Instruction Manual

UNWIRED
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Unwired Connect
is all about how we help

bolt
limited
matched
faltering

possibilities & performance
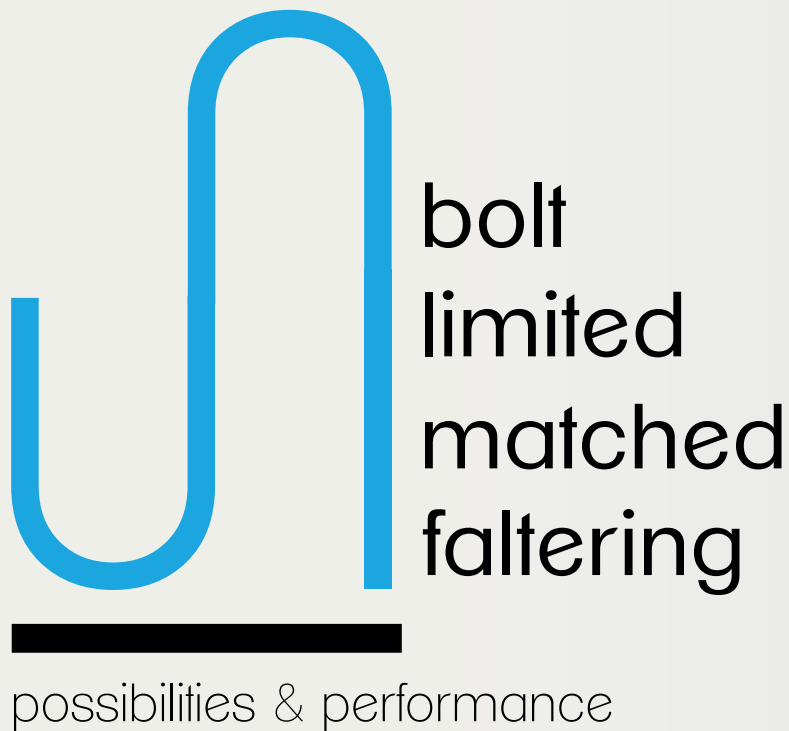
Unwired Connect (UWC) is here to *unbolt* superior products and solutions based on cutting-edge R&D bolstered on IoT focused technology. The next level of digital transformation across varied domains is here to bring unlimited opportunities waiting to be seized, which is possible with a powerful backend support and product team that is cognizant of dynamic information that drives these changes- That is who we are! We have *unmatched* end-market experience, technical & design capabilities, manufacturing know-how, and global supply chain & product management expertise that enables us to deliver superior outcomes. We design and develop *unfaltering* products that speak directly and earnestly with consumers and help solve their real problems. The way we see it…a reliable product does what it should do, each time you use it. Unbolt unlimited, unmatched, and unfaltering possibilities and performance with UWC

Unwired Connect

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SMART DRIVERS 6-12W/6-15W/9-24W/24-36W/24-40W

A. CONNECTION GUIDELINES

1. Select the required current for your luminary using the DIP switch on the driver.
2. Connect the luminary to the output and 230V/50Hz mains power to the input as shown in the wiring diagram.

B. PAIRING GUIDELINES

FOR WIFI

1. Ensure WiFi (2.4G only) is turned on and the phone is connected to the same network to which the device is to be connected.
2. Launch the Smart Life app.
3. Tap the ⊕ icon on top right corner of the screen and select [⊡ Add Device]
4. Power on the Driver. The luminaire will indicate pairing mode by flashing (1 channel: flashing, 2 channel: flashing on Cool White channel).
5. If this is not the first time pairing the device/if device does not enter pairing mode, power OFF –> ON the device 5 times to enter pairing mode (luminaire flashing).
6. The device will be detected by the Smart Life App. Tap on [Add]
8. Enter the WiFi SSID/Password when prompted.
9. Once it has paired successfully, the device names can be edited from the ✎ icon.
10. When completed, tap [Done] on the top right corner.

