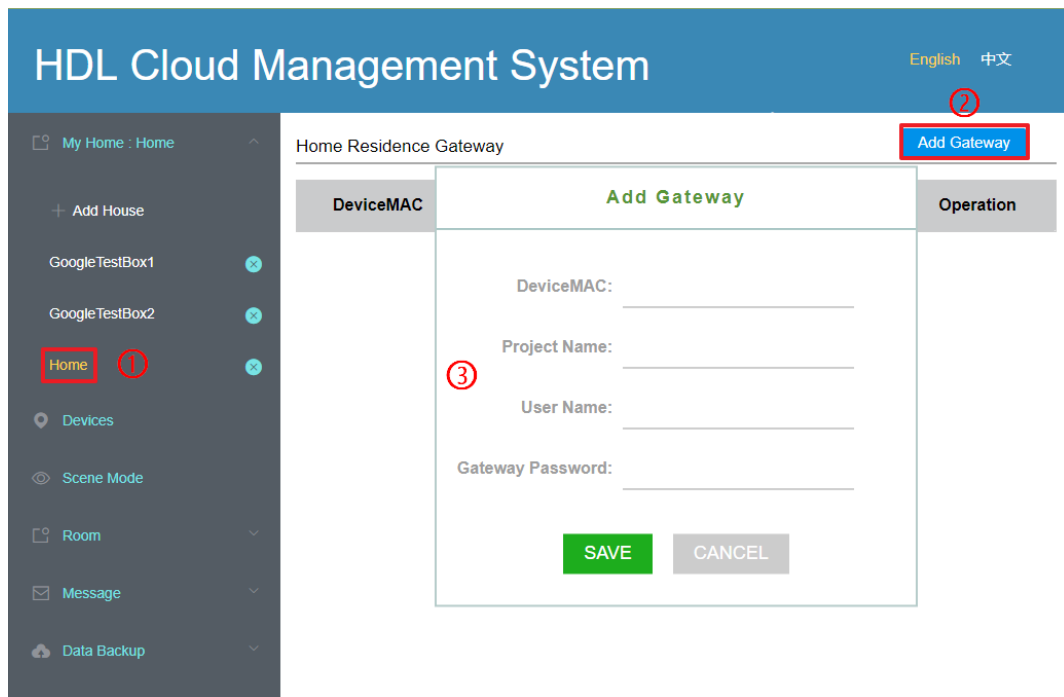


Figure 2-3 Add House/Gateway

Notice:

1. One house can be bound with only one Gateway MAC, and one Gateway MAC can only be bound with one user.
2. Make sure the remote function of the bound gateway is turned on.
3. The information of the gateway can be found in HDL Buspro Setup Tool. MAC address is 16 characters in common, the “.” between the characters is not essential.

The configuration result is shown in Figure 2-4.

