

Google Home Configuration Manual

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HDL Automation Co., Ltd.

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/

N.					
C. S. M. S. S.	HDL Cloud M	anagement System	EN CN		Testa.
	Phone num	per or Email			
	Password		A		- The second
	Remember n	le LOGIN		VA	
	Register now	Forget pas	sword?		
	Copyright © 2017-2019 HDL A	utomation Co. Ltd, All right	ts reserved.	1	

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.



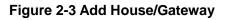
HDL Cloud M	English 中文				
C My Home : GoogleTestBox1 V	GoogleTestBox1 Resid	ence Gateway			Add Gateway
Devices	DeviceMAC	Project Name	User Name	Gateway Password	Operation
Scene Mode		HDLByGoogle1	HDL	1000	Edit Delete
C° Room Ý					
Message 🗸 🗸					
🚯 Data Backup 👋					
Oser Information					

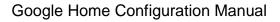


2.2 Add House/Gateway

- 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.

HDL Cloud Management System										
C My Home : Home		Home Residence	Gateway	Add Gateway						
+ Add House		DeviceMAC	Add Gateway	Operation						
GoogleTestBox1	8		DeviceMAC:							
GoogleTestBox2	8									
Home 1	8		Project Name:	-						
Devices			User Name:							
Scene Mode			Gateway Password:							
C° Room			SAVE CANCEL							
Message										
🚯 Data Backup										







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.

HDL Cloud Management System											
☐ My Home : GoogleTes	tBox2 ^	GoogleTestBox2 Reside	ence Gateway			Add Gateway					
+ Add House		DeviceMAC	Project Name	User Name	Gateway Password	Operation					
GoogleTestBox1	8	0.000	HDLByGoogle2	HDL		Edit Delete					
GoogleTestBox2	8										
Home	8										
Devices											
Scene Mode											
🗋 Room	~										
Message	~										
🚯 Data Backup	~										

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.



HDL Cloud Management System											
My Home : GoogleTest		Devices			2 Add Device						
• Devices 1		Device	Туре	Add Device	SEARCH						
Scene Mode		Number	Device ⁻	DeviceType:	Operation						
		1	LightDim		Edit Delete						
Message		2	Toggle L	DeviceName:	Edit Delete						
🔥 Data Backup		3	LightR	3 SubnetID:	Edit Delete						
User Information				DeviceID:							
				ChannellD / Area:							
				SAVE CANCEL	< 1 >						

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

 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.

HDL Cloud Management System ^a Logout English #x											
☐ My Home : GoogleTestBox2 ∨	Scene Mode		Add New Scene								
Devices	Scene Name	Add New Scene									
Scene Mode (1)	Number Scene Name	3	Operation								
	Number Scene Name	Scene Name: Sleeping Mode	operation								
	1 Test Box 2		Jit Delete								
🖂 Message 🗸 🗸		SAVE CANCEL									
🔥 Data Backup 👋											
Oser Information			< 1 >								

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.

lanagen	匙 1119624012g	Qqq.com Logout English 中文		
Back		Scene : Sleeping) Mode	
DeviceType	Devi collane	SEARCH		Add Device Device
	Number	Device Type	DeviceName	Parameter adjustment SAVE
				< >
	Back	Back DeviceType: Devi collans	DeviceType • Devi collane SEARCH	Back Scene : Sleeping Mode DeviceType Devi culture SEARCH

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										
	-	Back			Add D	evice				
		DeviceType • DeviceName			SEARCH			Confirm		
		Numbe	r DeviceType	DeviceName	ControlType	Ρ	arameter adjustment			
	-	1	LightDimming	Dim LIGHT	Single channel control	Switch	_50	•		
	~	2	Toggle Light	SWITCH LIGHT	Single channel control	Switch	OFF	ON		
		3	LightRGB	RGB LAMP	RGB light adjustment	Color : <u>#000000</u>	Switch : 50	•		
User Information								< 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

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



	× Add		<					
Home	Add to home							
× + \$	 Set up device 		Set up Set up new devices or add existing device					
Play Add Settings	+2 Add home member			and services to your home				
Attic	Create speaker group		New	devices				
Attic 1 device	Create new home		A	Set up new devices Google Home, smart displays, and devices				
	Add services		labeled "Made for Google" like C by GE smart bulbs					
Attic speaker	J Music and audio		Works with Google					
	Videos and photos		œ	Have something already set up? Link your smart home services like Philips Hue and TP-Link				
<u>a</u> Ø 🗉 g								

Figure 3-2 Bind HDL account (1)

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

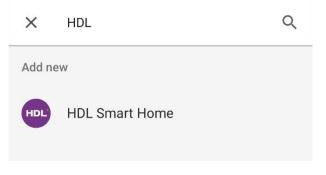


Figure 3-3 Bind HDL account (2)

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



Done	hdlcontrol.com	C	Done	🛱 hdlcontr	ol.com	C		Done	assistant.go	ogle.com	C
We	lcome to HDL		H	DĽ			-	anda yan Takat			
	HDL		1	The last step t authoriz		e					
	ccount		Goog	de can do the follow	wing						
ð P	assword	_	 Contr 	t device information rol your configured HDI le devices		ces with					
	SIGN IN Forget password?										
			_								
	> 🖞	0	<		Û	0		<		Ċ	0

Figure 3-4 Bind HDL account (3)

4. 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.

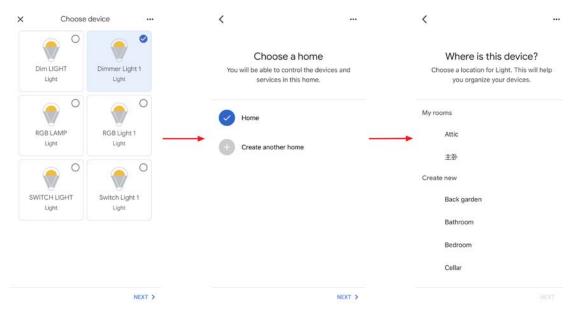


Figure 3-5 Bind HDL account (4)

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