FOR SIGMESH

1. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi and/or Mobile data.
2. Launch the Smart Life app.
3. Tap the ⊕ icon on top right corner of the screen and select [⊡ Add Device]
4. Power on the Driver. The luminaire will indicate pairing mode by flashing (1 channel: flashing, 2 channel: flashing on Cool White channel).
5. If this is not the first time pairing the device/if device does not enter pairing mode, power OFF –> ON the device 5 times to enter pairing mode (luminaire flashing).
6. The device will be detected by the Smart Life App. Tap on [Add]
7. Tap on the ⊕ icon.
8. Once it has paired successfully, the device names can be edited from the ✎ icon.
9. When completed, tap [Done] on the top right corner.

FOR ZIGBEE

1. A Zigbee device can only be paired through a Zigbee Gateway or a Multimode Gateway. Ensure the required gateway is paired before beginning to add devices.
2. Ensure that the Wifi network to which the gateway is connected is available. Ensure the phone is connected to the internet using Wifi and/or Mobile data.
3. Launch the Smart Life app.
4. Go to the device panel for the gateway. In case of a Multimode gateway, go to the [Zigbee devices] tab.
5. Power on the Driver. The luminaire will indicate pairing mode by flashing (1 channel: flashing, 2 channel: flashing on Cool White channel).
6. If this is not the first time pairing the device/if device does not enter pairing mode, power OFF –> ON the device 5 times to enter pairing mode (luminaire flashing).
7. Select [Add Device] at the bottom of the page. The gateway will automatically detect and add all Zigbee devices within its range that are in pairing mode.
8. Tap [Done] at the bottom of the screen.
9. Once it has paired successfully, the device names can be edited from the ✎ icon.
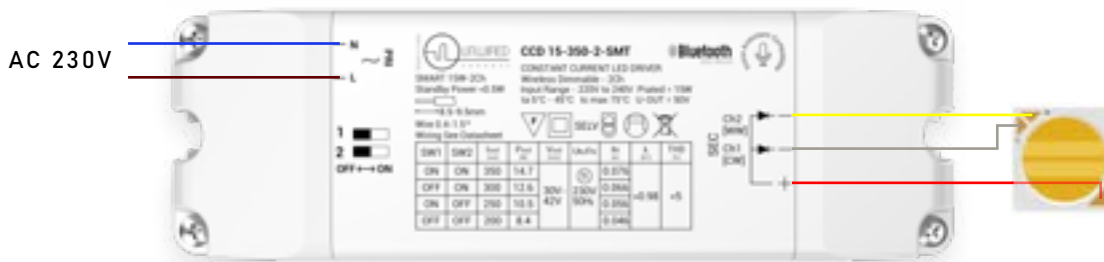10. When completed, tap [Done] at the bottom of the screen.

CAUTION

DO NOT PLACE THE DRIVER IN/BEHIND A METAL CASING AS THIS WILL IMPEDE WIRELESS COMMUNICATION

Wiring diagram for 6-12W

AC 230V

AC 230V

Wiring diagram for 6-15W

AC 230V

AC 230V

Wiring diagram for 9–24W

AC 230V

AC 230V

Wiring diagram for 24–36W

AC 230V

AC 230V

Strip Light Controllers

A. CONNECTION GUIDELINES

1. Connect the strip light to the controller using the connector provided
2. Connect the controller to a 12Vdc or 24Vdc constant voltage power supply as required by the strip light using a DC male connector or wires.

B. PAIRING GUIDELINES

FOR WIFI

1. Ensure WiFi (2.4G only) is turned on and the phone is connected to the same network to which the device is to be connected.
2. Launch the Smart Life app.
3. Tap the ⊕ icon on top right corner of the screen and select ⎁ Add Device
4. Power on the Strip Light Controller. The strip light will enter pairing mode as indicated by the breathing on white/red channel
5. If this is not the first time pairing the device/if device does not enter pairing mode, press and hold the set button for 5 seconds till it enters pairing mode (strip light breathing)
6. The device will be detected by the Smart Life App. Tap on Add
8. Enter the WiFi SSID/Password when prompted.
9. Once it has paired successfully, the device names can be edited from the ✎ icon.
10. When completed, tap Done on the top right corner.