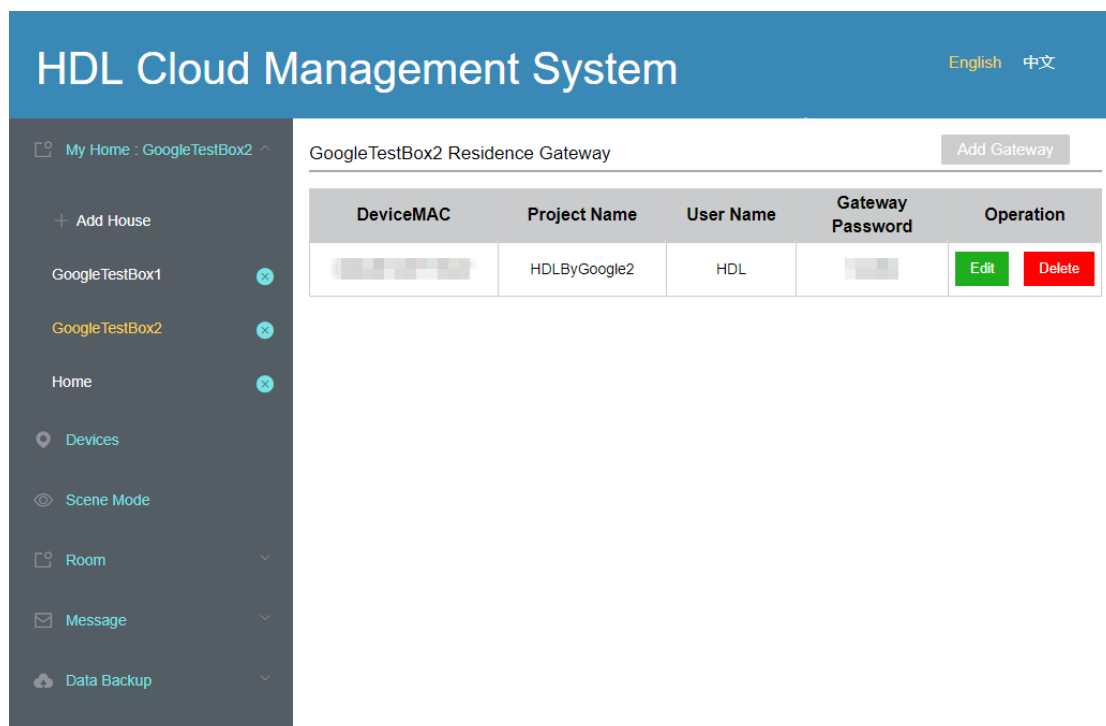


Figure 2-4 Configuration of house and gateway

2.3 Device Management

User can add device to the house after the configuration of house and gateway.

1. Click “Devices” on the left, and click “Add Device”, as shown in Figure 2-5.

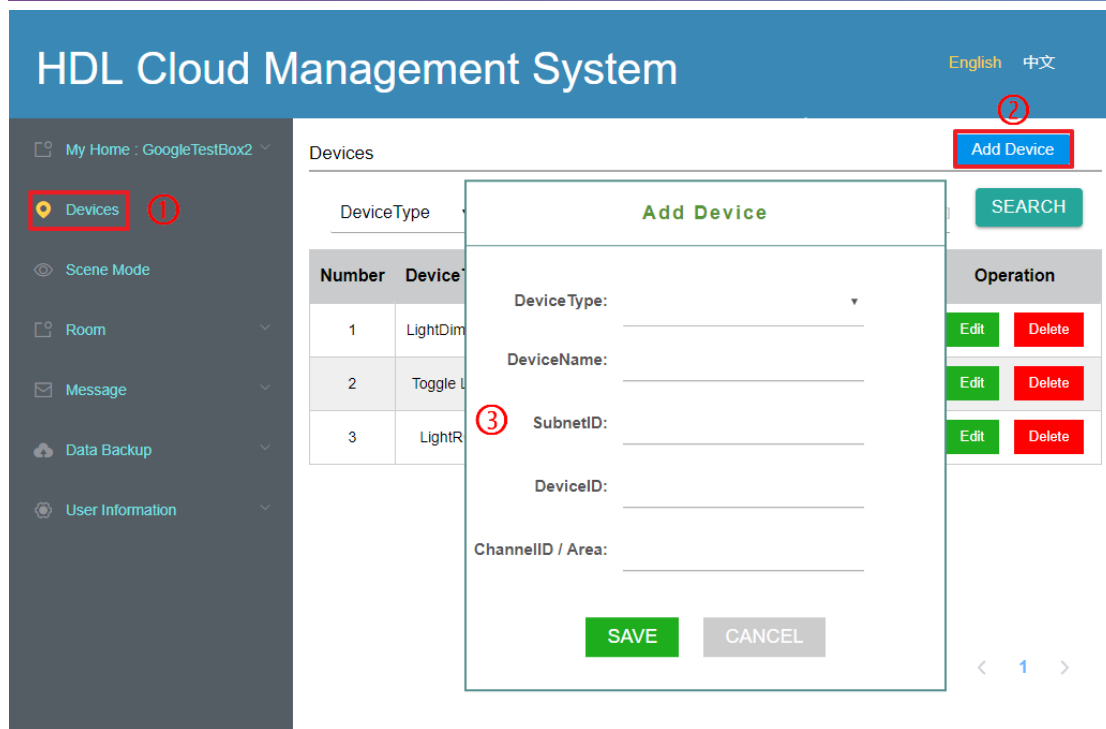


Figure 2-5 Device management

2. Select or enter the following information:

- Device type: Select the type of the device.
- Device name: Enter the device name. Device name is used by Google Home to control devices, so please set the name without confusing pronunciation.
- Subnet ID/Device ID/Channel ID/Area: Please enter the data in accordance with that in HDL Buspro Setup Tool.

