Opro9 Smart Lightbulb Socket
-User Manual

Model Number：FHH108

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Preface

Cvilux reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes

➤ Manual Revision

Revision	Date	Note
1.0.0	May. 10th ,2016	Initial Release
2.0.0	October 24th, 2017	Add FCC Interference Statement. (Page 14、15)

➤ Trade Mark

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Requirements

General Requirement	➢ Wireless Router with Internet connection
	➢ Available power outlet or power strip
System Requirement	➢ iPhone , iPad or iPod touch with iOS 8.3 or latter
	➢ App (e.g..HMCatalog)
	➢ iCloud Account
	➢ Apple TV (model A1469 or latter)with software 7.0 or latter version

Before You Begin

➢ Safety Issue

Please read all of the safety requirement sand operating instructions before using your device:

1. Do not open the device or attempt to repair or service it.
2. Use the device in a dry location, and avoid placing it in a humid environment.
3. Do not submerge the device in liquid or attempt to clean it with liquids or solvents.
   to clean the device, disconnect from the power outlet and use a damp towel.
4. This device should only be used indoors.

Hardware Outlook -LED and Button

1	Bulb Adaptor		Connect with the lamp socket, and other electronic devices	
2	Lamp Socket		Connect with lamp appliances	
3	Indicator	Wi-Fi	Blinking Blue	Before WAC
		Identify	Blinking Red	Identify your smart lightbulb adaptor
4	Power LED		Solid Green indicates lightbulb adaptor is turn on	
5	Power Button		Press to switch On/Off lightbulb adaptor	
6	Reset		Press Power Button 2~3 seconds to start the WAC access for your local network	

Installation and Setup

To install your lightbulb adaptor, the first step is download the "HMCatalog" app to your iDevice and make sure your iOS version is 8.3 or latter

   * iDevice means iPhone or iPad devices

➢ Step 1 : Plug your lightbulb adaptor into a lamp holder.

➢ Step 2 : Press the Power button (~2 to 3 sec),
            check the Blue LED is blanking or not.

➢ Step 3 : Add your *iDevice** to the Wireless network. (Figure 2)
 Note: Check your SSID of your wireless router and enter correct password
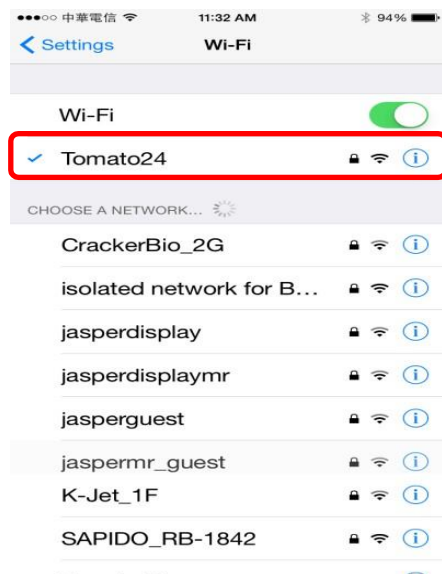 *   * iDevice means iPhone or iPad devices*

Figure 2: Add iDevice to Wireless Network

Figure 3: Add Homekit accessory to wireless network

➢ Step 4 : Add new device under the follow path on your *iDevice*
         Setting ⇒ Wi-Fi⇒ Add New Device ⇒ Select the Accessory
         ⇒Tap "***Add***" to join the network (Figure 2) and Tap "***Finish***" when
            you join the network successfully

Note: The default device name is called iU9-Smart-Lightbulbxxxxxx
 *   (where xxxxxx is the last 6 digits of MAC address)*

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➢ Step 5 : Launch "HMCatalog" app , select the "Configure" folder , then create the name of Home and Room (Figure 4)

➢Step 6 : Browsing the unpairing accessories (Figure 5), press the "Identify" to search your accessory   (Red LED will be blanking)

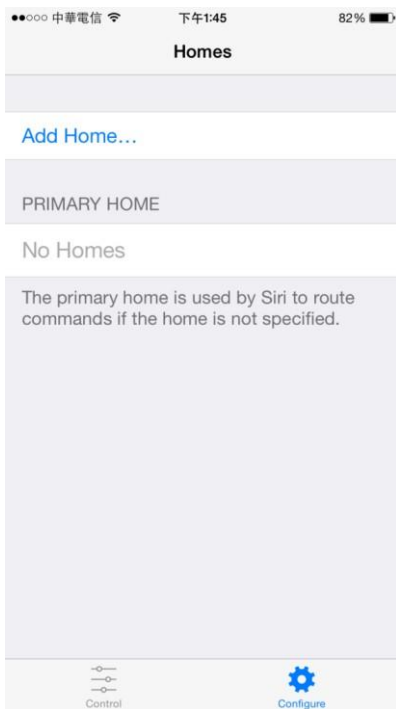➢Step 7 : Inserting the PIN code to add the accessories (Figure 6)

Figure 4: Add Home

Figure 5: Browsing for new accessories

Figure 6: Insert PIN code (8 digits)

➤Step 7 : Select "Control" folder ,then chose the Room where you assign the accessories to add (Figure 7)

➤Step 8: Plug lightbulb adaptor in the lamp socket (Figure 8)