FOR SIGMESH

1. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi and/or Mobile data.
2. Launch the Smart Life app.
3. Tap the ⊕ icon on top right corner of the screen and select ⎁ Add Device
4. Power on the Strip Light Controller. The strip light will enter pairing mode as indicated by the breathing on white/red channel
5. If this is not the first time pairing the device/if device does not enter pairing mode, press and hold the set button for 5 seconds till it enters pairing mode (strip light breathing)
6. The device will be detected by the Smart Life App. Tap on Add
7. Tap on the ⊕ icon.
8. Once it has paired successfully, the device names can be edited from the ✎ icon.
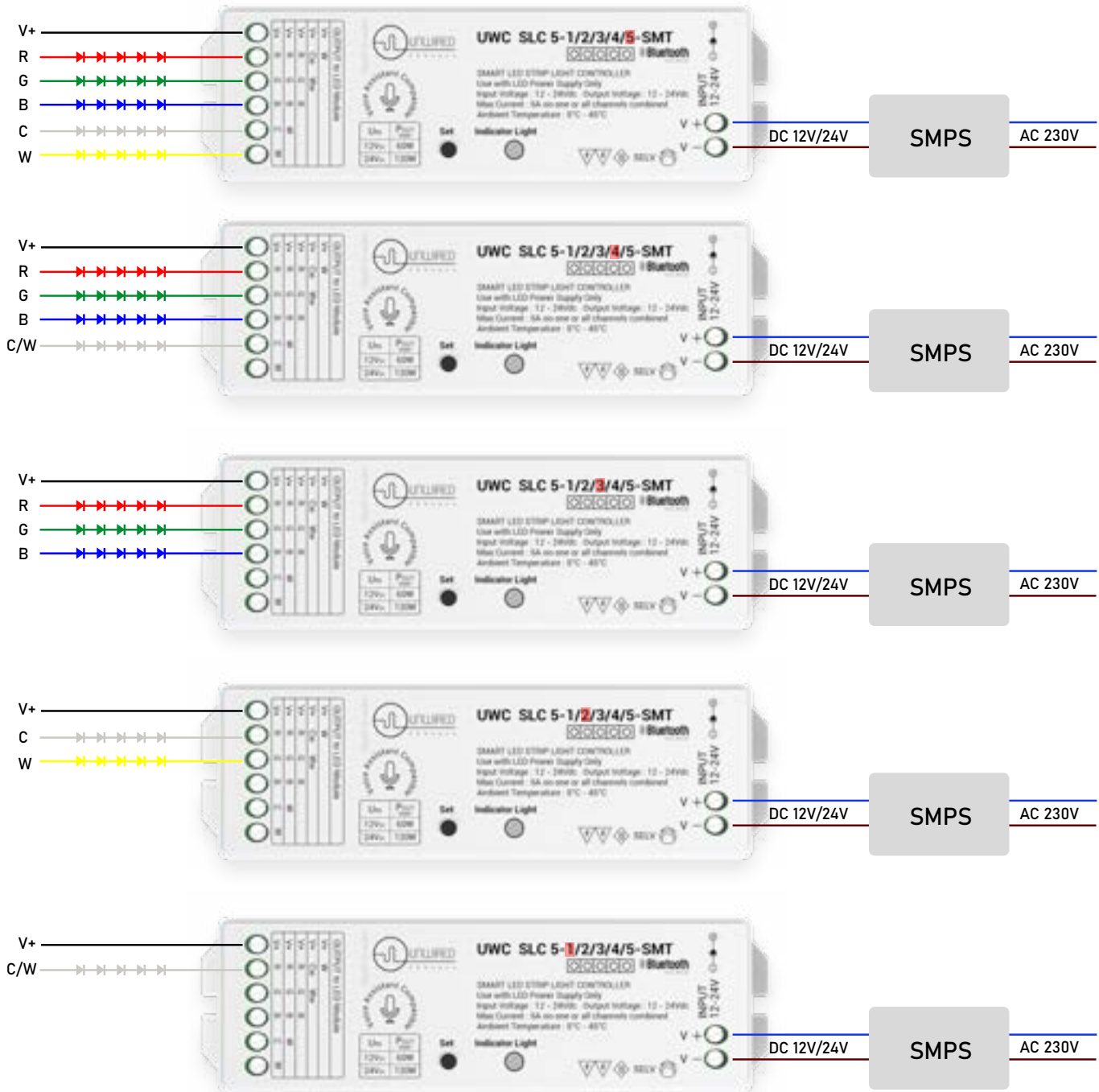9. When completed, tap Done on the top right corner.