Click “Save” after editing.

Notice:

1. Air conditioners are controlled via panel for now. If user want to control AC via IR emitter, please set a panel to control AC in Buspro Setup Tool, and the Subnet ID, Device ID and Channel ID can be set in accordance with the parameters of panels.

2. When adding logic modules, device type should select “UV Switch”.

2.4 Scene Management

1. Click “Scene Mode” → “Add New Scene”, enter the scene name and save, as shown in Figure 2-6.

Notice: Scene name is used by Google Home to control the devices, so the words like “open”, “close” may not be included in the name.

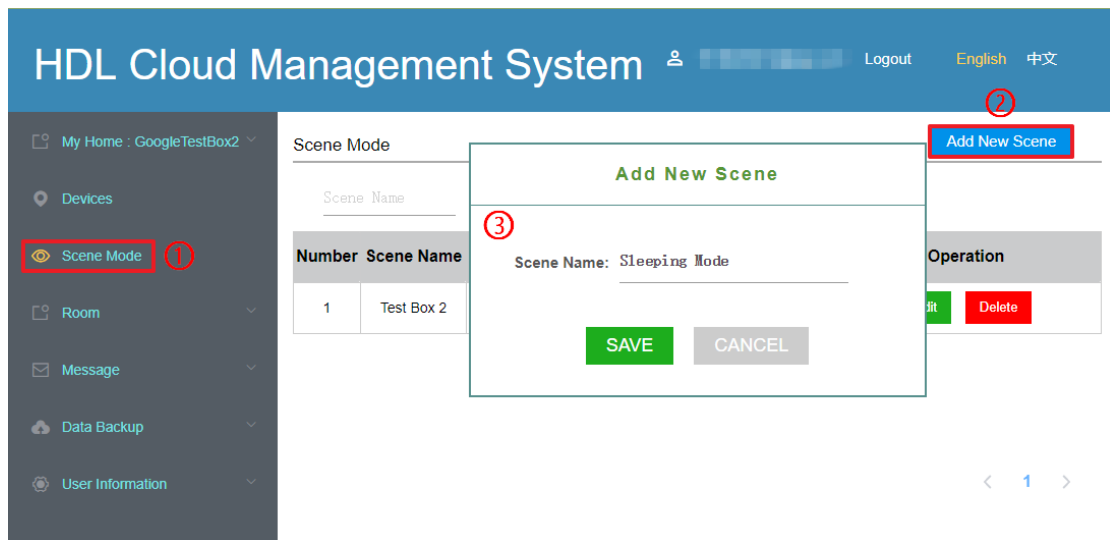


Figure 2-6 Add new scene

2. After creating new scene, click “View associated devices” to open device management page, as shown in Figure 2-7.

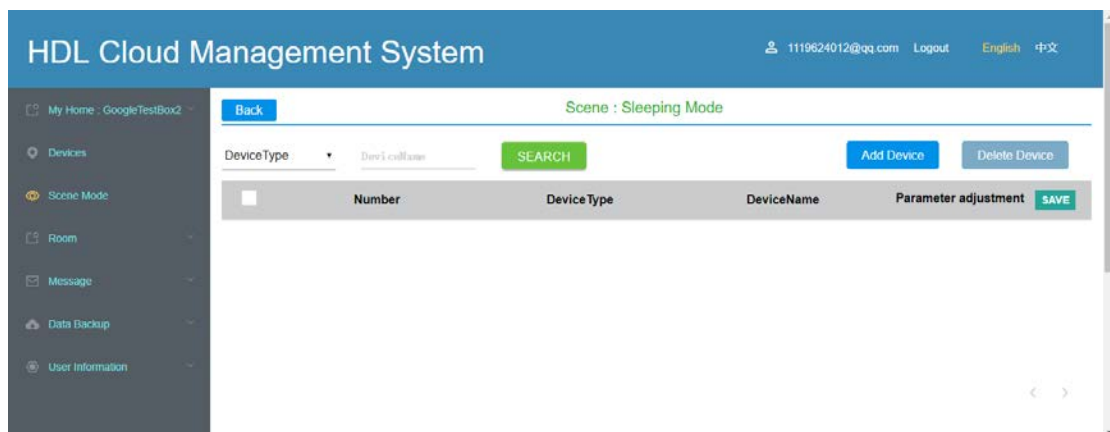


Figure 2-7 Device management

3. In this page, click “Add Device”, and select the devices from device list to be added in the scene, and edit the parameters in accordance with the requirements, then click “Confirm”, as shown in Figure 2-8.

