ShadeAuto™ Hub & APP MANUAL

ShadeAuto™ Hub | Setup Instructions

The ShadeAuto™ Hub connects to a home network for the ease of motorized window treatments control. Experience the convenience of customization with scene, schedule as well as voice control via Google Assistant, Amazon Alexa and Apple HomeKit.

THE APP ALLOWS FOR:

1. Home (all rooms), individual room, groups of and/or individual window treatments control.
2. Control the window treatments remotely through Wi-Fi or Ethernet.
3. Scene control: Personalize window treatments control and save preferred positions for your window treatments to automatically adjust to for daily routines.
4. Schedule: Set different times for your window treatments to automatically adjust (lower and raise etc.) to designated scenes and positions.
5. Compatible with smart home platforms.
   - alexa Amazon Alexa
   - Google Home
   - Apple HomeKit
6. Third Party System Integration

GETTING STARTED:

In order to have the complete experience of the motorized window treatments control through the ShadeAuto™ app, you will need to have:

- Downloaded the free app via the App Store (iOS) or Google Play Store (Android).
- Purchased one or more ShadeAuto™ Hubs depending on the size of the area or rooms you would like to cover.
- Ensured your Wi-Fi or Ethernet is working and stable.
- Familiarized yourself with the app navigation guide below.
- Our step-by-step guide will let you understand the app more easily.

ShadeAuto™ Hub TECHNICAL SPECIFICATIONS

- Radio Frequency 2.4 GHz
- Wi-Fi Support both 2.4 & 5 GHz
- Support Ethernet
- Input Power: 5V DC / 1A
- For Indoor Use Only
- Radio Frequency Range: 30 meters or 98 feet (no shielding)
- Operation Temperature: 0°C - 45°C (32°F - 113°F)
- Storage Temperature: -10°C - 65°C (14°F - 149°F)
- Power Cable Length (USB Type C): 100 cm or 39.4"
- Protection Class: IP20



CAPABILITIES:

- Accounts per Hub: One main account and 9 sub-user accounts.
- Remotes per Hub: 20
- Motors per Hub: 100
- Scenes per Room: 32
- Schedules per Hub: 100

SETUP TIPS:

In real life, the signal transmission path is shielded by many factors like RF signals from other sources, home furnishings, and wall partition and etc irresistible factors. Therefore, some customer may need Repeaters to enhance signal transmission if necessary. Please refer to below setup tips for easy installation.

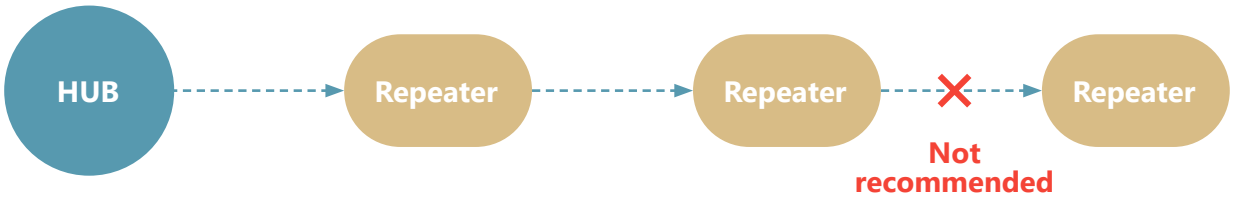
- The ShadeAuto™ Hub must be within signal range of both motorized window treatments and connected via Wi-Fi or Ethernet. Please set hub position at the no shielding center place in house.

★ Please note the distance between the devices (Hub, Repeater, or window treatments) should be in the visible range and less than 10 meters to ensure stable signal transmission.

★ If the signal needs to pass through different floors, it is recommended one Hub to be installed per floor/level.

★ It is recommended to have Repeaters in line-of-sight of the Hub and one per room to ensure good signal coverage.

★ The max repeater quantity is 5pcs for the same space, and it is not recommended to transfer signal more than 2 hierarchies.



★ For More Information of Repeater, please refer to section "REPEATER".

CATALOGUE

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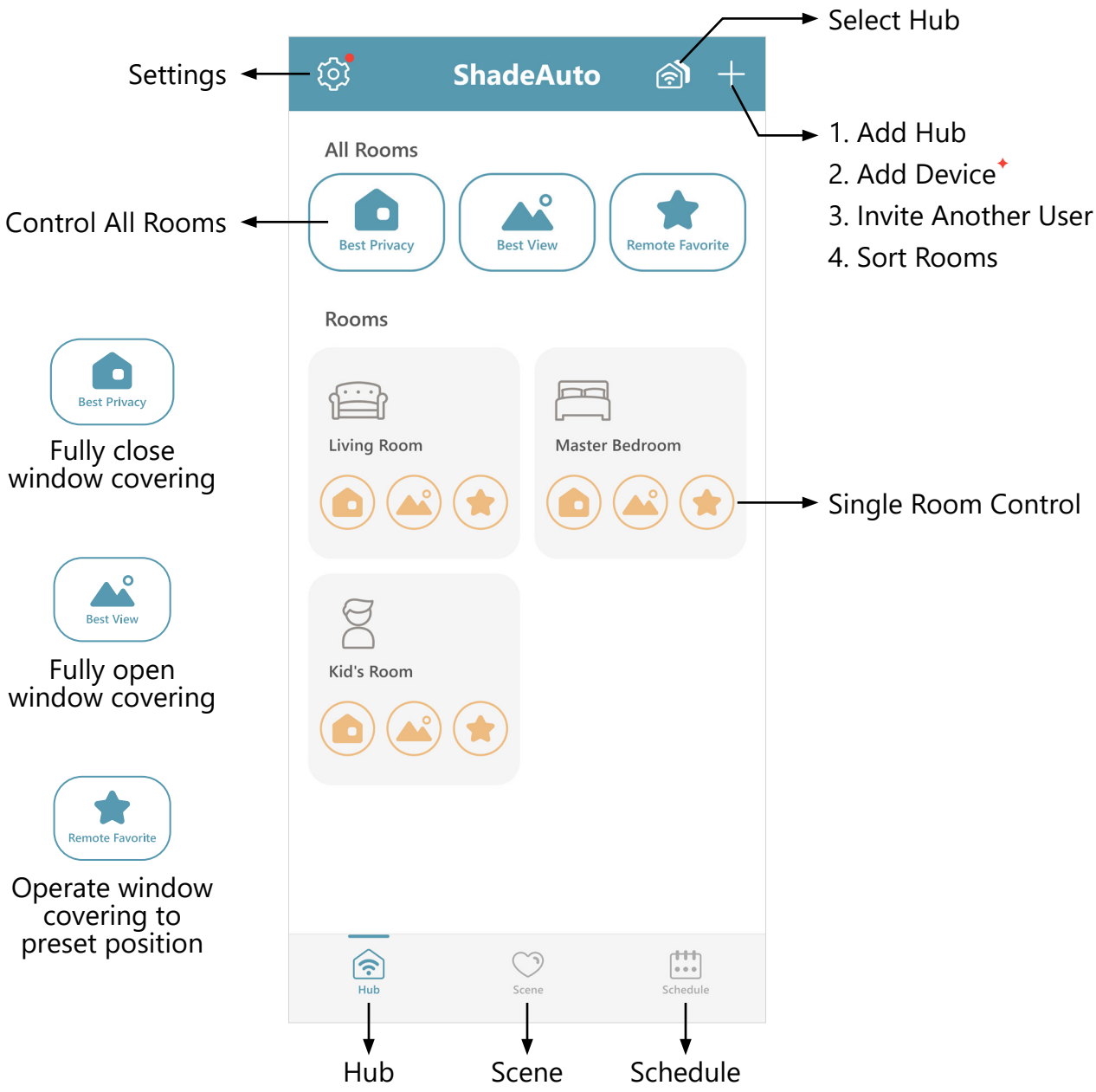
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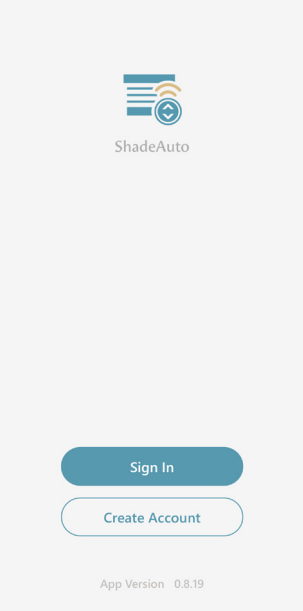
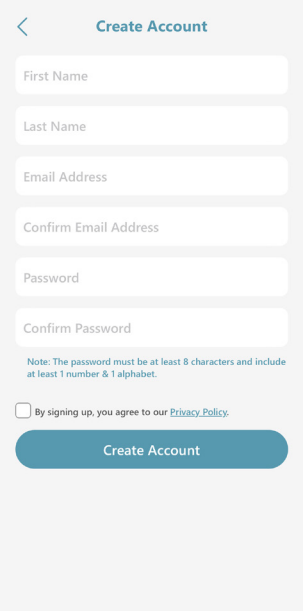
APP NAVIGATION Home Page

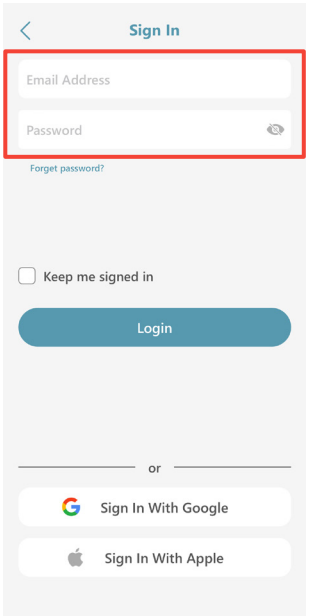
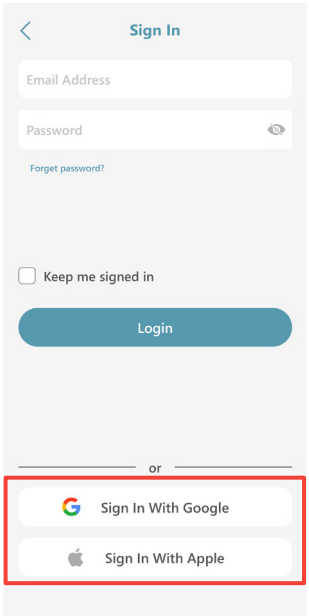
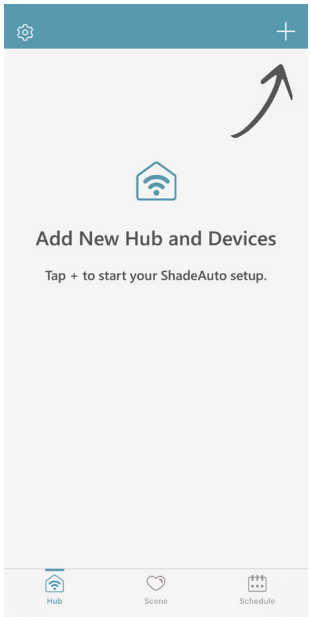


- Hub: Shows the main control screen with rooms.
- Scene: Shows a list of scenes created.
- Schedule: Shows a list of the set schedule.

✦ Devices mentioned in following passages refer to motorized window treatments, including shades and shutters.

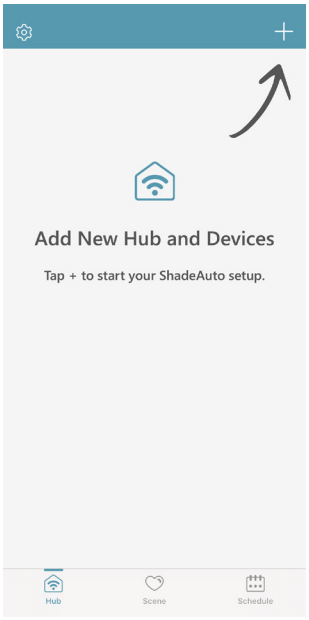
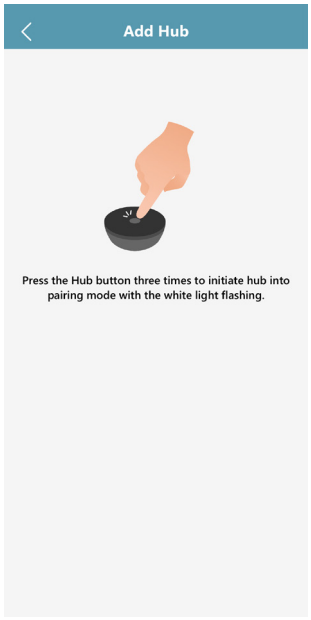
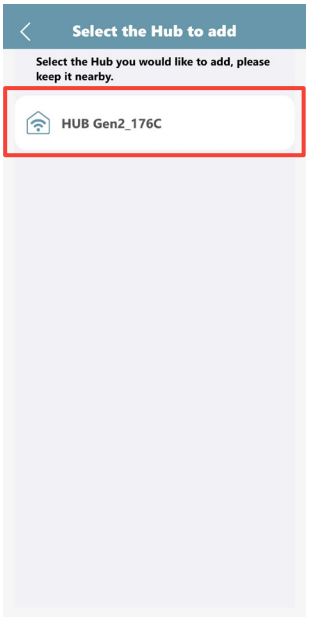
SETTING UP 1. Create Account

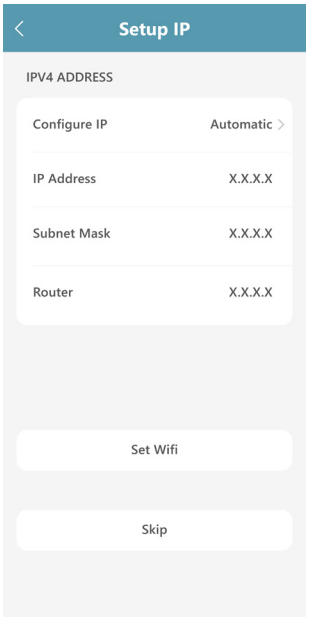
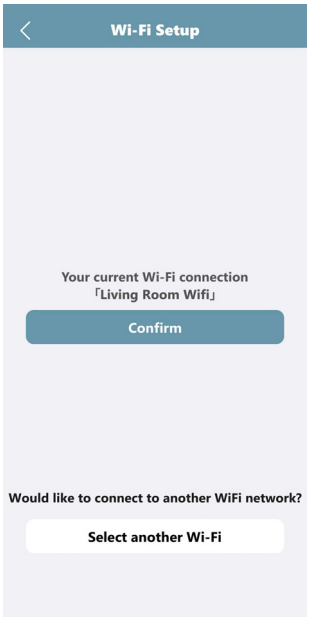
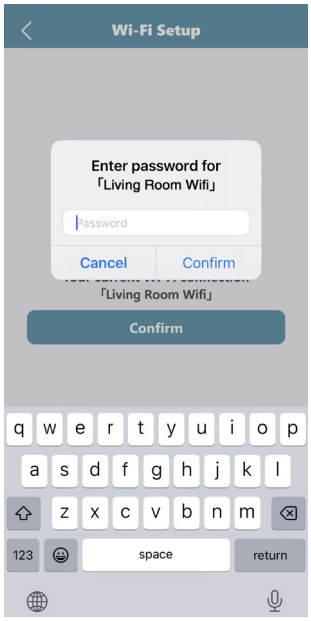
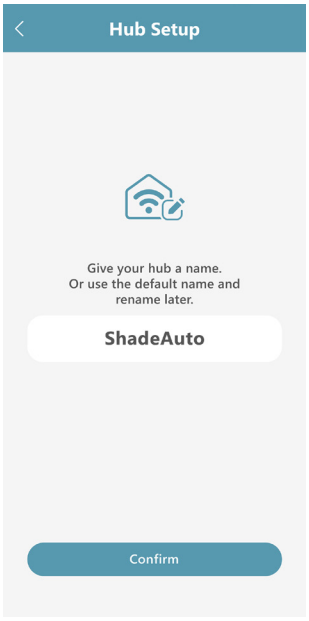
Step 1		Step 2	Step 3
GET IT ON Google Play	Download on the App Store		
Scan above QR code to download and install ShadeAuto™ App quickly.		Create a new account.	Creating an account will require an email address and password.