FOR ZIGBEE

1. A Zigbee device can only be paired through a Zigbee Gateway or a Multimode Gateway. Ensure the required gateway is paired before beginning to add devices.
2. Ensure that the Wifi network to which the gateway is connected is available. Ensure the phone is connected to the internet using Wifi and/or Mobile data.
3. Launch the Smart Life app.
4. Go to the device panel for the gateway. In case of a Multimode gateway, go to the Zigbee devices tab.
5. Power on the Strip Light Controller. The strip light will enter pairing mode as indicated by the breathing on white/red channel
6. If this is not the first time pairing the device/if device does not enter pairing mode, press and hold the set button for 5 seconds till it enters pairing mode (strip light breathing)
7. Select Add Device at the bottom of the page. The gateway will automatically detect and add all Zigbee devices within its range that are in pairing mode.
8. Tap Done at the bottom of the screen.
9. Once it has paired successfully, the device names can be edited from the ✎ icon.
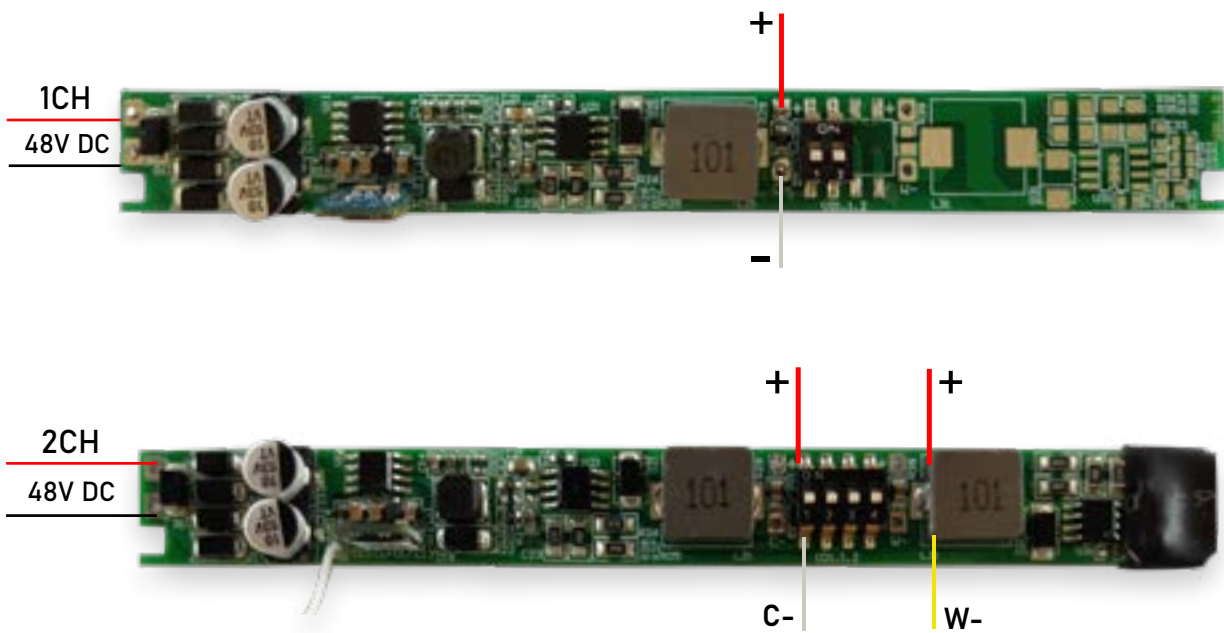10. When completed, tap Done at the bottom of the screen.

