



# **VBA-RCS4**

Version V2.0

## Product description

The VBA-RCS4 is a knob remote controller for CASAMBI lighting network. the main functions include:

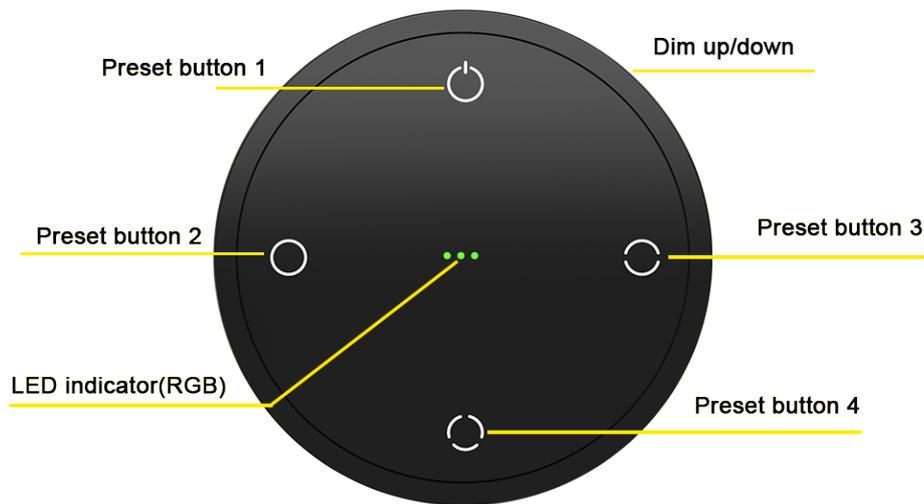
- \_ Control other CASAMBI ecosystem devices.
- \_ Control VLINCA VBD (driver) and VBU (bridge) devices.
- \_ Rotary for dimming up(clockwise) and down(counter-clockwise).
- \_ 4 Preset buttons configurable for Individual luminaire, scenes, groups, or all luminaires control.

## Specification parameters

Power supply mode	<ul style="list-style-type: none"> <li>• Lithium Battery powered</li> <li>• Chargeable</li> </ul>
Battery	<ul style="list-style-type: none"> <li>• Capacity: 600mAh</li> <li>• Type: Lithium-ion, 3.7V</li> <li>• Charge: Type-C PD (5V)</li> </ul>
Operating conditions	<ul style="list-style-type: none"> <li>• Operating temperature: 0°C ~ +40°C</li> <li>• Storage temperature: -25°C ~ +50°C</li> <li>• Max relative humidity: 0~65%, non - cond.</li> </ul>
Radio Transceiver	<ul style="list-style-type: none"> <li>• Operating frequencies: 2.402...2.480 GHZ</li> <li>• Maximum output power: +7 dBm</li> <li>• Wireless range, in open air 50 m</li> </ul>
Physical parameter	<ul style="list-style-type: none"> <li>• Dimensions: Ø65 x23mm</li> <li>• Weight: 202g</li> <li>• Degree of protection: IP20 (indoor use only)</li> <li>• Color: <ul style="list-style-type: none"> <li>LG (Light Gold)</li> <li>BS (Brushed Stainless Steel)</li> <li>BC (Bright Chromium)</li> </ul> </li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• RCM</li> </ul>
Life time	<ul style="list-style-type: none"> <li>• 5 years</li> </ul>

## Panel structure introduction

- \_ The preset button from 1 to 4 can be configured for Individual luminaire, scenes, groups, or all luminaires control.
- \_ Dim up or dim down the device by the Dim up/down knob rotary clockwise or counter-clockwise.
- \_ The led indicator indicates what current status the device is in.



## Product style



Style 1



Style 2

## LED indications

### On LED indicator:

**Red:** when charging.

**Off:** no operation in 3 seconds.

**Green:** when charging complete.

**Yellow flash fast:** in operation – Battery low.

**Blue flash per 1 second:** when it is in pairing mode.

### On preset button:

**Off:** no operation in 3 seconds.

**Blue:** when rotary, the last pressed preset button.

## Forced sleep mode

No lights display on all keys, only preset button 1 flashes when pressed, this means the device is in forced sleep mode.