Step 4		Step 5
		
Enter the Email Address & Password to log into ShadeAuto™.	Or just log in with Google / Apple account.	Log in successfully. (First log in display)

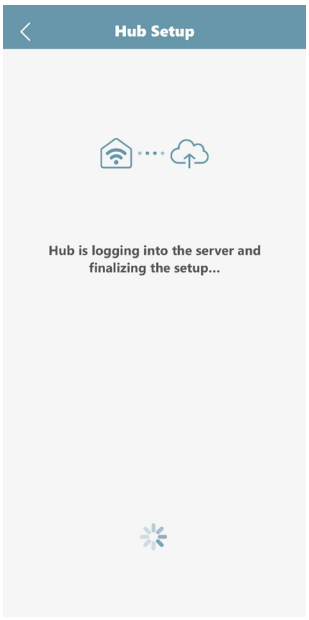
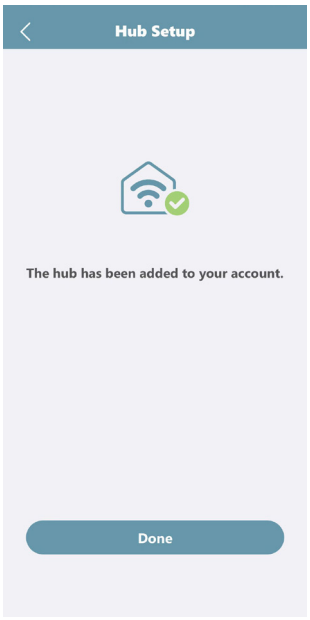
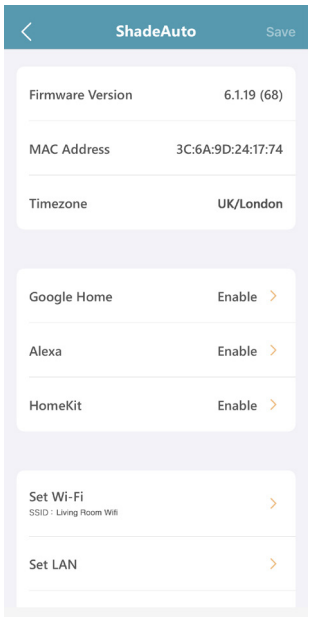
SETTING UP 2. Add Hub

Please always turn on Bluetooth and allow the app to visit your location.

Step 1	Step 2	Step 3	Step 4
			
Tap "Add Hub" or press "+" to add Hub.	Power on the Hub and wait for the indicator light turns to white, when indicator light turns white, press "Next".	Follow the direction: "Press the Hub button 3 times…".	Select the Hub to add.

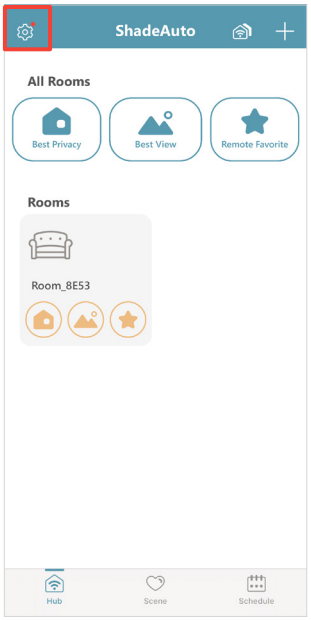
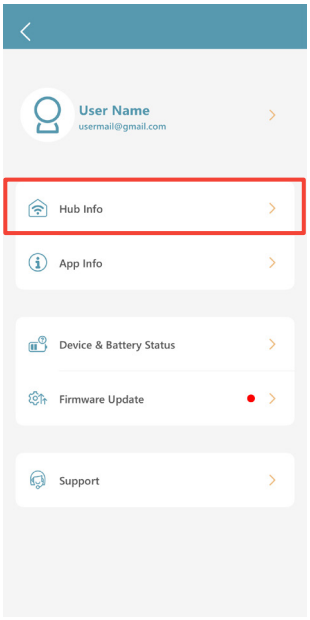
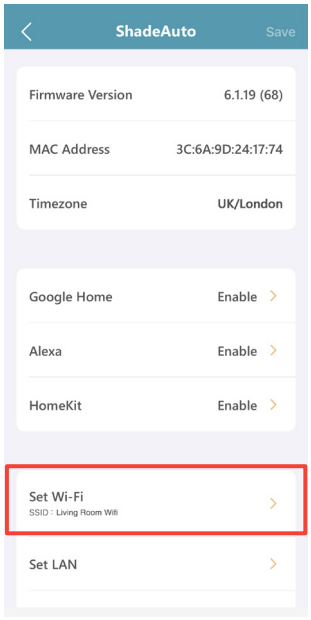
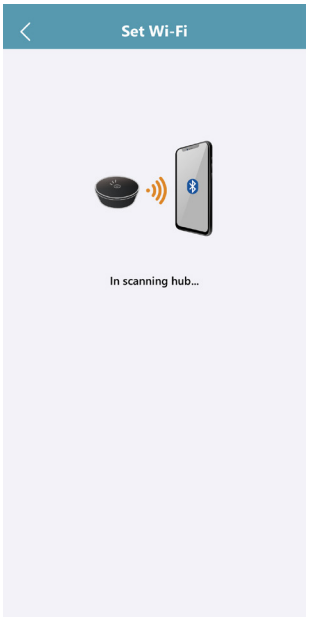
Step 5	Step 6		Step 7
			
Click "Skip" if the hub is connected by Ethernet. And process Step 7 directly. Click "Set WiFi" if the hub is connected by WiFi. And do WiFi setup on Step 6.	The Hub will default to connect to the Wi-Fi user's smart phone is connected to. Tapping "Select another Wi-Fi" to set up another Wi-Fi network if necessary.	Enter the Wi-Fi password.	Name the Hub, and tap "Confirm".

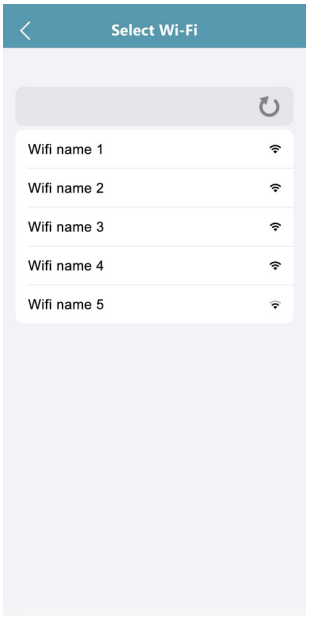
2. Add Hub

Step 8	Step 9	Step 10
		
Wait for the Hub to connect to the server.	Tap "Done".	Once the Hub is added successfully, "ShadeAuto™" will return to the main page.

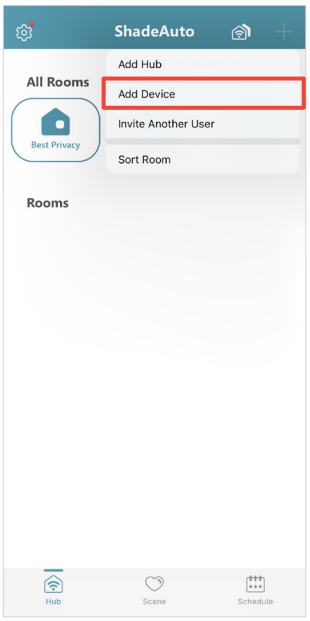
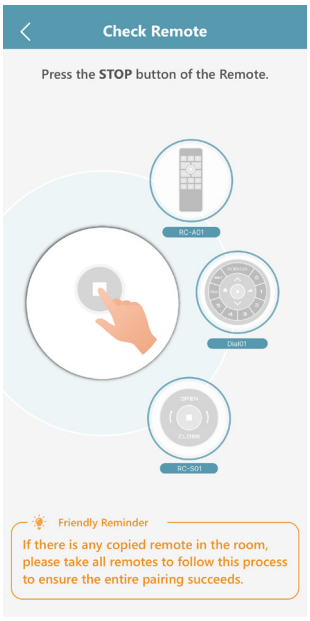
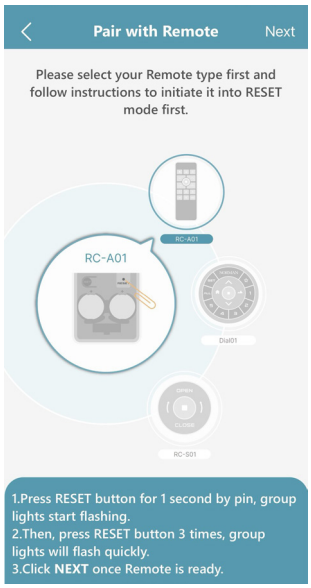
SETTING UP 3. How to change the Wi-Fi that Hub is connected to

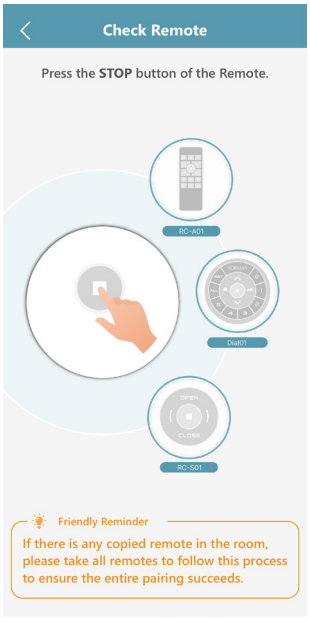
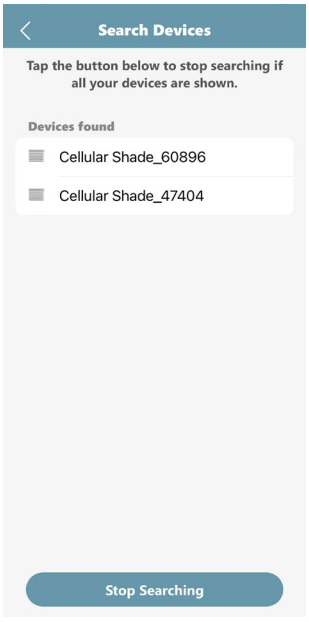
✦When Wi-Fi connection issue happened, please follow below steps to re-set Wi-Fi as well.

Step 1	Step 2	Step 3	Step 4
			
Go into setting icon.	Tap "Hub Info".	Tap "Set Wi-Fi".	Wait scanning Hub.

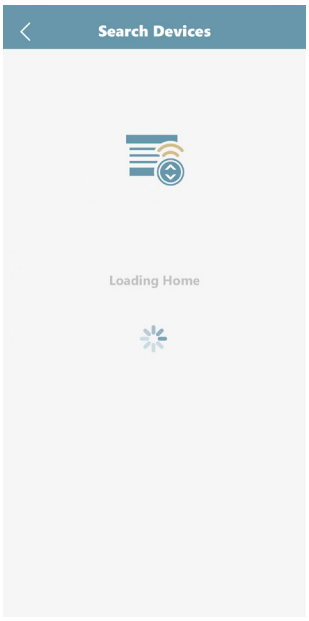
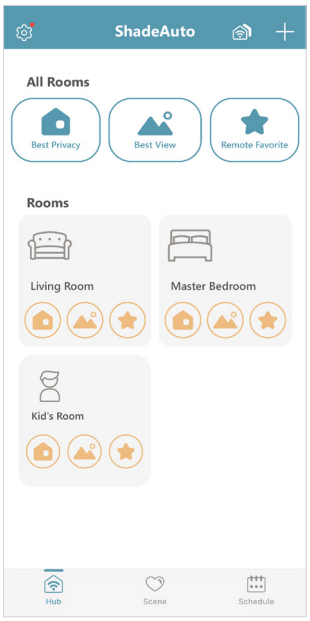
Step 5

Choose the Wi-Fi user would like to connect to.

SETTING UP 4. Add Device

Step 1	Step 2	Step 3	
			
		For 5 Channel Remote RC-A01	**For SmartDial™ DAIL01**
Tap "+" and choose "Add Device".	Press the "STOP" button on the remote which user is going to add to Hub.	1. Choose the remote model which user is going to add to Hub. 2. Follow the instruction on App.	

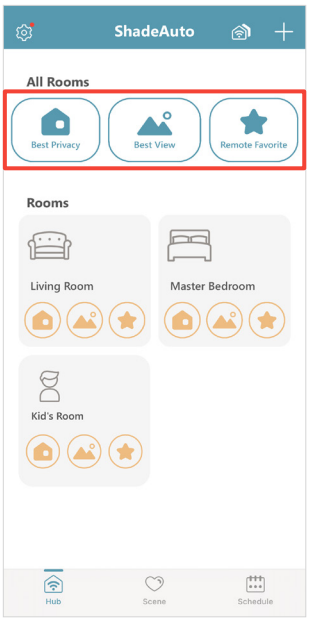
Step 4	Step 5	Step 6	Step 7
			
The light for channel "ALL" will light up immediately, and tapping "Done" for the next step.	Press the "STOP" button on the added remote.	Tap "Start Searching" to search for devices.	The devices which are paired to the remote will jog one time, and the app will start connecting with the devices. When all devices show on the screen, tap "Stop Searching" or the app will stop searching after 90 seconds.

4. Add Device

Step 8	Step 9
	
Wait for the data to load to the Hub.	Wait a little bit and the Rooms (devices) added will show on the main page.

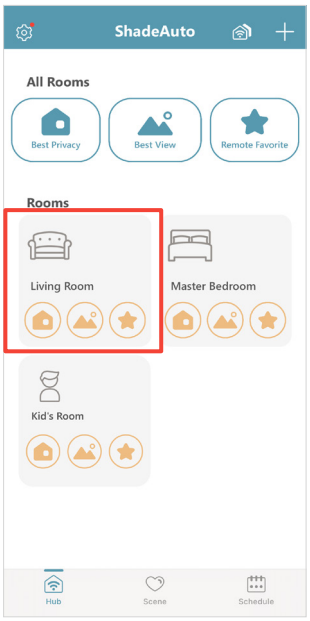
SETTING UP 5. Room(s) / Group (Channel) / Single Devices control

All rooms Control

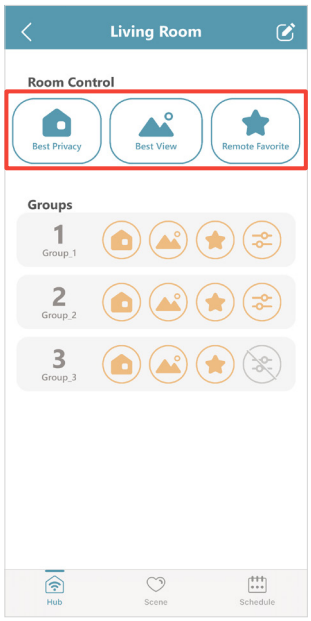


By tapping "Best Privacy", "Best View", and "My Favorite" icons, under "All Rooms", the user can control all devices programmed to the Hub.