CAUTION

DO NOT PLACE THE CONTROLLER IN/BEHIND A METAL CASING AS THIS WILL IMPEDE WIRELESS COMMUNICATION

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Wiring diagram for STRIP LIGHT CONTROLLER 5A/10A

V+
R
G
B
C
W

UWC SLC 5-1/2/3/4/5-SMT Bluetooth

DC 12V/24V — SMPS — AC 230V

V+
R
G
B
C/W

UWC SLC 5-1/2/3/4/5-SMT Bluetooth

DC 12V/24V — SMPS — AC 230V

V+
R
G
B

UWC SLC 5-1/2/3/4/5-SMT Bluetooth

DC 12V/24V — SMPS — AC 230V

V+
C
W

UWC SLC 5-1/2/3/4/5-SMT Bluetooth

DC 12V/24V — SMPS — AC 230V

V+
C/W

UWC SLC 5-1/2/3/4/5-SMT Bluetooth

DC 12V/24V — SMPS — AC 230V

Note: The DC voltage of the strip should match with the output of SMPS

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1CH
48V DC

+

−

2CH
48V DC

+

+

C−

W−

MAGTRACK drivers

A. CONNECTION GUIDELINES
1. Select the required current for your luminary using the DIP switch on the driver.
2. Connect the input(48V DC) and output(luminary) according to the wiring diagram.

B. PAIRING GUIDELINES

FOR SIGMESH

1. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi and/or Mobile data.
2. Launch the Smart Life app.
3. Tap the ⊕ icon on top right corner of the screen and select [Add Device]
4. Power on the track. The luminaire will indicate pairing mode by flashing (1 channel: flashing, 2 channel: flashing on Cool White channel).
5. If this is not the first time pairing the device/if device does not enter pairing mode, power OFF –> ON the device 5 times to enter pairing mode (luminaire flashing).
6. The device will be detected by the Smart Life App. Tap on [Add]
7. Tap on the ⊕ icon.
8. Once it has paired successfully, the device names can be edited from the ✎ icon.
9. When completed, tap [Done] on the top right corner.

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Unwired Connect
installation instructions

POWER ON

DIMMING PRESET

DIMMING

NIGHT LIGHT

POWER OFF

COLOR TEMPERATURE PRESET

PRESET SCENES

COLOR TEMPERATURE
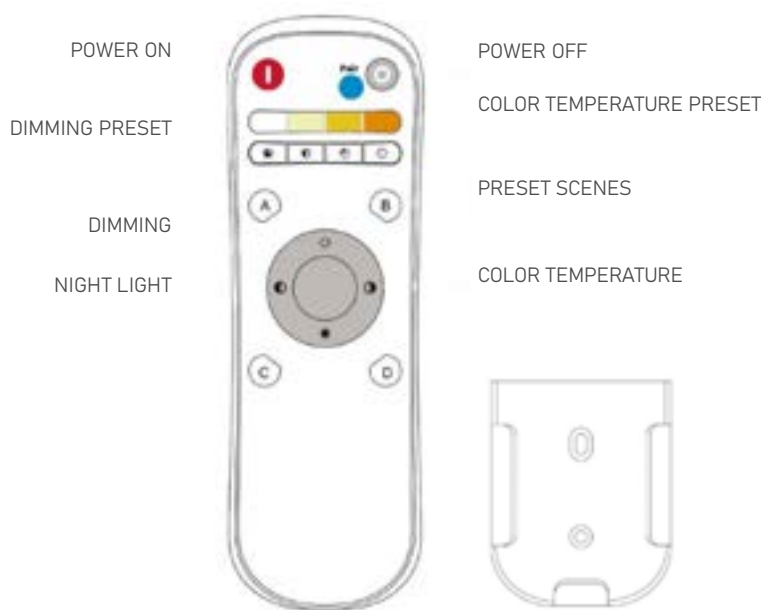
BLUETOOTH REMOTE for Tunable White LED Lights