➤Step 9: Switch "*on*" the power state and check the Power LED if it is solid green (Figure 8 and 9)
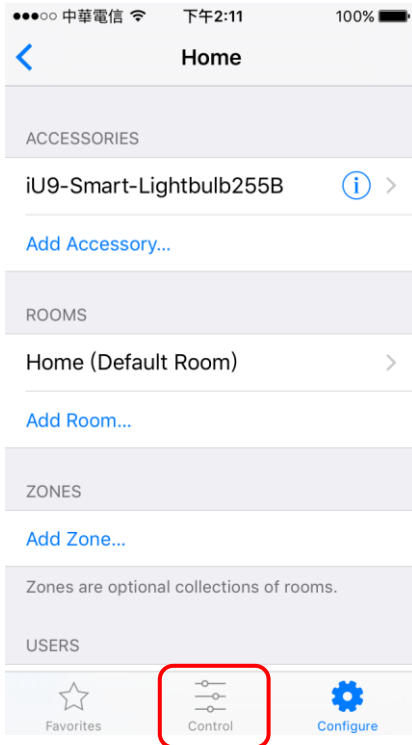

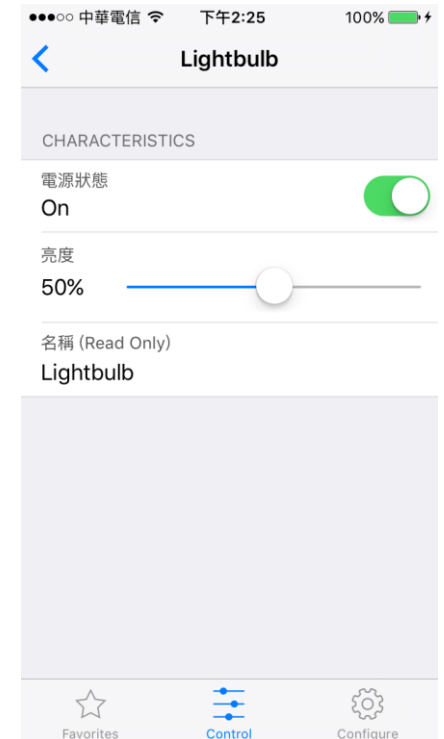Figure 7: Select "Control" folder

Figure 8: check the "On/Off" status

Figure 9: check "On/Off" status

Trouble shooting

Phenomenon Check Point		Solution
Smart Lightbulb cannot be found at your apps	Check whether Wi-Fi connection is available on your iPhone/iPad	Turn on wireless router and join network
	Check smart lightbulb whether join your wireless network successfully Check whether the WiFi indicator lights up and its LED (blue color) blinking way goes fast (refer Page.6 Indicator)	Join your Opro9 Smart Lightbulb Socket to your wireless network
	Check smart lightbulb whether already pairing successfully - PIN code is right?	Quit and close the application app, then reset the Homekit Configuration under privacy setting
	Already check all above check points but still do not solve	Reset your Opro9 Smart Lightbulb Socket
The iPhone/iPad is connected to the Smart Lightbulb correctly but apps does not work		Restart the apps application or reconnect iPhone/iPad with the wireless router.
The smart lightbulb control on apps seems much delay		Check the traffic status of your network and close the high traffic consumption application software in your local network
When selecting add new Lightbulb adaptor in apps, multiple appliances are searched.		Use "identify function" to search your desire smart Lightbulb
I lost my PIN code		Please contact your local service representative

Phenomenon Check Point		Solution
Siri can not work		1. Please check "Setting"→"General" →"Siri" → Siri feature is enabled 2. Please check internet connection
Siri voice assistant can not recognize my voice		1. Please check the Siri language setting 2. Please try the voice command like "turn on/off my light" 3. Please check the voice command suggestion with Cvilux Engineer
Out-of home Application	Siri can not work apps can not work	1. Please check your Apple TV whether connected to your Wi-Fi AP 2. Please check iCloud account is same as your iPhone/iPad 3. Please check your iCloud key chain is active

Technical Specification
  - Opro9 Smart Lightbulb Socket

➢ Wi-Fi Standard Compliance
● 802.11 b/g/n
● 2.4GHz
● WPA　Personal
● WPA 2 Personal

➢ Power
● Input AC 100 ~ 125 V @ 60Hz(US)
● Non permanently connect fixtures only

➢ Load
● Always use a bulb that remains within the rating
   of table or floor lamp
● Power Consumption : 5W (max.)
● Max. external load : 250W (US)
● Min. external load :
   >10W (Standard)
   >25W (Dimmable)
● Bulb type :
   - Standard E26/E27 lamp
   - Incandescent, Halogen
● Dims a single halogen or incandescent bulb
● Can not be used on lamps with internal dimmers

➢ Function
● Switch On/Off
● Dimming (Option)

➢ Status Indicator
● Power Switch (Solid Green)
● Wi-Fi Status　(Blanking Blue)
● Identify　　　(Blanking Red)

➢ Certification
● FCC
● IC
● ETL (496 lamp holders)
● Wi-Fi Certification (WFA62414/WFA62413)

➢ Temperature
● Operating : 0 to 40°C (32 to 104 °F)

➢ Humidity
● Operating: 10% to 80%, non-condensing
● Storage　　5% to 95%, non-condensing

➢ Dimension
 - Φ64 x 77.31 (mm)

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: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
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.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Canada statement

-English

This device complies with Industry Canada licence-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.

- French

Le présent appareil est conforme aux CNR d'Industrie 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, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements ISEDétablies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.