Single Room Control

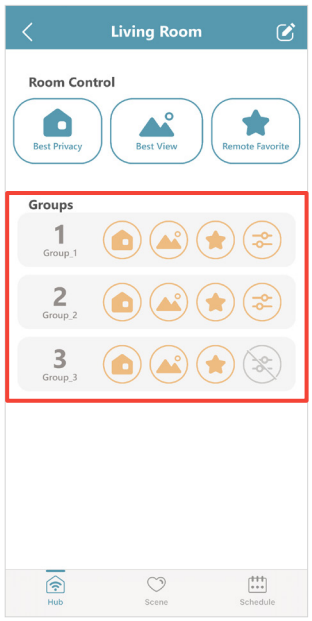


By tapping the icons under the Room to control all devices programmed to the selected room.



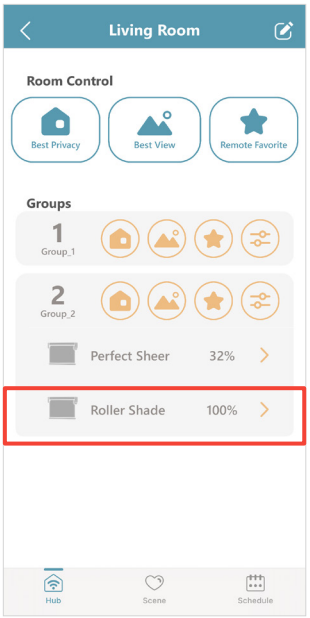
By tapping "Best Privacy", "Best View", and "My Favorite" icons under "Room Control" to control all devices programmed to the selected Room.

Single Group (Channel) Control

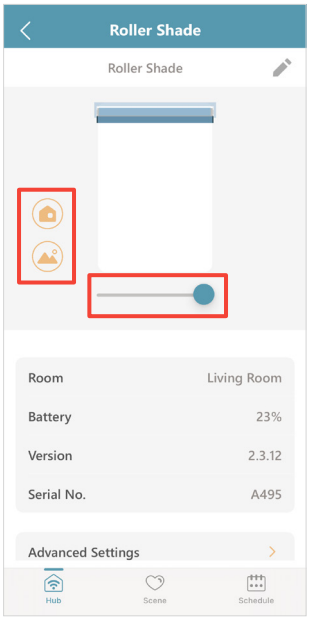


Select a group, and by tapping "Best Privacy", "Best View", and "My Favorite" icons under one Group to control all devices programmed to the selected Group.

Single Devices Control



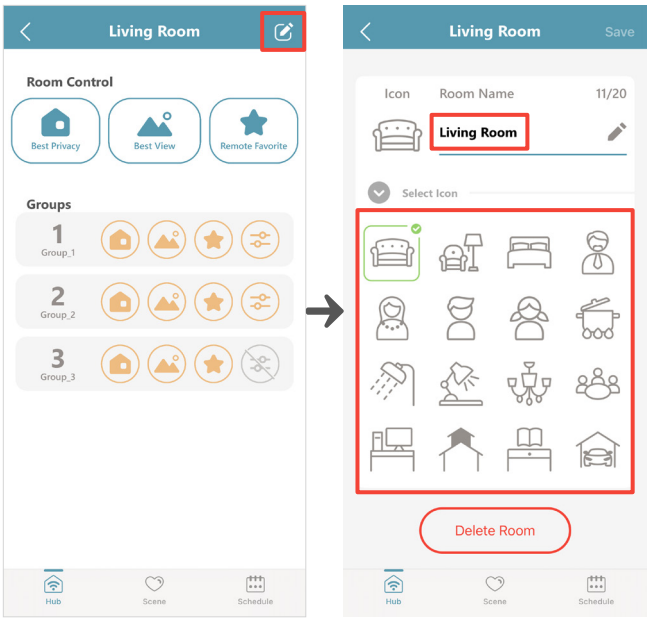
Select one Group and select a desired Single Device to control.



By tapping "Best Privacy", "Best View" icons or sliding the control bar to move the selected device to desired position.

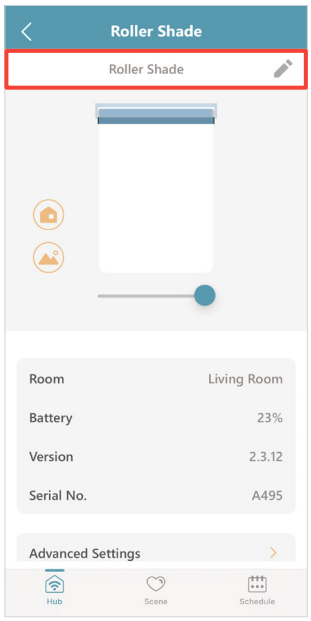
5. Room(s) / Group (Channel) / Single Devices control

Change Room Name/ Icon



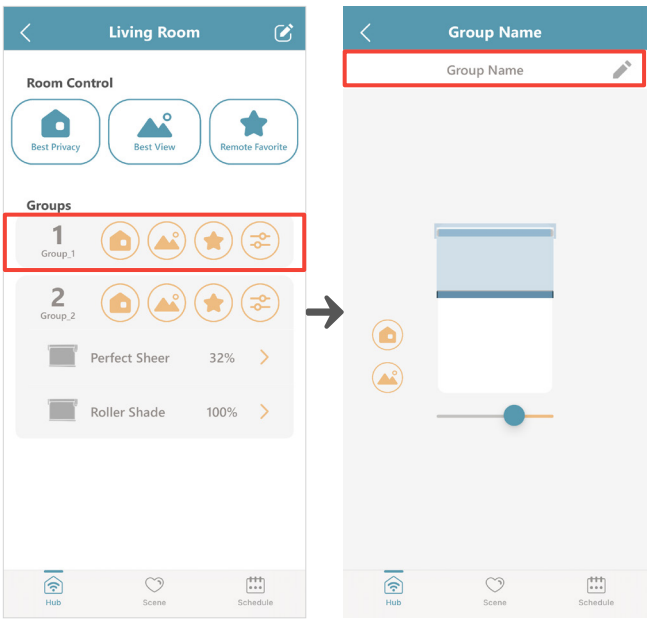
By tapping the pencil icon on the top-right to customize the selected Room's name and icons.

Change Single Device Name



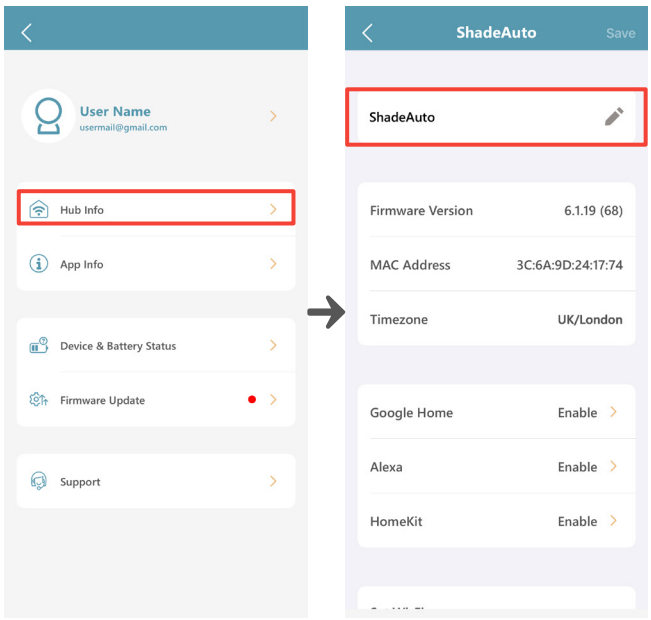
Go into the single device control page, and tapping the pencil icon on the top-right to re-name the selected device.

Change Group (Channel) Name



Go into the Group control page, and tapping the pencil on the top-right to re-name the selected Group name.

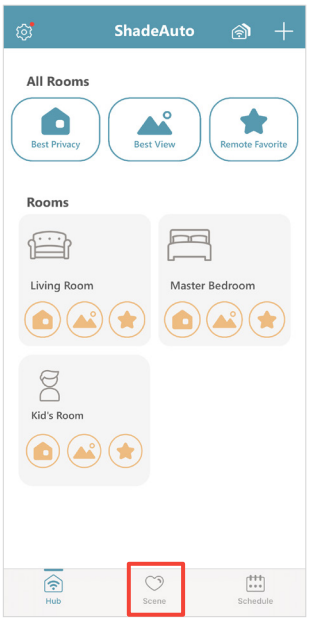
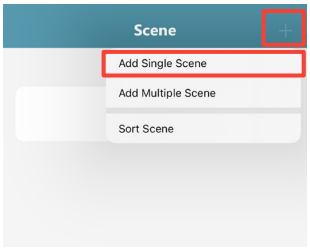
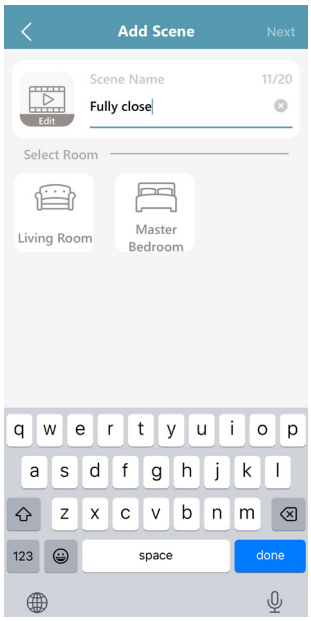
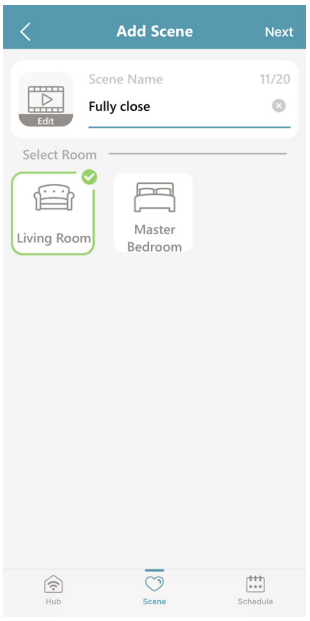
Change Hub Name

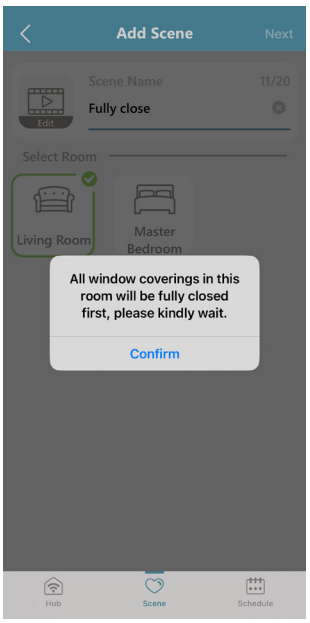
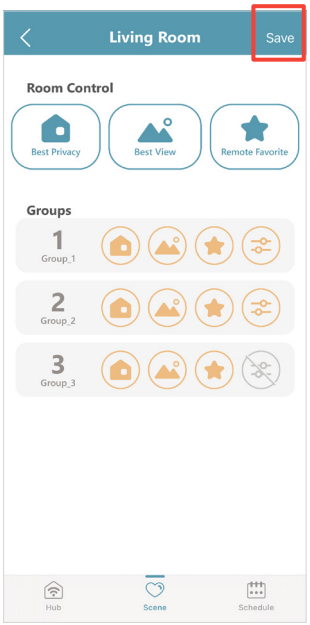
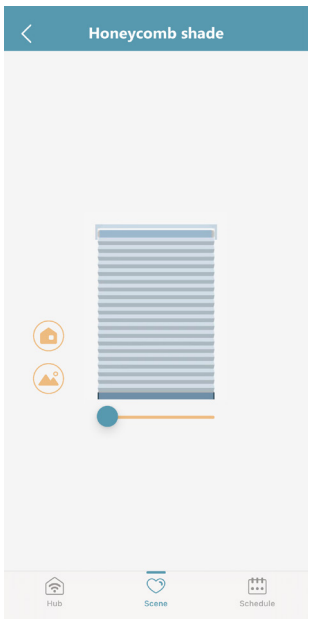
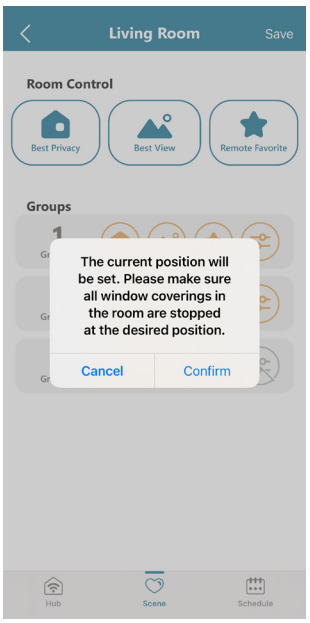


Go into Settings icon, and tapping Hub info.
Tap the pencil icon on the right to customize the selected Hub name.

SETTING UP 6. Create Scenes

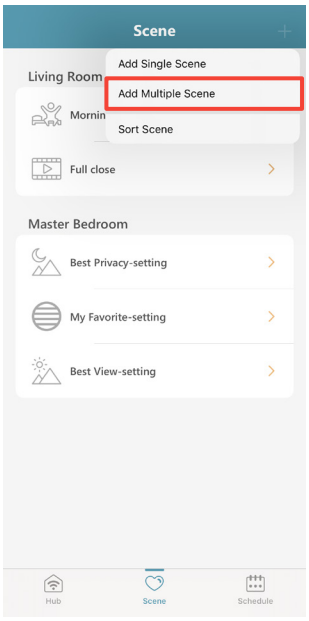
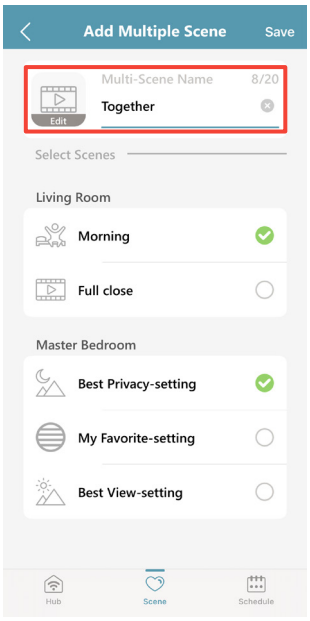
Creating a scene allows users to send a group of devices to a customized position at the touch of a button.

Step 1	Step 2	Step 3	Step 4
	 Tap "Add Single Scene" to start creating scene. 		
Tap "Scene" for starting.	Tap "+" icon, and tap "Add Single Scene" to start creating scene.	Name the scene.	Select a Room, and tap "Next".