### Exit from forced sleep mode:

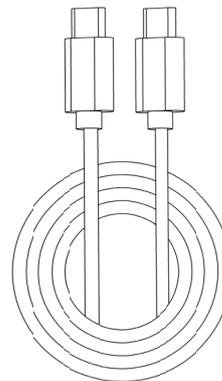
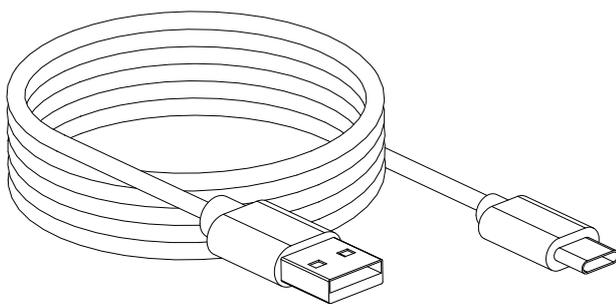
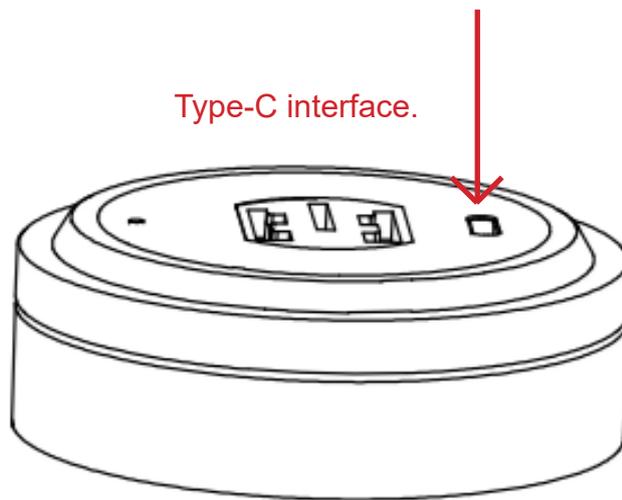
In order to reduce power consumption during transportation, the device is placed into forced sleep mode. Long press on the preset button 1 until blue lights flashes, the device successfully exit from forced sleep mode and can worked normally.

### Enter into forced sleep mode:

The device is allowed to enter forced sleep mode only if it is unpaired, not in pairing mode, or not in charging state. Long press on the preset button 1 until blue lights flashes, the device successfully enter into forced sleep mode.

## Charge guide

When the device is low battery, charging it timely. Charging it by 5V charger with Type-C interface.



**ATTENTION:**  
5V charger (PD compliant)

## Installation

The knob remote controller can be mounted on the base(a standard accessory included with the product).



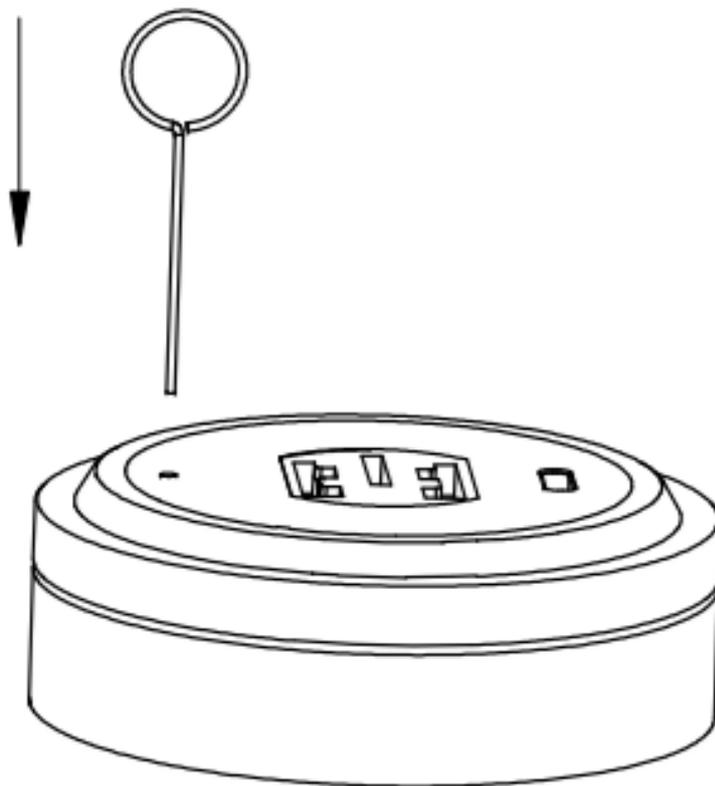
## Pair VBA-RCS4

### 1 Set the device in “pairing mode”

With a needle, press and hold the button in the small hole at the back of the device as Picture 1 for 3 seconds then release, the led indicator will flash, it indicates the device is in “Pairing mode”.