HDL Cloud Management System 1119624012@qq.com Logout English 中文

My Home : GoogleTestBox2 Back Add Device

Devices DeviceType DeviceName SEARCH Confirm

<input type="checkbox"/>	Number	Device Type	DeviceName	ControlType	Parameter adjustment	
<input checked="" type="checkbox"/>	1	LightDimming	Dim LIGHT	Single channel control	Switch	50 <input type="range" value="50"/>
<input checked="" type="checkbox"/>	2	Toggle Light	SWITCH LIGHT	Single channel control	Switch	OFF <input type="checkbox"/> ON
<input type="checkbox"/>	3	LightRGB	RGB LAMP	RGB light adjustment	Color : #000000 <input type="color"/>	Switch : 50 <input type="range" value="50"/>

< 1 >

Figure 2-8 Add device to the scene

3 Bind HDL Account with Google Home

If user want to control devices bound with HDL account via Google Home, Google account should be bound with HDL account, the process of which is done on Google Home mobile phone application.

3.1 Get-start

1. Connect Google Home smart speaker with the power.
2. Download Google Home mobile phone application in Google Play or App Store, as shown in Figure 3-1.
3. Register a Google account (Skip this step if you already own a Google account).
4. Log in to Google Home with your Google account.
5. Follow the instructions on Google Home mobile phone application to connect the speaker with the WiFi.

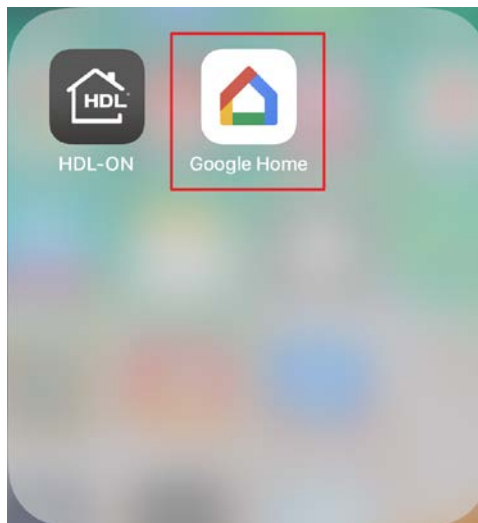


Figure 3-1 Google Home mobile phone application

3.2 Bind Account

1. Open Google Home mobile phone application, and select “Add” → “Set up device” → “Have something already set up?”, as shown in Figure 3-2.