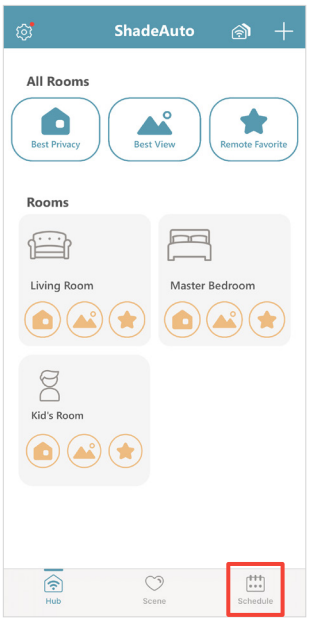
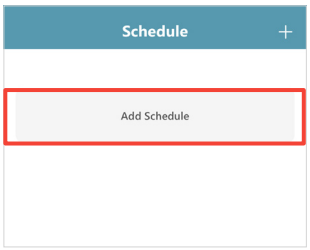
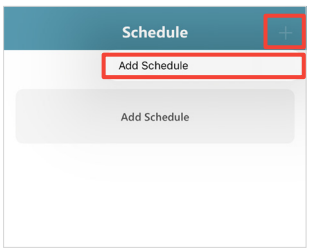
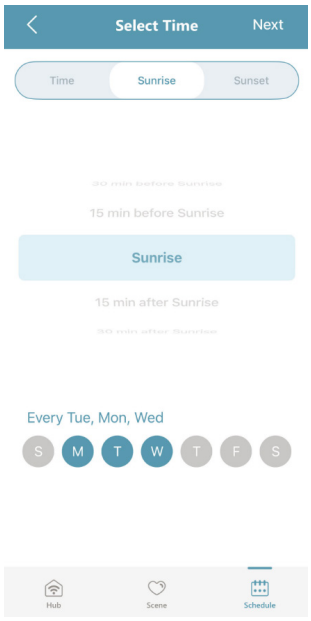
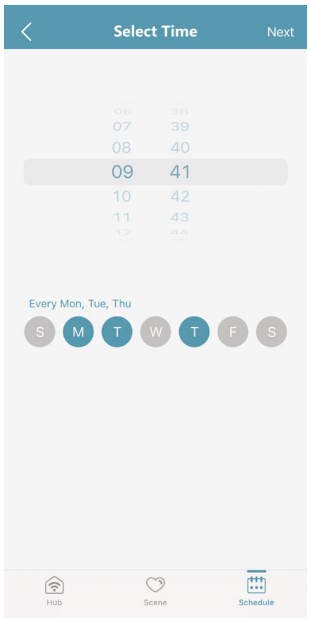
Step 5	Step 6		Step 7
			
Note: "All window treatments in the room will fully close first, please wait." (Please **WAIT** all window treatments in the room **Fully Close**, then to process the next step.)	The user can move window treatments by "Room(s) / Group (Channel) / Single Devices control" to customize desired scene position. Tap "Save" after finish scene setup.		Note: "The current position will be set. Please make sure all window treatments in the room are stopped at the desired position." Tap "Confirm" once all window treatments are stopped at the desired position.

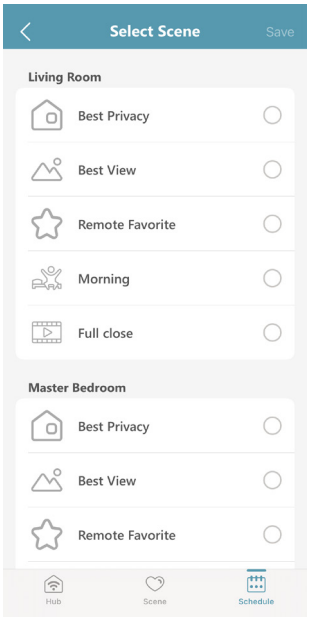
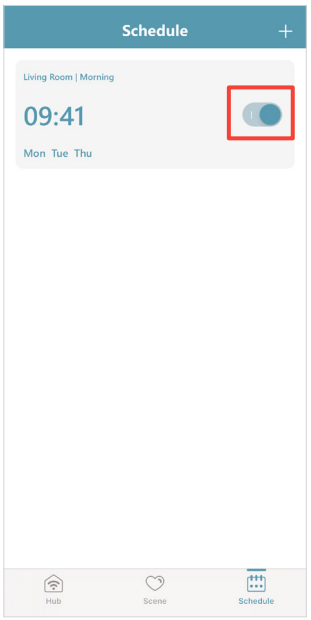
SETTING UP 7. Create Multiple Scenes

If users want to have a same time schedule for window treatments from different rooms, it needs to combine Single Scenes to Multiple Scene first.

Step 1	Step 2
	
Tap "Add Multiple Scenes".	Create a name for the multiple scenes, and select the scenes that need to combine and click "Save" to finish setup.

SETTING UP 8. Add Schedule

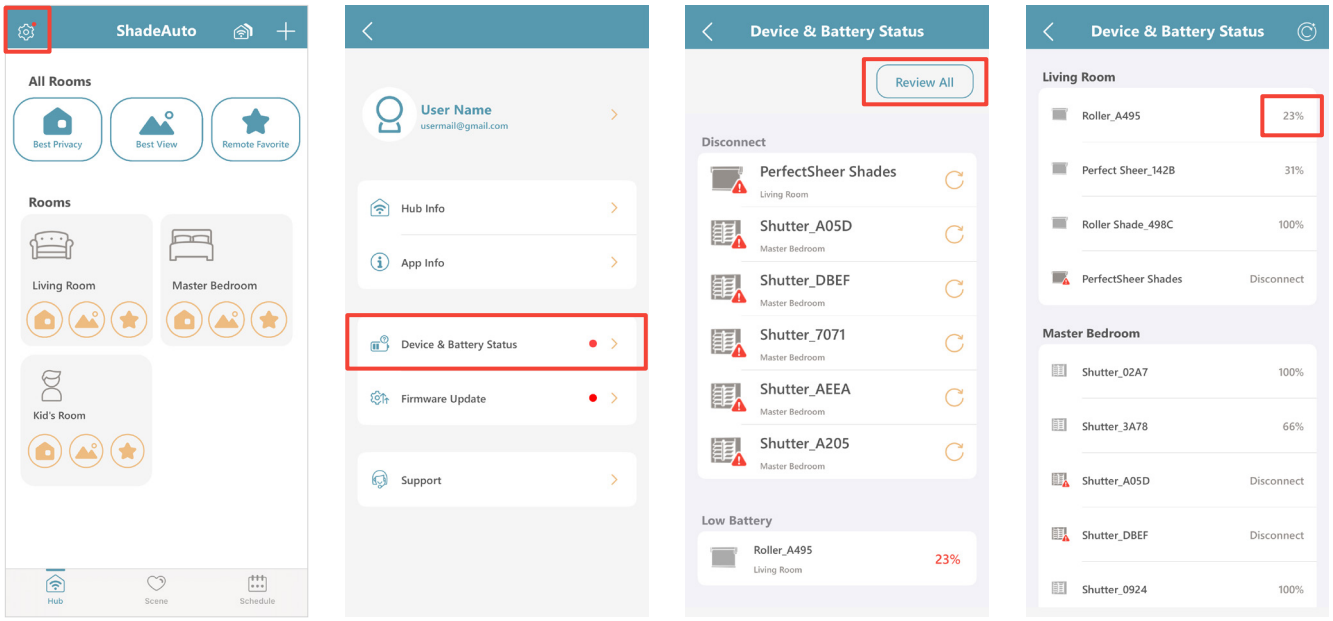
Step 1	Step 2	Step 3
	 Tap "Add Schedule" directly to start adding Schedule. 	 
Tap "Schedule".	Tap "+" icon and "Add Schedule" under the list or Tap "Add Schedule" directly to start adding Schedule.	Select the specific time or Sunrise/Sunset & the day which user wants to set for the schedule, and tap "Next"

Step 4	Step 5
	
Select a Room and one of its scenes for the schedule, and then tap "Save".	Tapping the button to enable or disable the schedule.

- ONE schedule is only able to enable ONE Single Scene or ONE Multi-Scene.
- User can create different schedules for a same scene.
- Sunrise and sunset times depend on the local time of the connected network region.

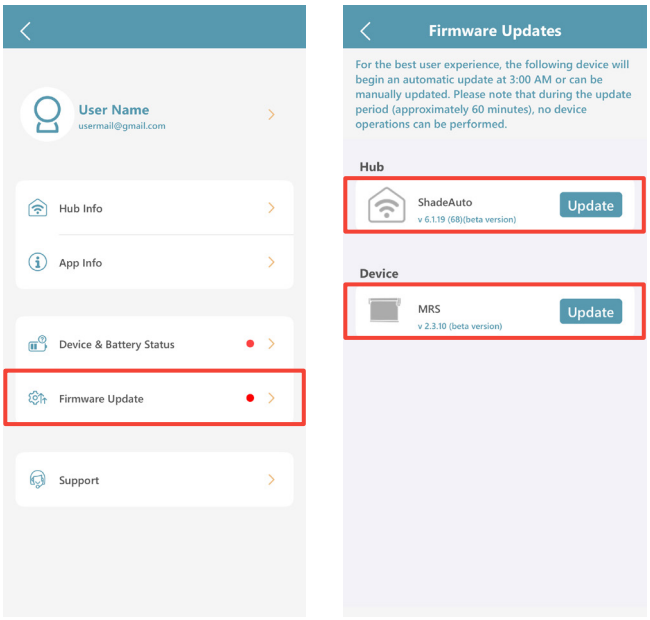
SETTING UP 9. Device & Battery Status & Firmware Update

Device & Battery Status



1. If there's any devices that have lost signal or in low battery (under 30%), a RED dot will appear on the above of the setting icon.
2. Tap the setting icon on the top-left and tap "Device & Battery Status" to check whether there's any devices that have lost signal or in low battery. Disconnected devices or devices in low battery (under 30%) will appear here.
3. Tap "Review all" to check all devices battery status.

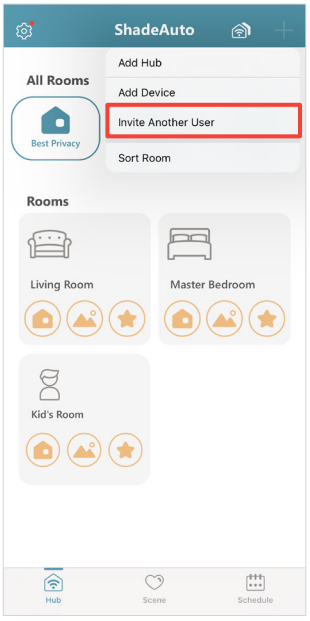
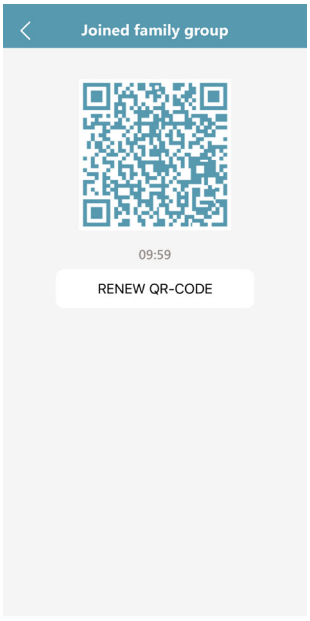
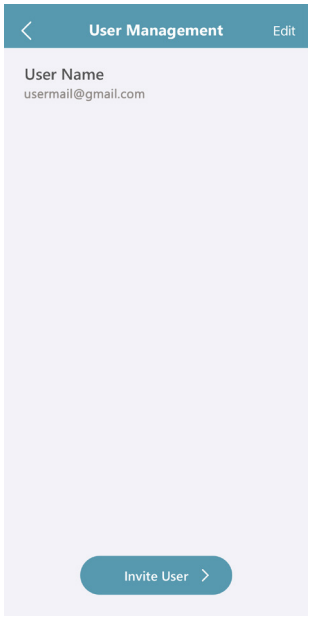
Firmware Update



1. If Hub or devices need to be updated, a RED dot will appear at the end of "Firmware Update". Tap "Update" to update the Firmware.
2. If no manual update is performed, the App will automatically update at midnight (00:00) local time.

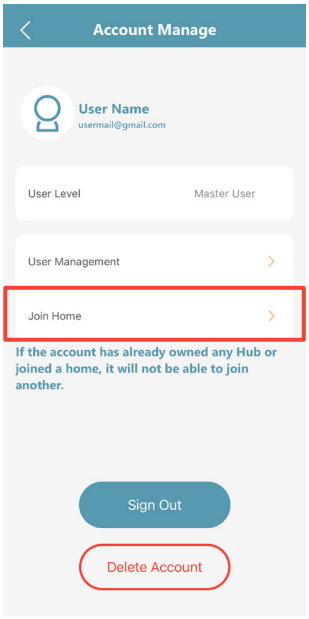
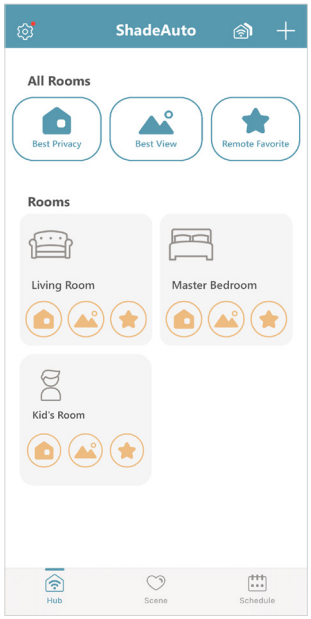
SETTING UP 10. Invite Another User

Main Account

Step 1 (Main Account)	Step 2 (Main Account)	Step 3 (Main Account)
		
Tap "Invite Another User".	Let the invited user scan the QR code to Joining in.	"Account Info" will be listed under "User Management".

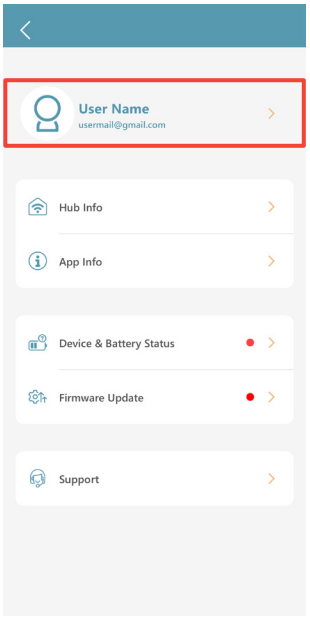
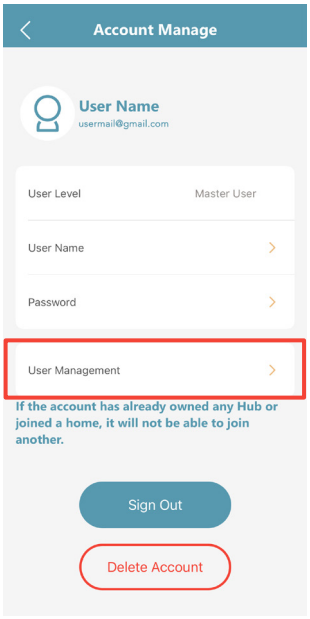
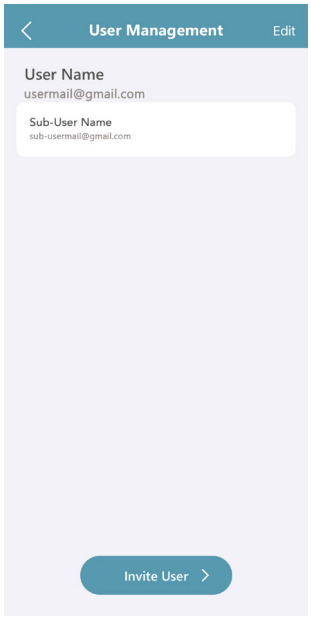
10. Invite Another User

Sub-User

Step 1 (Sub-Account)	Step 2 (Sub-Account)	Step 3 (Sub-Account)
		
Tap "Join Home". Note: Sub-account must not connect with other Hub or Family Account.	Scan the QR code provided by main account to join.	The invited user is allowed to control the devices, but it's not allowed to do any change for existing settings.