Now VBA- RCS4 will appear in nearby device.

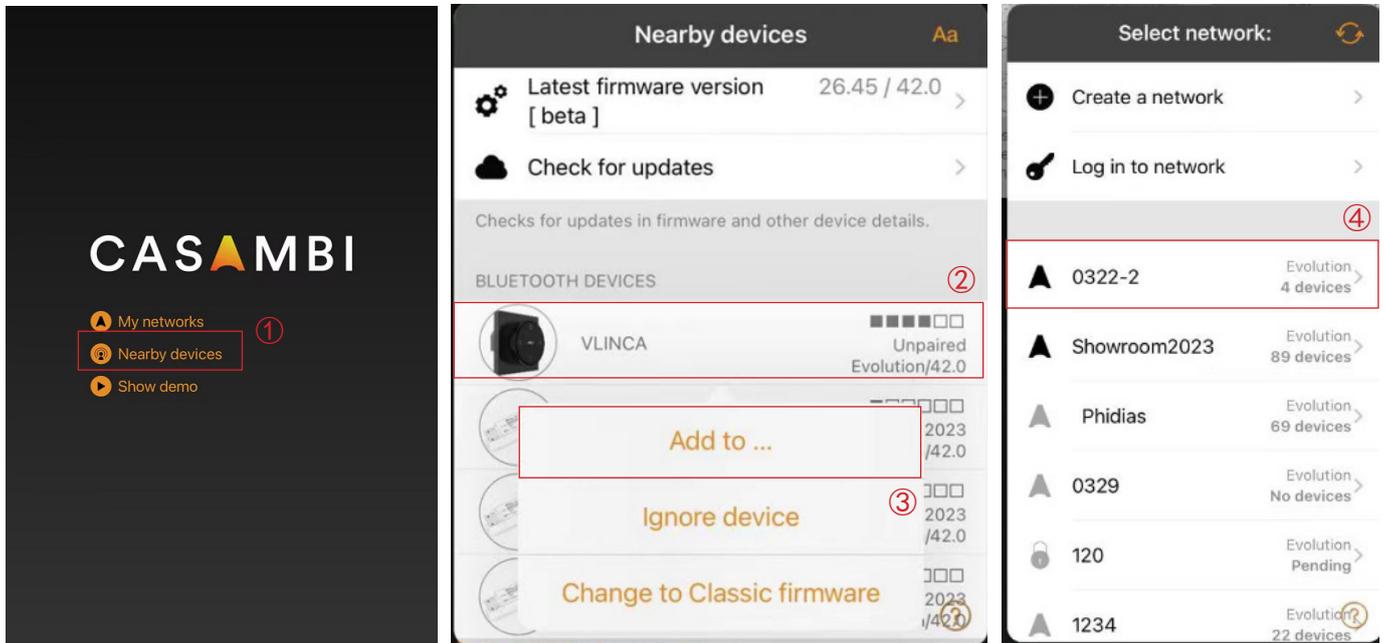
Step 1



Picture 1

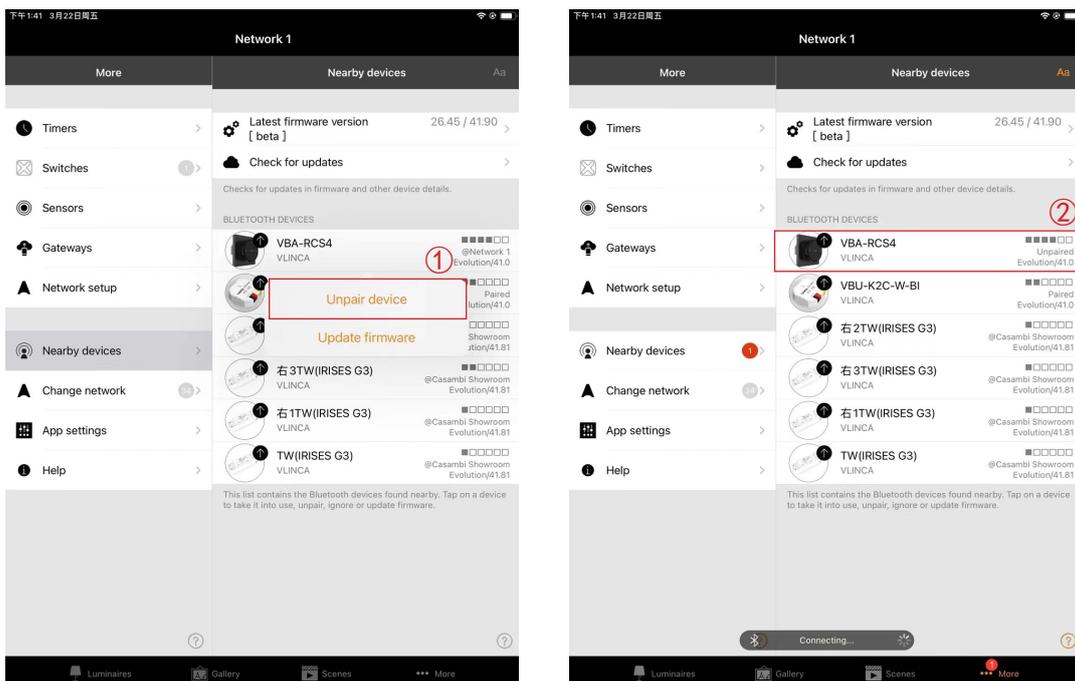
## 2 Pair the device into network

Long press on the VBA-RCS4 icon. If it is unpaired, add it to network (as in Picture 2).