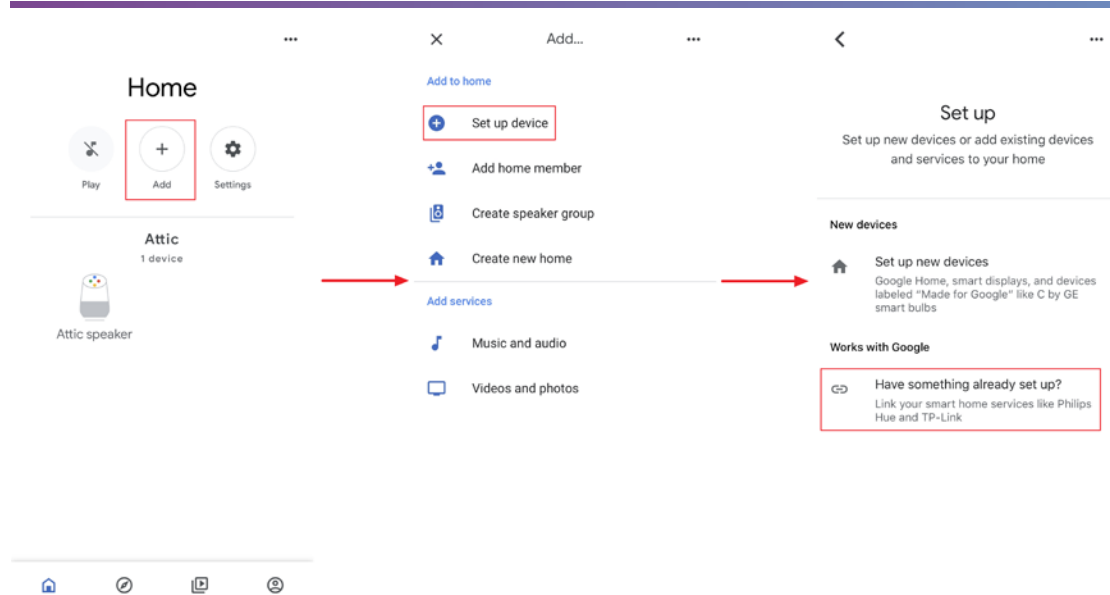


Figure 3-2 Bind HDL account (1)

2. Enter “HDL” in search bar and select “HDL Smart Home”, as shown in Figure 3-3.

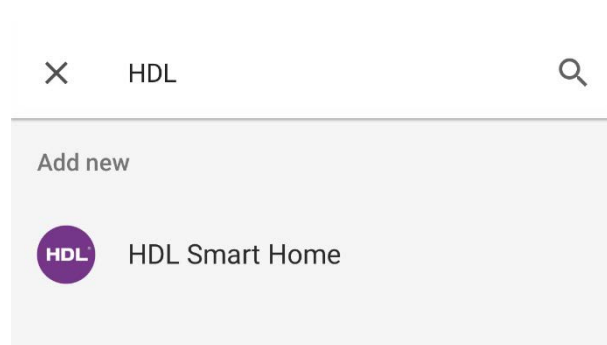


Figure 3-3 Bind HDL account (2)

3. Enter HDL account and password to log in, then click “Authorize” button after login, as shown in Figure 3-4.

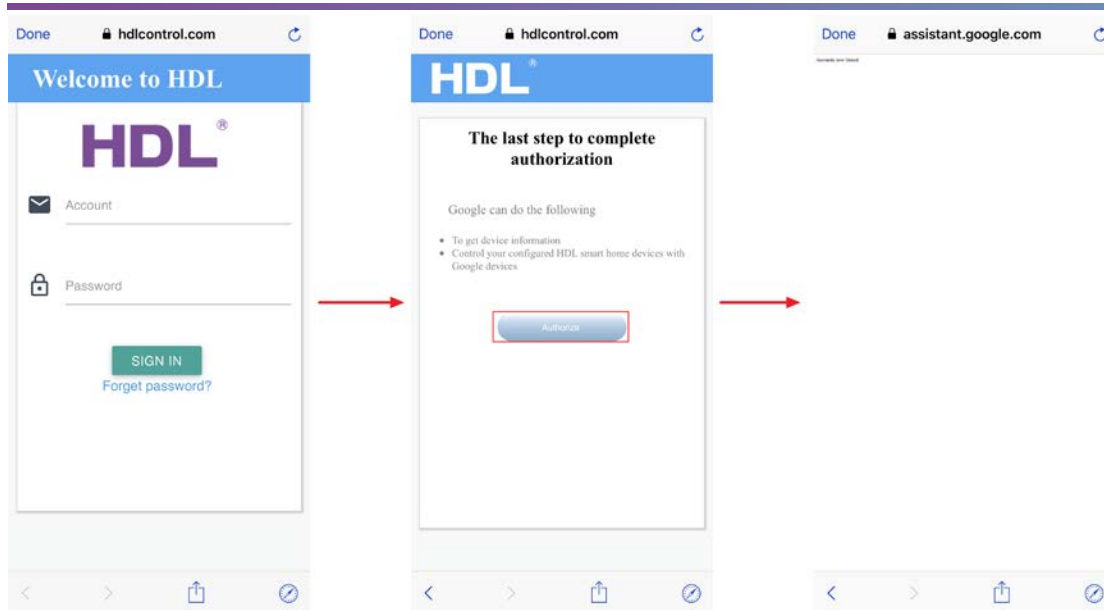


Figure 3-4 Bind HDL account (3)

- The devices bound with the HDL account are shown in the page followed up. Select the devices to be added and click “Next”. User can add the device(s) to the house/room, as shown in Figure 3-5.