10. Invite Another User

Check the Sub-User List

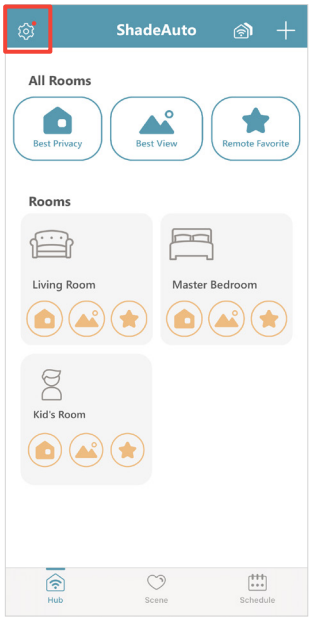
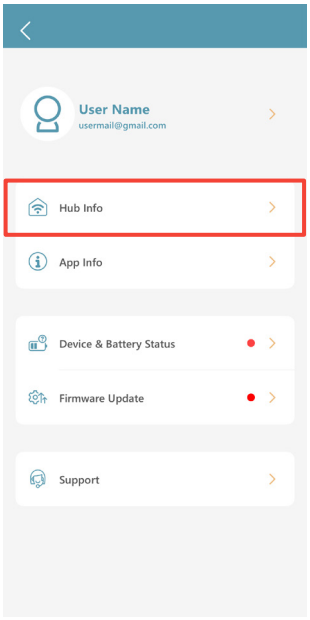
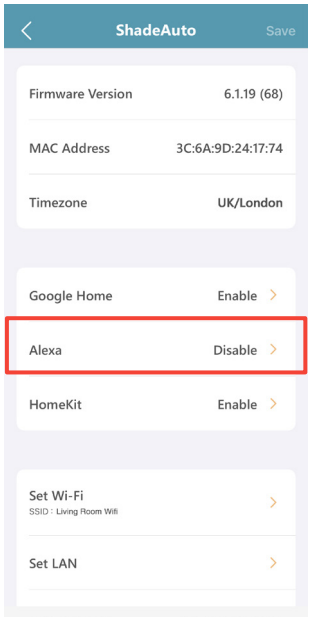
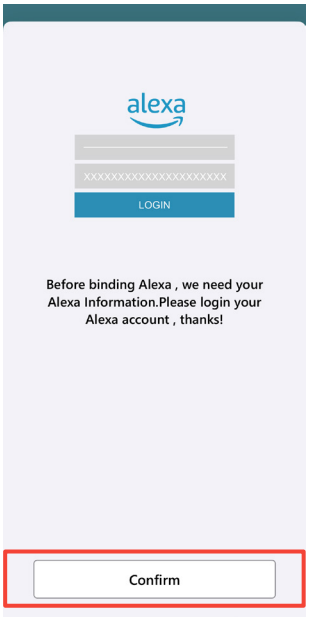
Step 1 (Main Account)	Step 2 (Main Account)	Step 3 (Main Account)
		
Tap user's account.	Tap "User Management".	The sub-user list will show up on this Hub.

SMART HOME SOLUTION

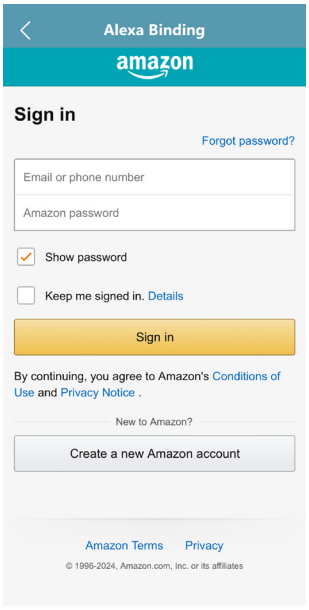
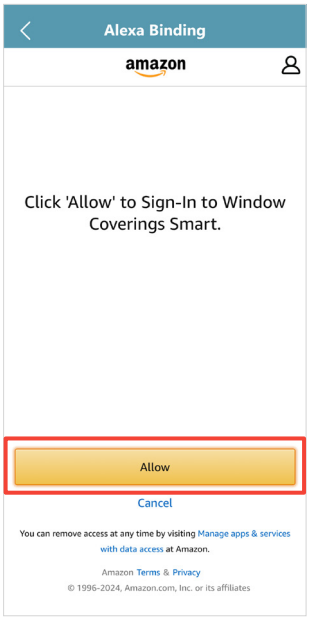
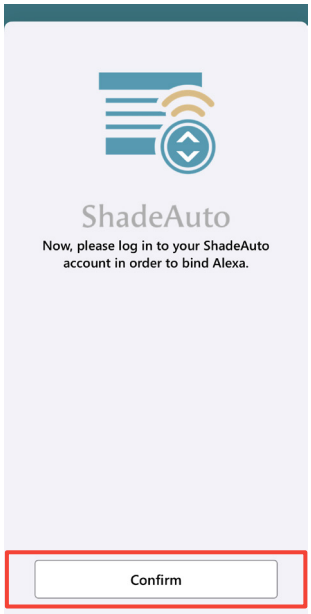
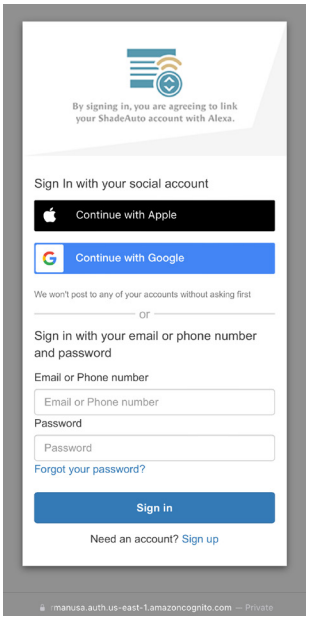
- The third smart home solution is only able to support simple operation. For precise and complicate operation, please always use ShadeAuto™ for better performance.
- Please always finish setup of ShadeAuto™ before building connection with the third SmartHome solutions.
- For Shutter, it's about 37% open when slat is tilted to horizontal position.
- For Cellular Shade TDBU and Day & Night, independent middle rail operation is not available via the third SmartHome solutions. Middle rail will always move to top automatically.
- For PerfectSheer Shade, tilt function for vane is not available via the third SmartHome solutions.
- Pre-set My Favorite Position, Best View and Best Privacy by ShadeAuto™ cannot be voice commanded by the third Smart Home solution.
- Third party SmartHome solutions only support single device from ShadeAuto™. Room(s) / Group (Channel), and Schedule control from ShadeAuto™ is not supported in the third SmartHome solution. For multiple device operations, please consult setup instruction of the third part SmartHome solutions.

1. Build Connection between ShadeAuto™ and Alexa

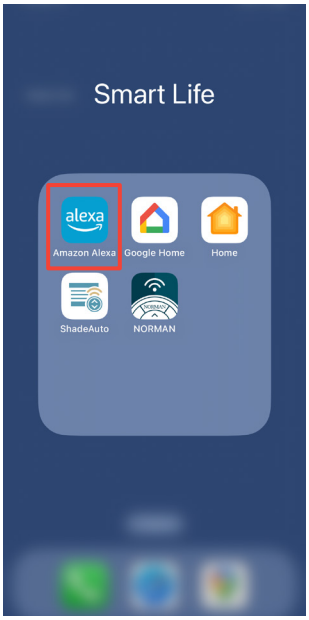
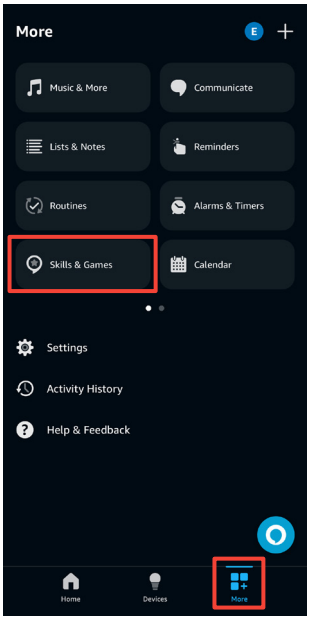
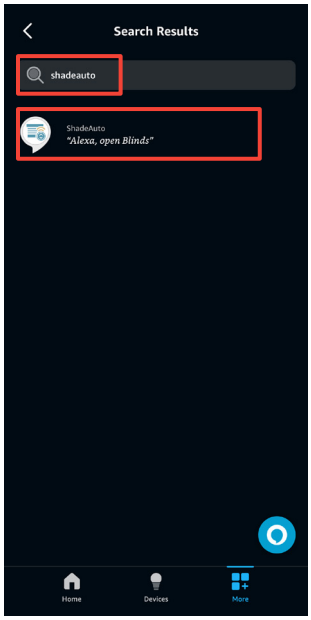
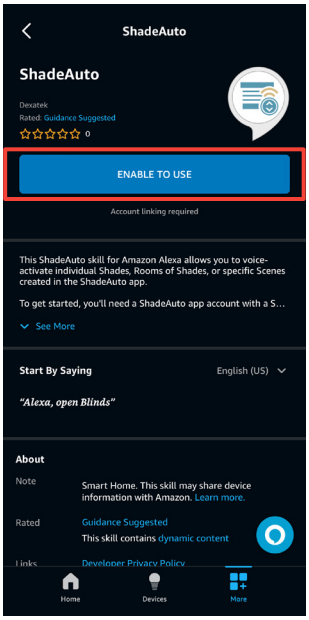
✦Connect ShadeAuto™ with Alexa via ShadeAuto™ (for both iOS and Android)

Step 1	Step 2	Step 3	Step 4
			
Tap the Settings button on the top-left.	Tap "Hub info".	Tap "Alexa".	Tap "Confirm".

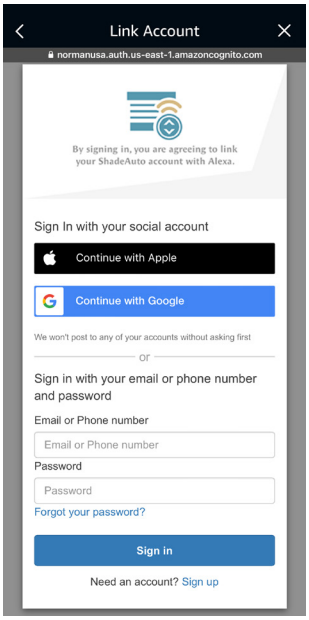
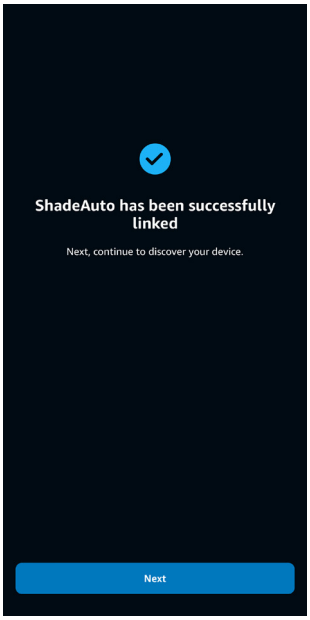
1. Build Connection between ShadeAuto™ and Alexa

Step 5	Step 6	Step 7	Step 8
			
Sign in user's Alexa account & password.	Tap "Allow" to sign in.	Tap "Confirm".	Sign in user's ShadeAuto™ App's account & password, and bound successfully.

✦Connect ShadeAuto™ with Alexa via Alexa App (for both iOS and Android)

Step 1	Step 2	Step 3	Step 4
			
Open "Alexa" app.	Tap the "More" button at the bottom right, and tap "Skills & Games".	Enter app name "ShadeAuto™" at searching bar, and tap ShadeAuto™.	Tap "ENABLE TO USE".

1. Build Connection between ShadeAuto™ and Alexa

Step 5	Step 6
	
Sign in ShadeAuto™ account & password.	Tap "Next", and the connection is complete.

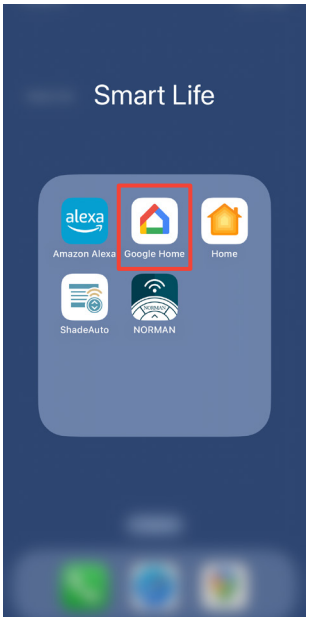
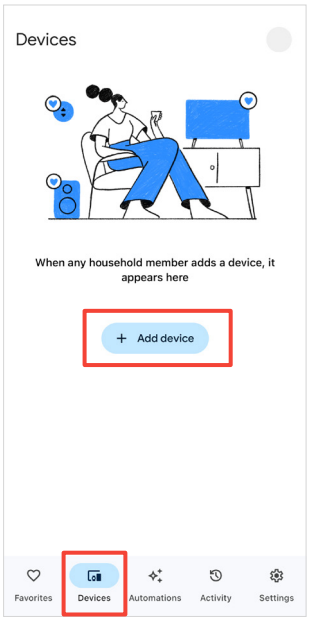
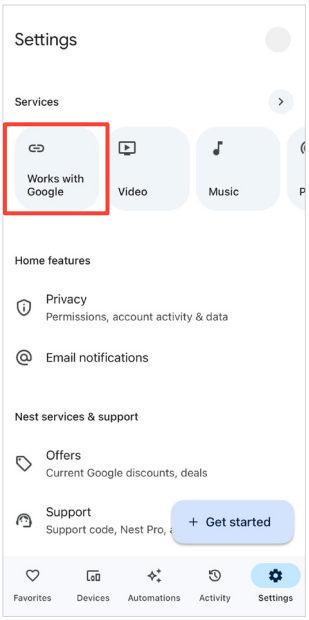
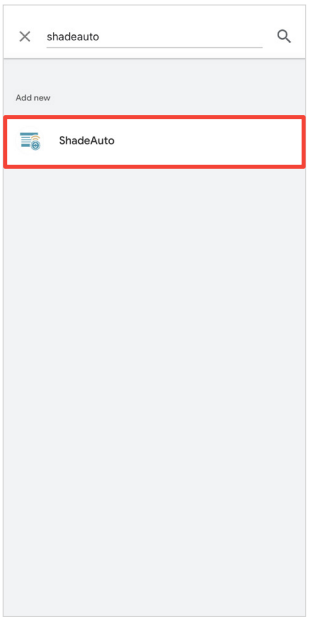
THE SIMPLEST COMMAND OFTEN LEADS TO THE GREATEST SUCCESS.