POWER ON

DIMMING PRESET

PRESETS SCENES

RGB CONTROL

POWER OFF

COLOR TEMPERATURE

PRESET

RGB DIMMING

RGB PRESETS

BLUETOOTH REMOTE for Tunable White & RGB LED Lights

A. OPERATING INSTRUCTIONS
Lift the back plate and insert 2 AAA batteries

B. PAIRING GUIDELINES

CONFIGURING THE BLUETOOTH REMOTE WITH THE APP

1. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi (2.4G only) and/or Mobile data

2. Launch the Smart Life app

3. Tap the ⊕ icon on top right corner of the screen and select ⏻ Add Device

4. Long press the "PAIR 🔵" button of the remote for 5 seconds. The Smart Control Switch will enter pairing mode as indicated by the LED flashing

5. The device will be detected by the Smart Life App. Tap on Add

6. Tap on the ⊕ icon.

7. Once the device has paired successfully, tap Done on the top right corner

ADDING AND REMOVING DEVICES TO BE CONTROLLED BY THE BLUETOOTH REMOTE

1. Launch the Bluetooth remote panel from the Smart Life App

2. Tap 'Configure Group A'

3. The devices available to bind with the Smart Control Switch will be listed
Tap ⊕ to add to Bluetooth remote group
Tap ⊖ to remove from Bluetooth remote group
⊕ indicates device offline, can be added once online

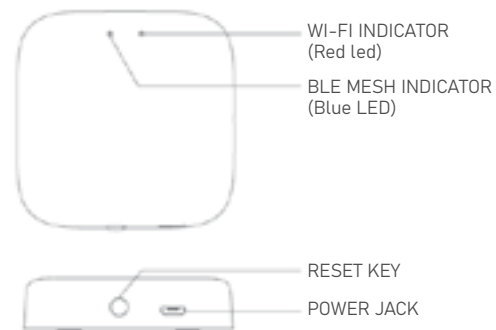## C. USING BLUETOOTH REMOTE WITHOUT APP

PAIRING

Turn off the power of the light and then turn on the lighting within 10 seconds. Long press the "🔴" button until the light blinks 3 times.

UNPAIRING

Turn off power switch, then turn on the light within 10 seconds, long press the "◎" button until the light blinks 3 times.

NOTE
1. UWC recommends max 40 devices/remote for smooth operation. 2. Each driver/controller can be paired with max 8 remotes.
3. Please use the latest version of the Smart Life App downloaded from Play Store for Android devices and App Store for Apple devices.

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WI-FI INDICATOR
(Red led)

BLE MESH INDICATOR
(Blue LED)

RESET KEY

POWER JACK

Representative image

GATEWAY BLUETOOTH SIG Mesh

UWC GTW SMT is a smart gateway built on BLE SIG Mesh, 2.4G Wi-Fi wireless technology. Configurable on the Smart Life App, the gateway is the link between third party protocols like Alexa/Google Home and Unwired Connect's SigMesh Tuya based products.

A. OPERATING INSTRUCTIONS
Power On the Gateway using a 5V/1A USB adapter.

B. PAIRING GUIDELINES

CONFIGURING THE GATEWAY WITH THE APP
1. Ensure WiFi (2.4G only) is turned on and the phone is connected to the same network to which the Gateway is to be connected
2. Launch the Smart Life app
3. Tap the ⊕ icon on top right corner of the screen and select `Add Device`
4. If the gateway has not been previously paired/is un-paired, the blue LED will start flashing to indicate that the Gateway is in pairing mode.
5. If the Gateway is previously paired, to reset long press the Reset key for about 7 seconds till the Gateway enters pairing mode as indicated by the blue LED flashing.
6. The device will be detected by the Smart Life App. Tap on `Add`
7. Tap on the ⊕ icon.
8. Enter the WiFi SSID/Password when prompted. Once it has paired successfully, tap on `Done` on the top right corner