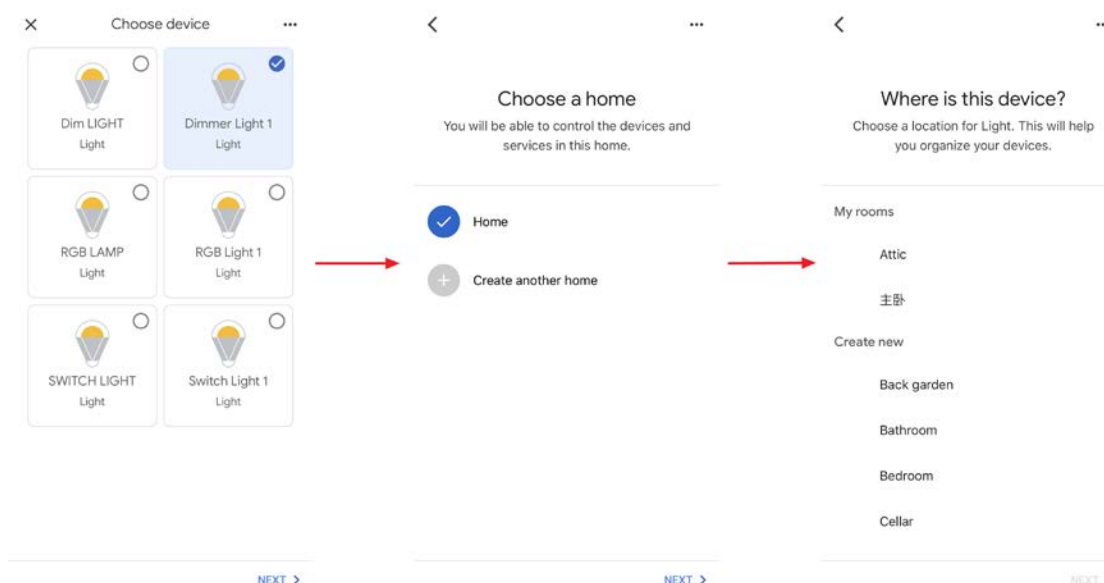


Figure 3-5 Bind HDL account (4)

Notice: In Step 4, if user add the device to the house but not to the room, the selected devices can only be shown in the house, but not shown in any room. As shown in Figure 3-6, the devices marked with ① are added to the room, while those marked with ② are not added to any room.

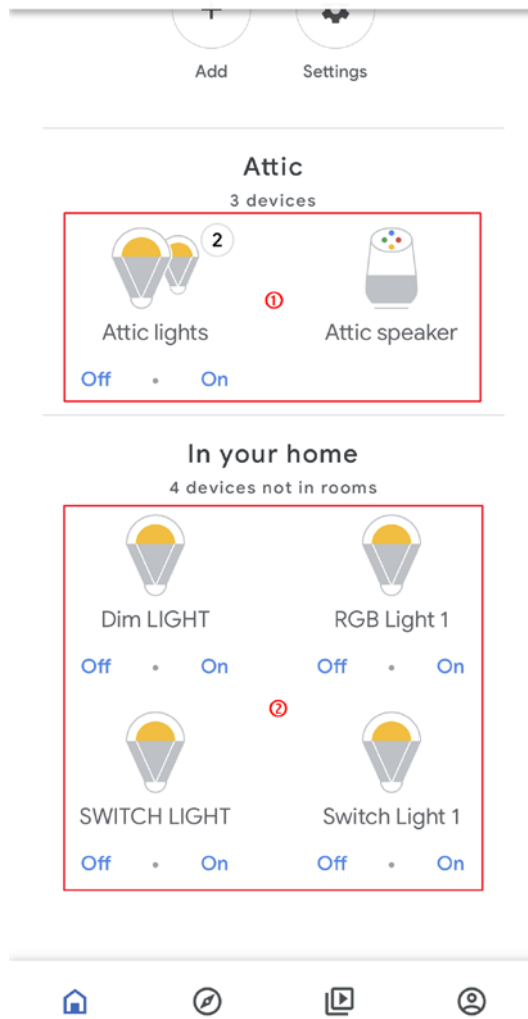


Figure 3-6 Device location