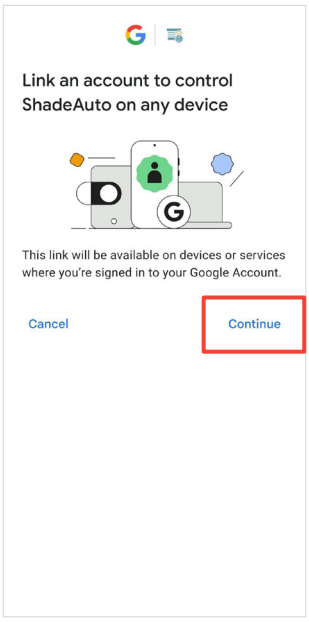
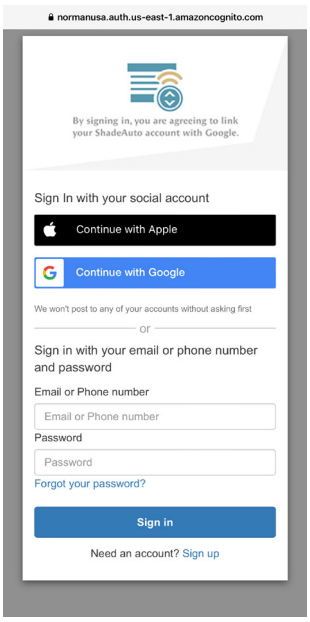
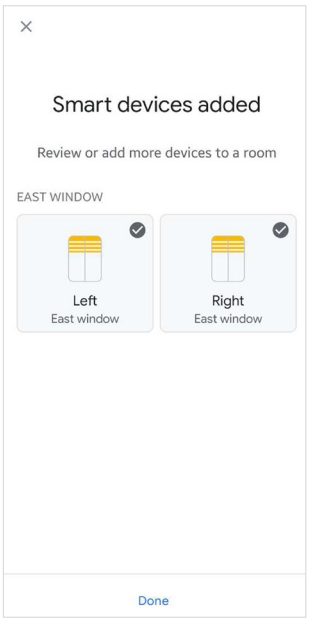
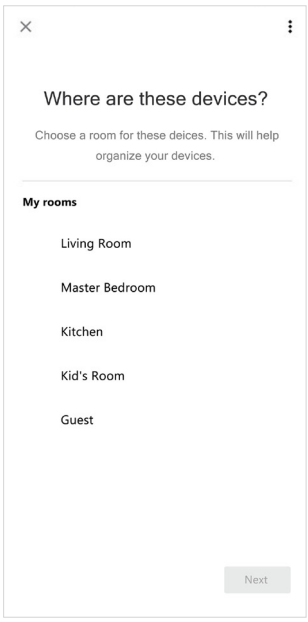
- ✦Localized voice experiences are available for languages listed in below link: https://developer.amazon.com/en-US/alexa/devices/alexa-built-in/development-resources/international
- ✦Please always name the window treatment or scene with a UNIQUE and RECOGNIZABLE name. Special symbols or Roman numerals should be avoided (EX: It is recommended to use 'one' instead of '1').
- ✦For scene operation, please always create scenes in ShadeAuto™ first. Alexa App cannot create scene for our company's motorized window treatments.
- ✦It's recommended to do all editions like add / delete devices, create / delete scenes / rename device /scenes via ShadeAuto™. All changes will be updated to Alexa automatically.
- ✦ShadeAuto™ Scene can be activated by voice command only via Alexa.
- ✦Recommended Operation commands example:

  Alexa, open / close the "Device Name".
  Alexa, open / close the "Device Name" to "30" percent.
  Alexa, turn on "Movie Time".
  Alexa, activate "Lunch Time".

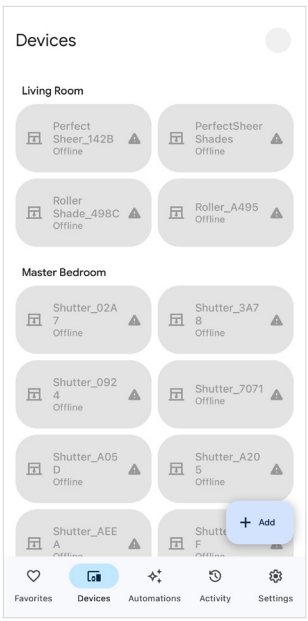
2. Build Connection between ShadeAuto™ and Google Home

✦Connect ShadeAuto™ with Google Home via Google (for both iOS and Android)

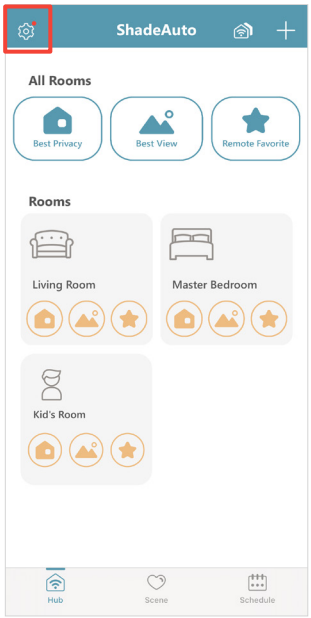
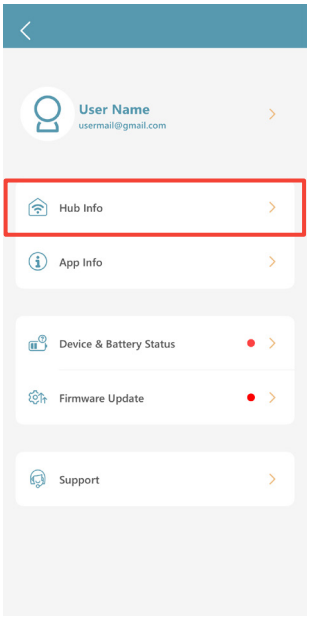
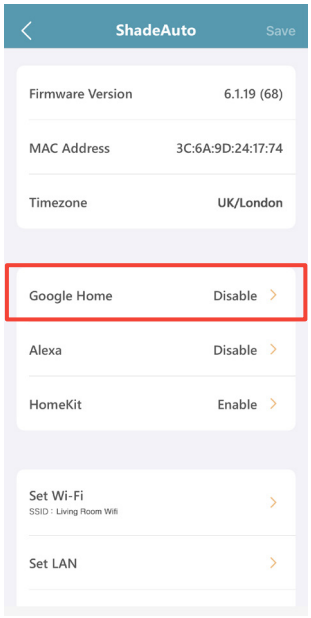
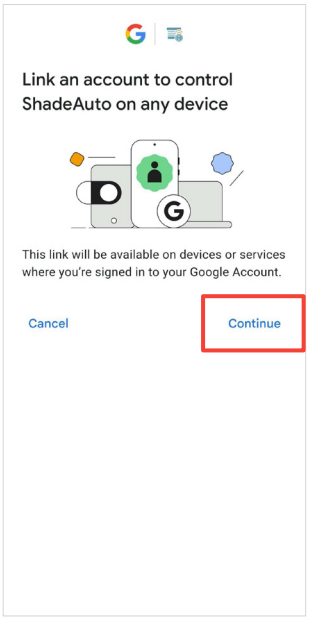
Step 1	Step 2	Step 3	Step 4
			
Open Google Home.	Tap "Device" at the bottom, and tap "Add device".	Select "Works with Google".	Sign in "ShadeAuto™" into the search bar, and tap "ShadeAuto™".

Step 5	Step 6	Step 7	Step 8
			
Tap "Continue".	Sign in user's "ShadeAuto™" Email & Password.	Choose the devices which the user wants to add. Or tap "done" to skip Step 8 and load ShadeAuto™ rooms setting automatically.	Choose the room that the user wants the devices to belong to.

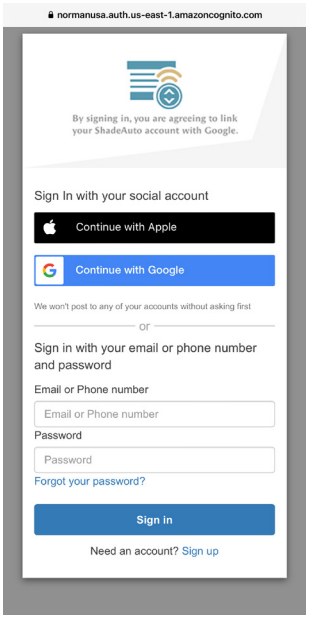
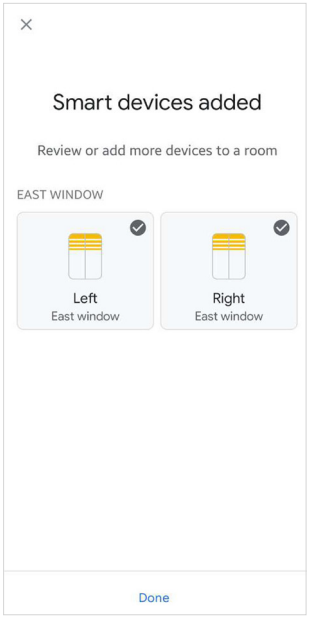
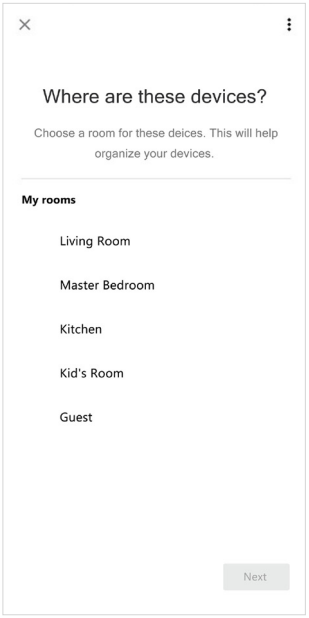
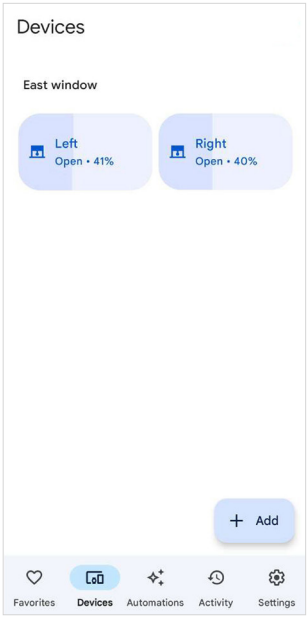
2. Build Connection between ShadeAuto™ and Google Home

Step 9

Connection is complete.

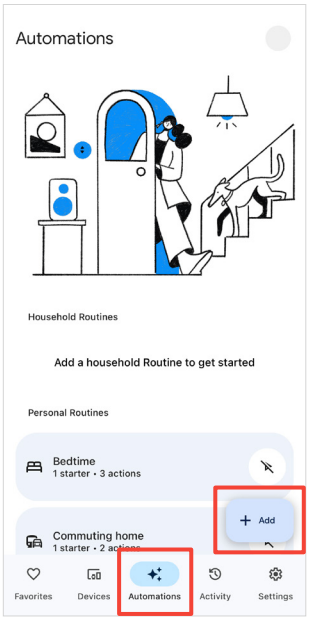
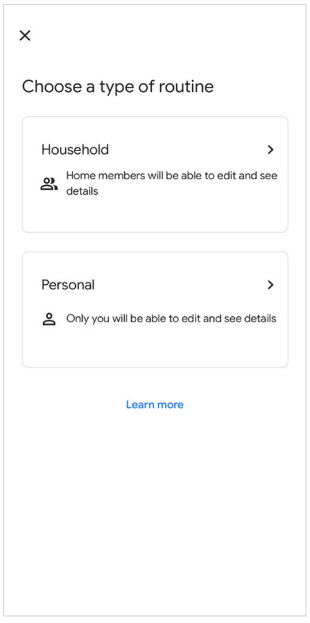
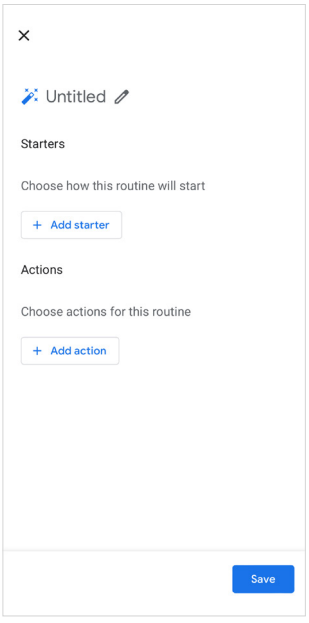
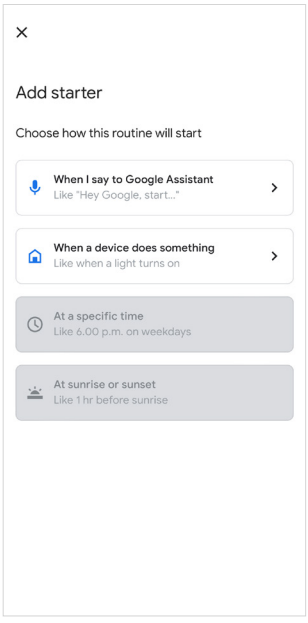
✦Connect ShadeAuto™ with Google Home via ShadeAuto™ (for Android only)

Step 1	Step 2	Step 3	Step 4
			
Tap the Settings button on the top-left.	Tap "Hub info".	Tap "Google Home".	Tap "Continue".

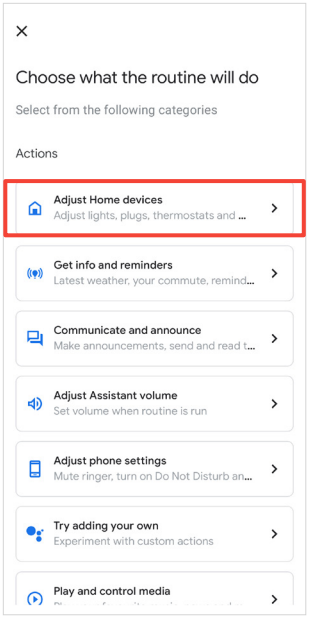
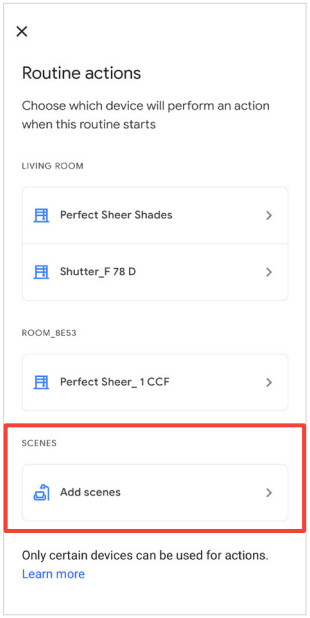
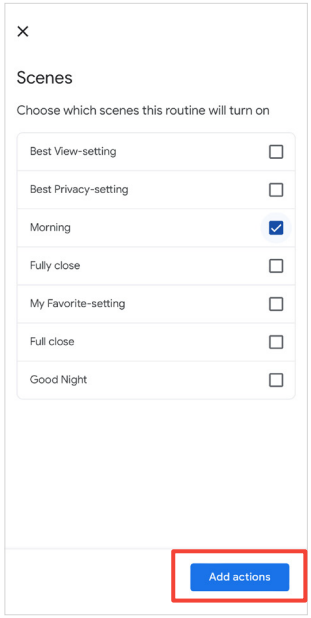
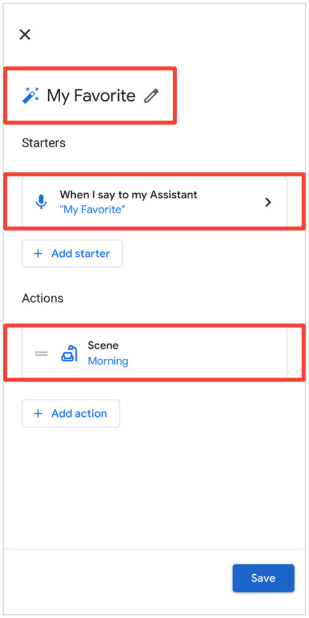
2. Build Connection between ShadeAuto™ and Google Home

Step 5	Step 6	Step 7	Step 8
			
Sign in user's "ShadeAuto™" Email & Password.	Choose the devices which the user want to add, and tap "Done".	Choose the room which the user wants the devices to belong to.	Once complete, all the devices will show up.