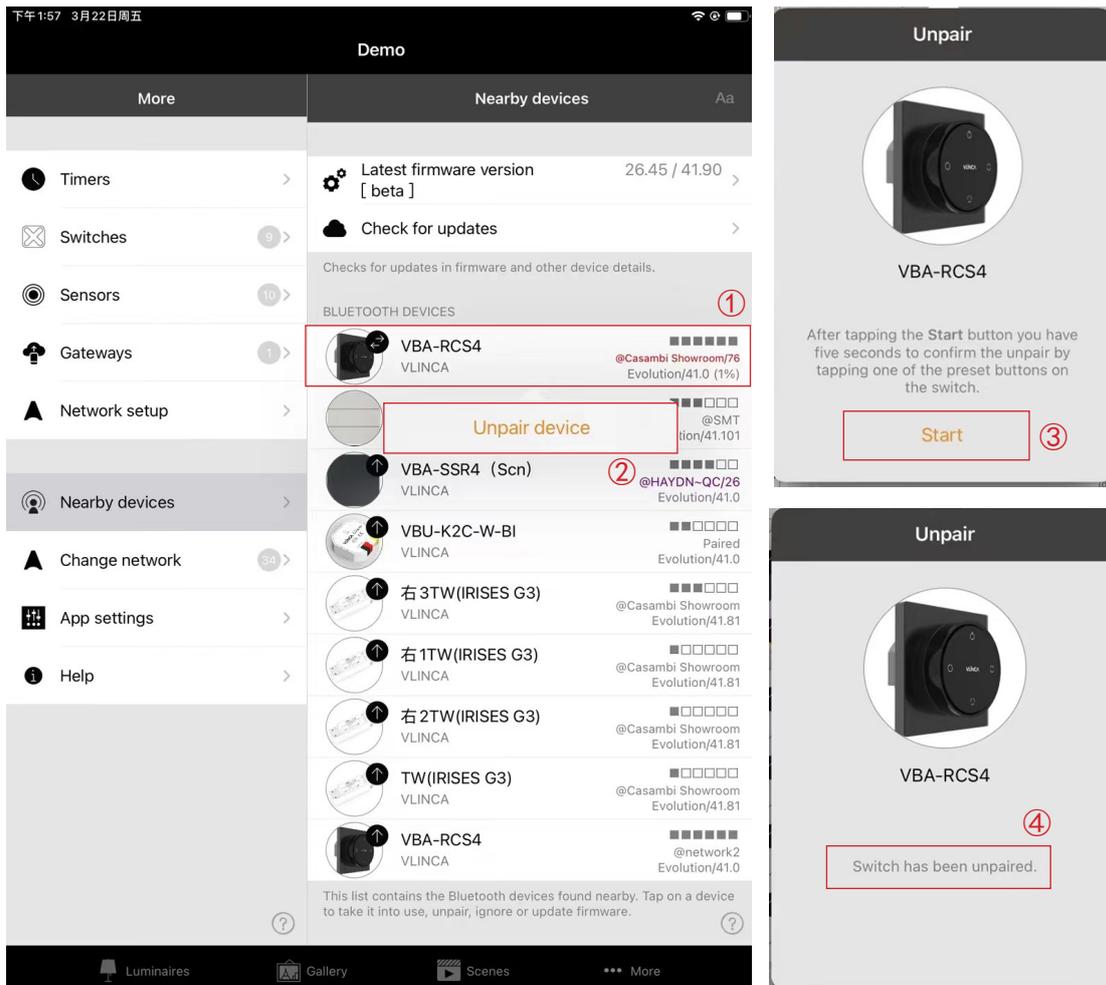
Picture 2

If it is paired in this APP but other network, click “Unpair device” in the app, then unpaired success (as in Picture 3).



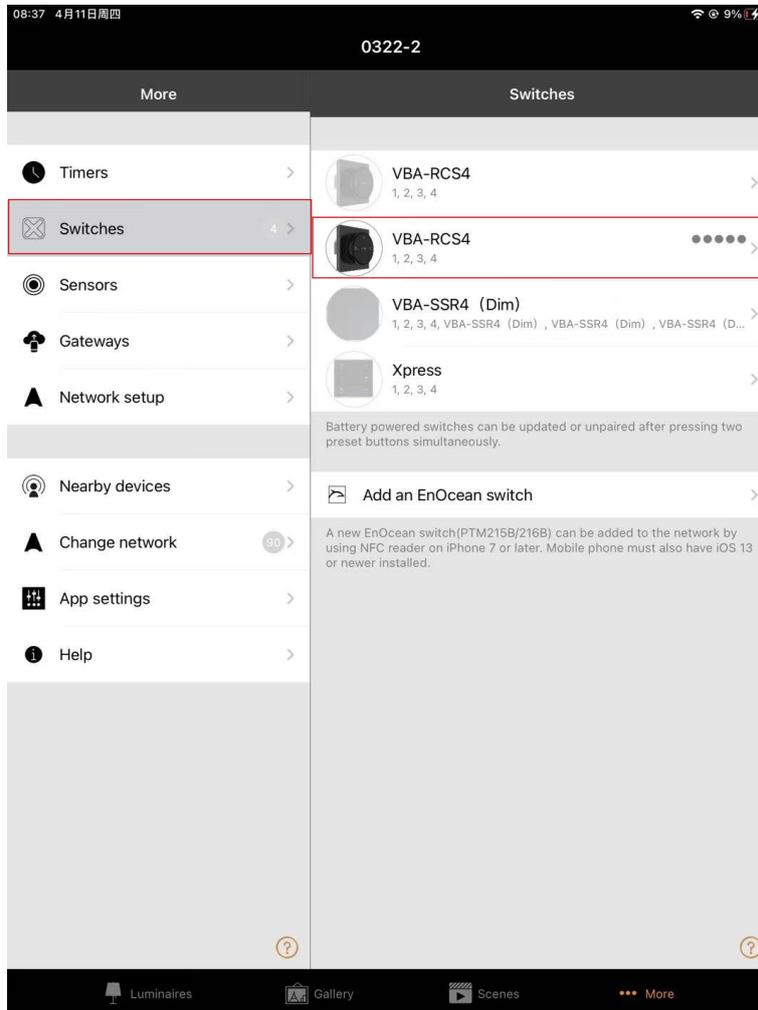
Picture 3

If it is paired by the other APP device, click “Unpair device”→”Start” in the app. When the progress bar appears, press and hold the button in the small hole at the back of the device as figure 1 once, then unpaired success (as in Picture 4).



Picture 4

Add the device to the desired network (Evolution Only).  
 The device will now be visible in the Switches tab (as in Picture 5).