✦To activate scene in Google Home

Step 1	Step 2	Step 3	Step 4
			
Tap "Automations" at the bottom, and tap "+Add".	Select a type of Routine.	1. Name the new Routine 2. Add Starter 3. Add Action	Finish details of the new Starter.

2. Build Connection between ShadeAuto™ and Google Home

Step 5	Step 6	Step 7	Step 8
			
Add Action Select "Adjust Home Devices".	Select "Add Scenes" at the bottom.	Find and select the scenes created by ShadeAuto™.	Complete the Routine, and now scenes can be voice commanded.

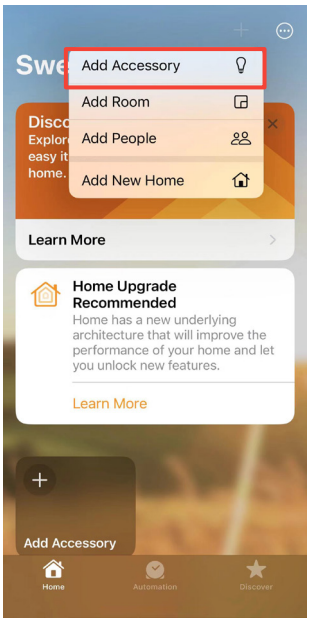
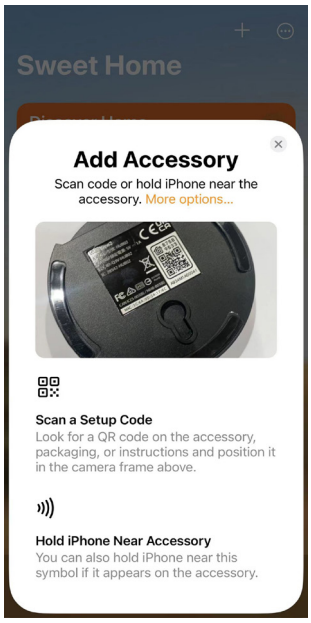
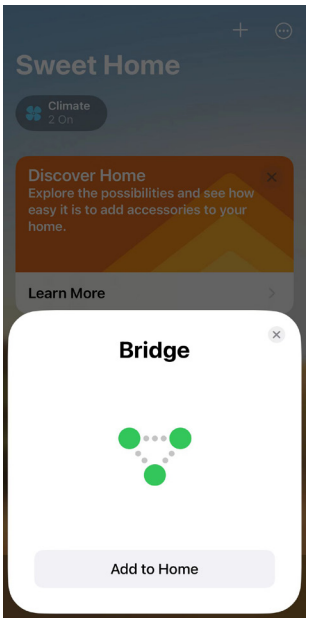
THE SIMPLEST COMMAND OFTEN LEADS TO THE GREATEST SUCCESS.

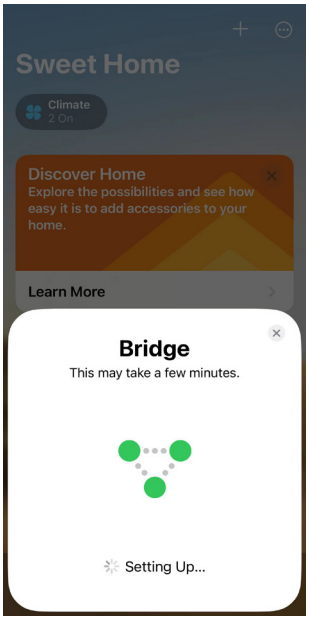
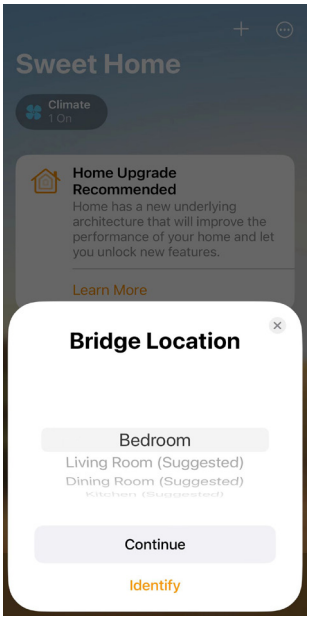
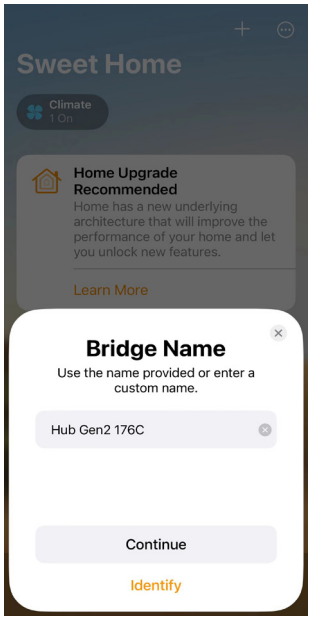
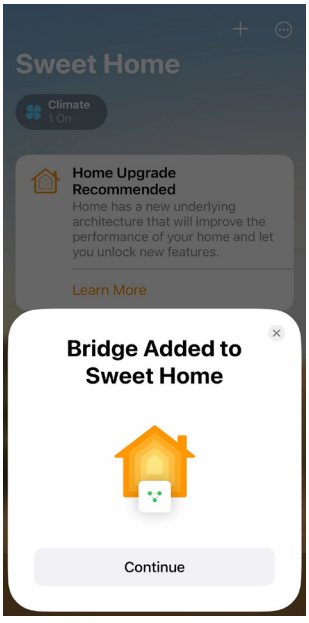
- ✦Localized voice experiences are available for languages listed in below link: https://support.google.com/store/answer/2462844?hl=en
- ✦Please always name the window treatment or scene with a UNIQUE and RECOGNIZABLE name. Special symbols or Roman numerals should be avoided (EX: It is recommended to use 'one' instead of '1')
- ✦For scene operation, please always create scenes in ShadeAuto™ first. Google Home App cannot create scene for our company's motorized window treatments
- ✦It's recommended to do all editions like add / delete devices, create / delete scenes / rename device /scenes via ShadeAuto™. All changes will be updated to Google Home automatically.
- ✦ShadeAuto™ Scene can be activated by voice command only via Google Home.
- ✦Recommended Operation commands example:

  Ok Google, open / close the "Device Name".
  Ok Google, open / close the "Device Name" to "37" percent.
  Hey Google, Movie Time.
  Hey Google, Lunch Time.

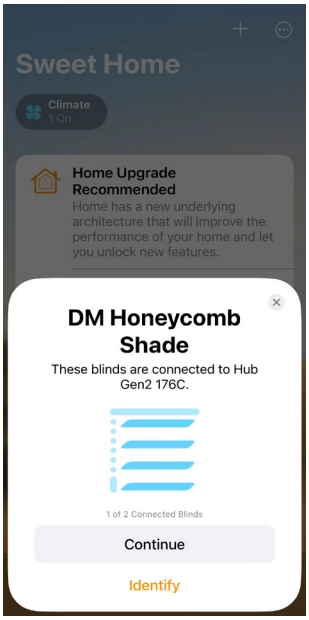
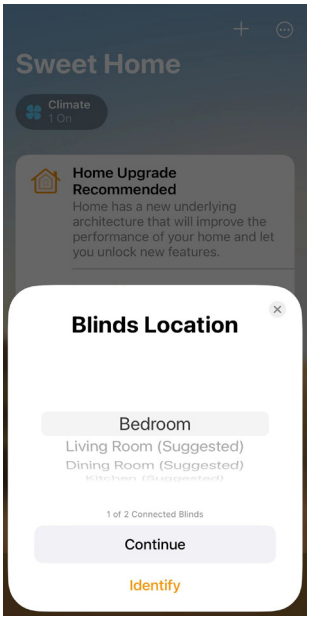
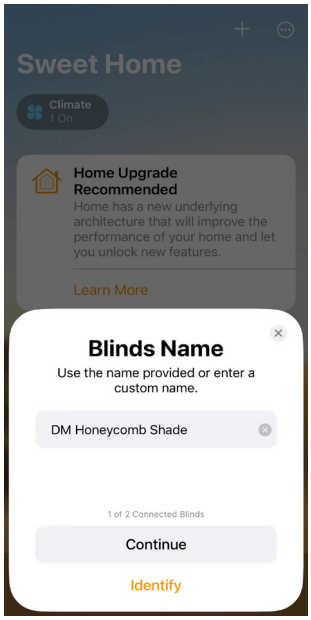
3. Build Connection between ShadeAuto™ and Apple Home (for iOS only)

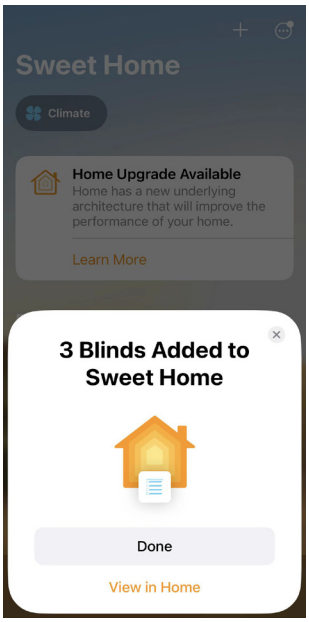
- ✦Before connecting with Apple Home, please plug out the ShadeAuto™ and then plug in again to reset the power, wait until the signal light turns white.
- ✦**The max quantity is 15pcs Window treatments (Devices) / Motors for Apple Home.**
- ✦Please make sure the iPhone, iPad and ShadeAuto™ hub are connected to the same WiFi network.
- ✦Apple Home only supports Apple devices.

Step 1	Step 2	Step 3	Step 4
			
Open the Apple Home App	Tap "+" on the top-right and tap "Add Accessory".	Scan the QR Code on the back of the Hub.	Tap "Add to Apple Home".

Step 5	Step 6	Step 7	Step 8
			
Wait for the Apple Home to connect with Bridge (Hub).	Choose the location for the Bridge (Hub) location.	Name the Bridge (Hub).	Tap "Continue".

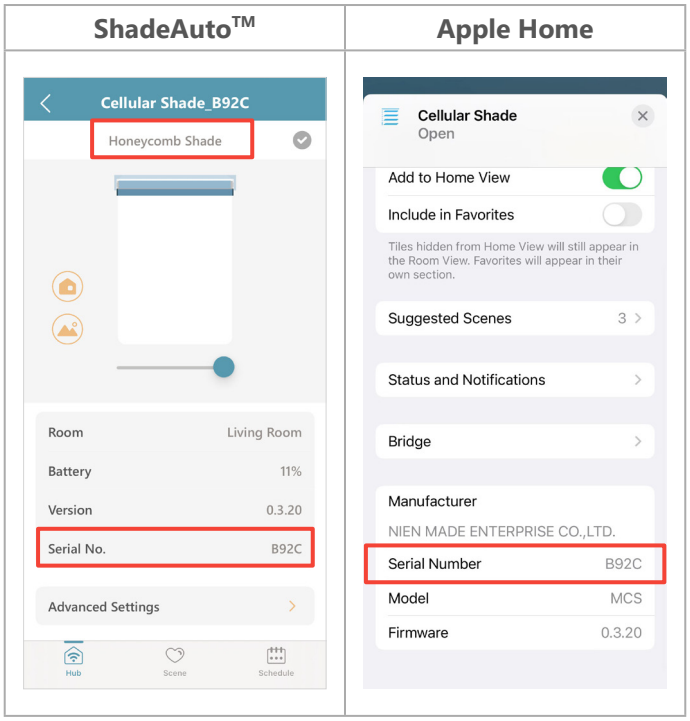
3. Build Connection between ShadeAuto™ and Apple Home (for iOS only)

Step 9	Step 10	Step 11	Step 12
			Note: Users have to add the devices to Apple HomeKit one by one. EX. If users have 10 shades need to add, it has to repeat 10 times for Step 9 ~ 11.
Add the devices and tap "continue".	Choose the location for the device which been added.	Name the devices the user wants to add.	

Step 13

Tap "Done" when all devices are added into Apple Home.

3. Build Connection between ShadeAuto™ and Apple Home (for iOS only)

- ✦Window treatments (Devices) can only be added or deleted by ShadeAuto™. Devices cannot be added or deleted by Apple Home.
- ✦Scenes created in ShadeAuto™ won't be loaded to Apple Home. Please always create scene in Apple Home.
- ✦Apple Home won't load in pre-set device name from ShadeAuto™ , so the motor name will be the initial name loaded to Apple Home. User could identify window treatments via Serial No.



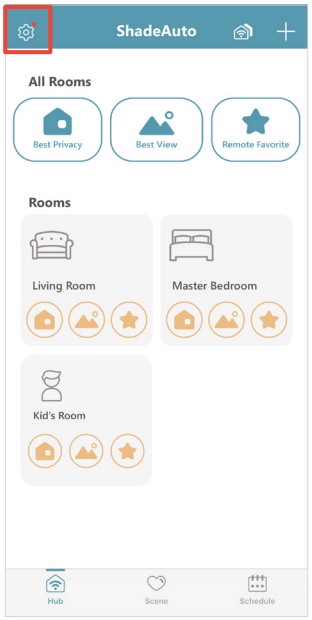
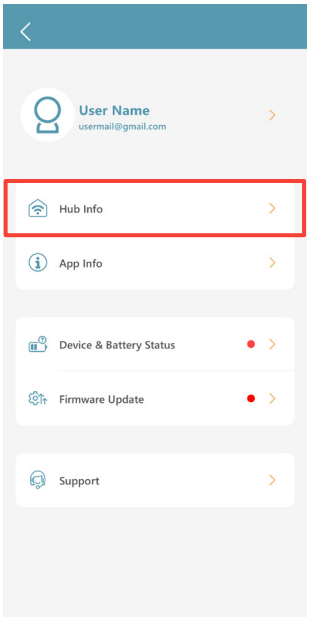
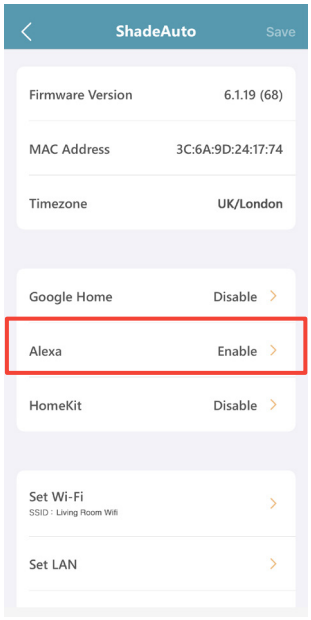
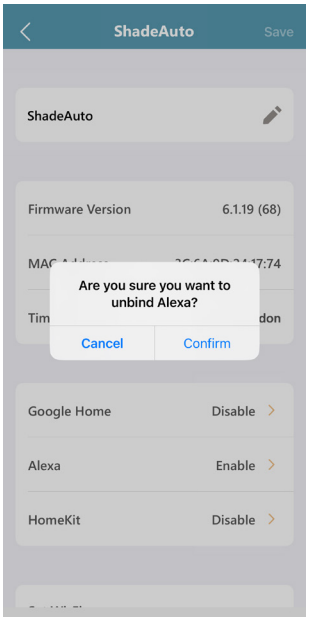
THE SIMPLEST COMMAND OFTEN LEADS TO THE GREATEST SUCCESS.

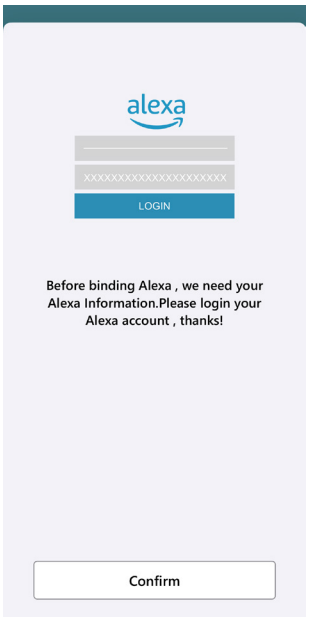
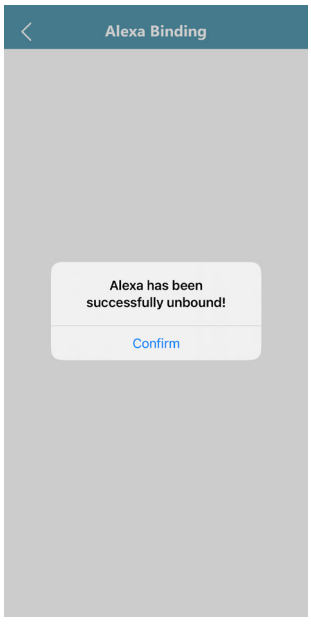
- ✦Localized voice experiences are available for languages listed in below link: https://www.apple.com/ios/feature-availability/
- ✦Please always name the window treatment or scene with a UNIQUE and RECOGNIZABLE name. Special symbols or Roman numerals should be avoided (EX: It is recommended to use 'one' instead of '1').
- ✦Recommended Operation commands example:

Hey Siri, open the "Device Name".
Hey Siri, close the "Device Name".
Hey Siri, open / set the "Device Name" to "37" percent.
Hey Siri, "Good Night".

4. Disconnect ShadeAuto™ with the third SmartHome Solution

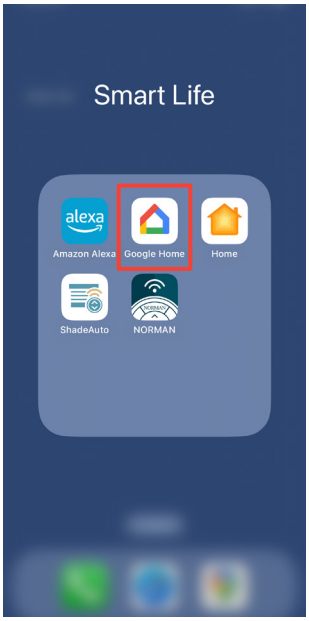
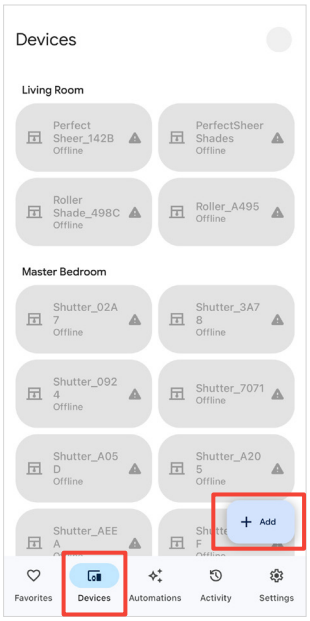
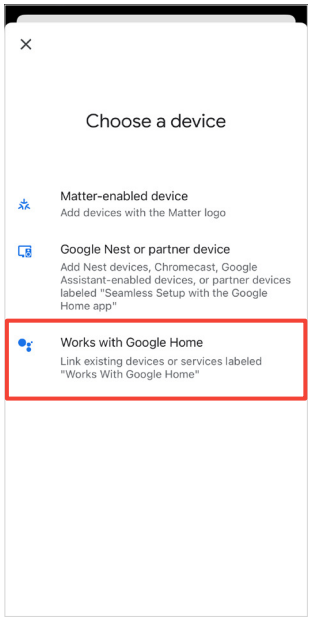
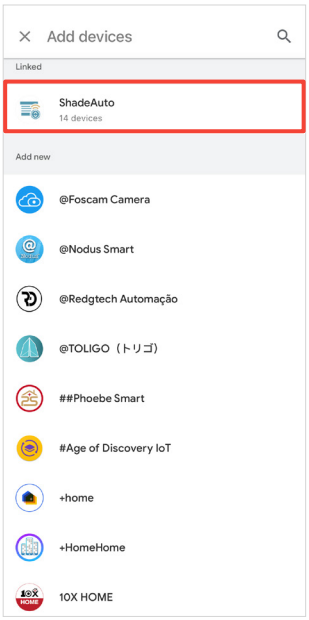
✦Disconnect ShadeAuto™ with Alexa (for both iOS and Android)

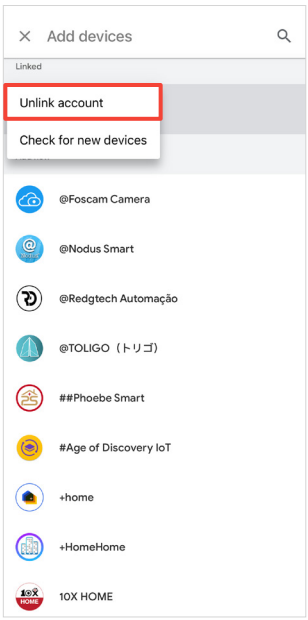
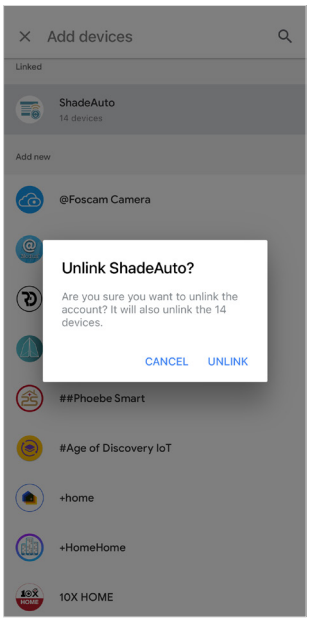
Step 1	Step 2	Step 3	Step 4
			
Tap setting button.	Tap "Hub info".	Select Alexa to disconnect.	Tap "Confirm".

Step 5	Step 6	Step 7
		
Tap "Confirm".	Tap "Allow" to continue.	Disconnected successfully.

4. Disconnect ShadeAuto™ with the third SmartHome Solution

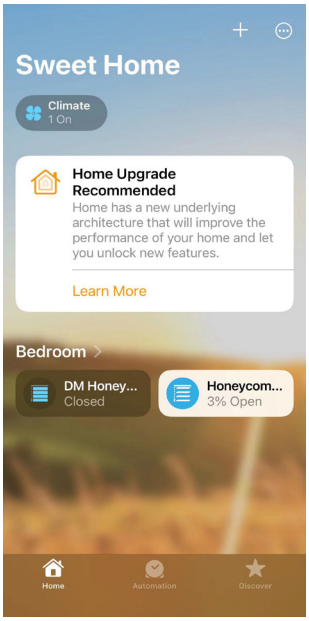
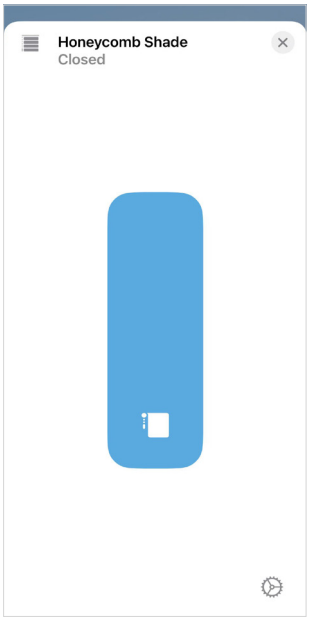
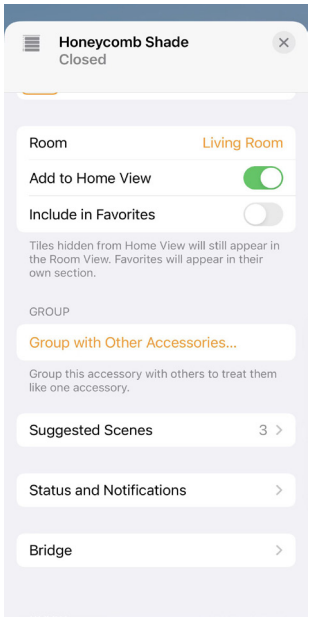
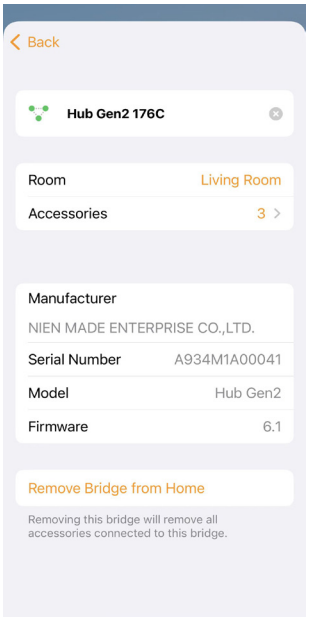
✦Disconnect ShadeAuto™ with Google Home (for both iOS and Android)

Step 1	Step 2	Step 3	Step 4
			
Open Google Home.	Tap "Device" at the bottom, and tap "Add device".	Select "Works with Google".	Find "ShadeAuto™" in the "Linked area".

Step 5	Step 6
	
Tap "ShadeAuto™" and select "Unlink account".	Unlink the "ShadeAuto™" account and it will remove all devices under the account accordingly.

4. Disconnect ShadeAuto™ with the third SmartHome Solution

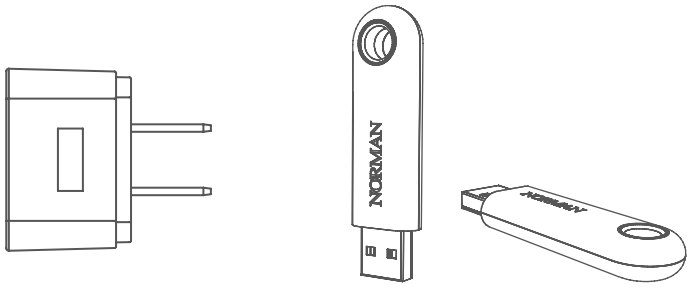
✦Disconnect ShadeAuto™ with Apple Home (for iOS only)

Step 1	Step 2	Step 3	Step 4
			
Tap a window treatment.	Tap the gear icon on the bottom right button.	Tap "Bridge".	Tap "Remove Bridge from Home".

REPEATER

QUICK START GUIDE

① Plug USB power adapter into a power outlet.
Only use authorized USB Power adapter with USB Repeater. Using other adapter / power sources may adversely affect USB repeater performance and should be avoided.

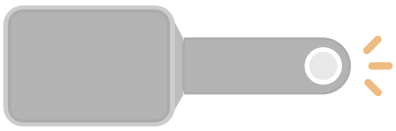


② Plug the USB Repeater into the USB power adapter. The repeater will flash white light once plug on.
USB Repeater will join the Hub network during installation. No setup needed.

③ Do any control by a remote control or via ShadeAuto™, the white light on the repeater will flash. This means the repeater is transmitting the signal.

IMPORTANT

Maximum of 5 repeaters can be used in a same room. DO NOT cover the repeater with a metal shield.



SPECIFICATION

NO	Item	Specification
1	Power source	5V, 1A, USB A type plug
2	Radio type	Proprietary 2.4G RF
3	Radio distance	10 meters
4	LED	White LED 1pcs
5	Power consumption	<150mW
6	Operation temperature	0°C ~ 45°C (32°F ~ 113°F)
7	Storage temperature	-10°C ~ 65°C (14°F ~ 149°F)
8	Dimension (mm)	L64.85 x W18 x H9
9	Weight (g)	7.2g ; +/- 0.5g
10	Color	Pantone Black

Safety Statement

Federal Communication Commission Interference Statement

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 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.

FCC Caution

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
(Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
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.

IC statement

This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1)this device may not cause interference, and
(2)this device must accept any interference, including interference that may cause undesired operation of the device.

ISED statement (France)

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1)L'appareil ne doit pas produire de brouillage;
(2)L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Norman International, Inc
28 Centerpointe Drive, La Palma, CA 90623
https://normanusa.com/

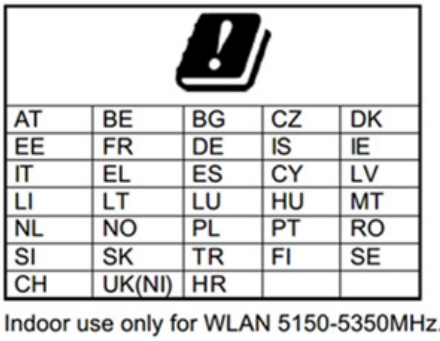
Safety Statement

Frequency range

	FCC	IC	CE
Wi-Fi 2.4 GHz	2412 – 2462 MHz	2412 – 2462 MHz	2412 – 2472 MHz
Wi-Fi 5 GHz (Band 1 & 2)	5180 – 5320 MHz	5180 – 5320 MHz	5180 – 5320 MHz
Wi-Fi 5 GHz (Band 3)	5500 – 5700 MHz	5500 – 5700 MHz 5660 – 5700 MHz	5500 – 5700 MHz
Wi-Fi 5 GHz (Band 4)	5725 – 5850 MHz	5725 – 5850 MHz	N/A

EU: max. EIRP: 20 dBm (2.4 GHz) / 23 dBm (5 GHz)

CE Warning



CAN ICES-003(B) / NMB-003(B)

020-230266

ShadeAuto™ Hub

FCC ID: Q3V-HUB02
IC: 28542-HUB02

Repeater

FCC ID: PPQ-RPT01
IC: 4491A- RPT01
JP RF: 020-190014