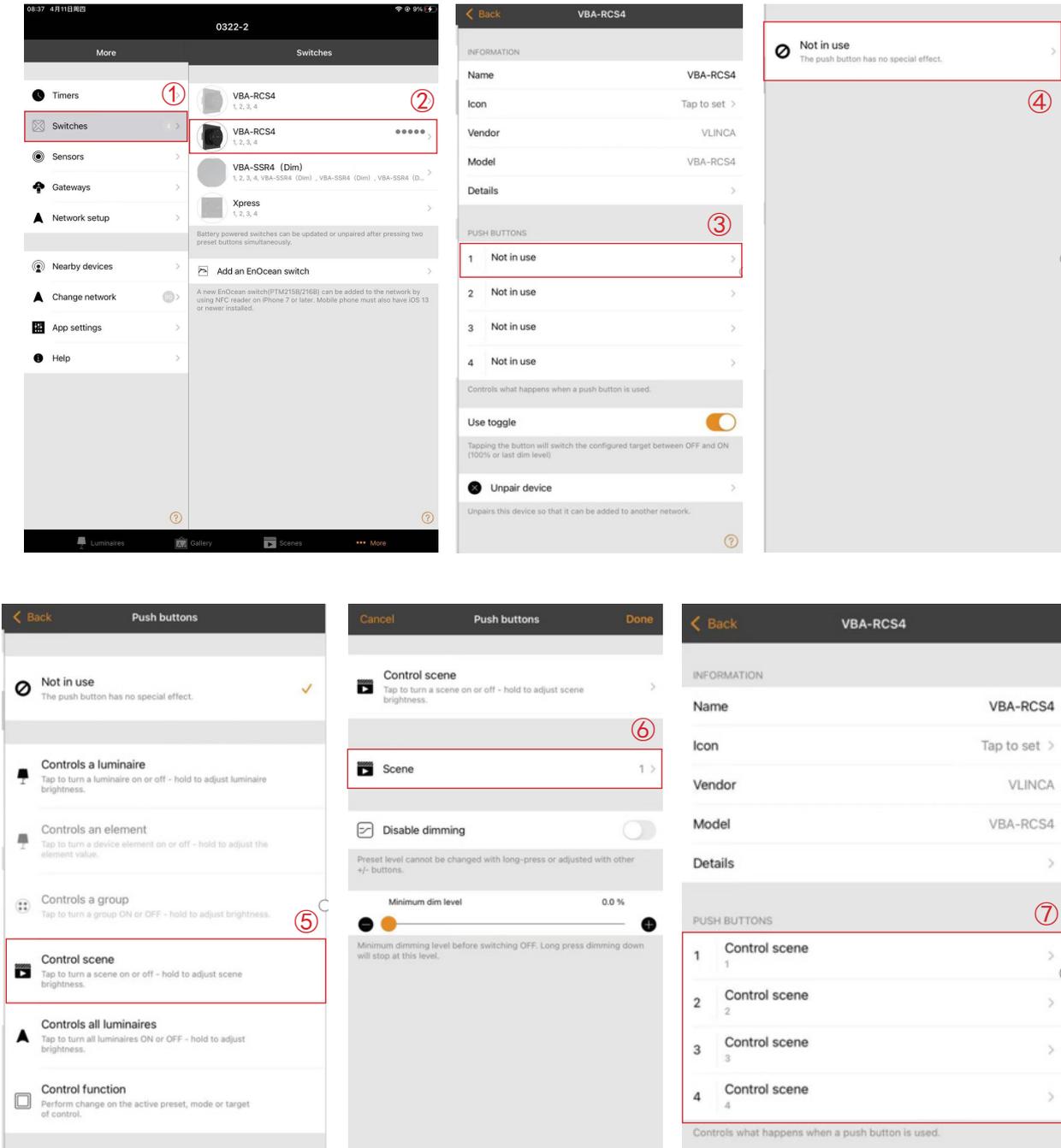
Picture 5

### 3 Set the device quit from “pairing mode”

After paired, press and hold the small hole as figure 1 again for another 3 seconds, the led indicator will be off and the device quit from “Pairing mode” and enter “Working mode”.

## Configure VBA-RCS4

Select the push buttons of VBA-RCS4 to configure. Configure the button to control a luminaire, a group, scene, or all luminaires (as in Picture 6).



Picture 6