ADDING EXISTING DEVICES TO THE GATEWAY
1. Launch the Gateway panel from the Smart Life App
2. Tap on + Add Device at the bottom of the page and select 'Add Existing'
3. Select the devices to be added (indicated by ✔)
4. Tap on "Confirm" on the top right corner of the page
5. In the dialogue box that pops up, select "Connect Now"
6. Wait for the progress bar to complete and tap on finish.

PAIRING NEW DEVICES TO THE GATEWAY
1. Turn on the devices to be paired and ensure they are in pairing mode.
2. Launch the Gateway panel from the Smart Life App
3. Tap on + Add Device at the bottom of the page and select 'Search for devices'
4. Tap on `Light is in a flash`
5. The devices which are in pairing mode will automatically be paired and added to the Gateway in a few moments. Tap `Done`
4. Tap on `Done` on the top right corner

REMOVING NEW DEVICES FROM THE GATEWAY
1. Launch the Gateway panel from the Smart Life App
2. Tap on '···' on the top right corner of the device tile and select Unbind Gateway.
3. Tap on Confirm

CAUTION
Do not place the Gateway in/behind a metal casing as this will impede wireless communication
Ensure the Gateway is within range of all devices which are added to it

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Smart Control Switch

A. OPERATING INSTRUCTIONS
Lift the back plate with a flat screwdriver and insert 2 CR2032 batteries

B. PAIRING GUIDELINES

CONFIGURING THE SMART CONTROL SWITCH WITH THE APP

1. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi (2.4G only) and/or Mobile data

2. Launch the Smart Life app

3. Tap the ⊕ icon on top right corner of the screen and select [Add Device]

4. Press and hold the 'ON' and 'OFF' buttons at the same time for over 5 seconds. The Smart Control Switch will enter pairing mode as indicated by the LED flashing

5. The device will be detected by the Smart Life App. Tap on [Add]

6. Tap on the ⊕ icon.

7. Once the device has paired successfully, tap [Done] on the top right corner

ADDING AND REMOVING DEVICES TO BE CONTROLLED BY THE SMART CONTROL SWITCH

1. Launch the Smart Control Switch panel from the Smart Life App

2. Tap 'Configure Group A'

3. The devices available to bind with the Smart Control Switch will be listed

Tap ⊕ to add to Smart Control Switch group

Tap ⊖ to remove from Smart Control Switch group

⊕ indicates device offline, can be added once online

CAUTION
Do not place the smart control switch in/behind a metal casing as this will impede wireless communication

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NET–KEY

Scene Switch

A. OPERATING INSTRUCTIONS
Lift the back plate with a flat screwdriver and insert 1 CR2032 battery

B. PAIRING GUIDELINES

CONFIGURING THE SCENE SWITCH WITH THE APP
SCENE SWITCH

1. The Scene Switch must be paired with a Sigmesh Gateway or Multimode Gateway.
2. Ensure Bluetooth is turned on and the phone is connected to the internet using WiFi and/or Mobile data.
3. Launch the Smart Life app
4. Lift the back plate with a flat screw driver. Long press the yellow button (Net–Key) to enter pairing mode indicated by all LEDs flashing.
5. Launch the Gateway panel from the Smart Life app
6. Tap on + Add Device at the bottom of the page and select "Search for devices"
6. Tap on Light is in a flash
8. The Scene Switch will automatically be paired and added to the Gateway. Tap on Done
9. Once it has paired successfully, the device names can be edited from the ✎ icon.
10. When completed, tap Done on the top right corner.

ADDING SCENES AND AUTOMATIONS TO BE EXECUTED BY THE SCENE SWITCH

1. Launch the Scene Switch panel from the Smart Life App
2. Select 'Button 1' 'Button 2' or 'Button 3' to configure each one respectively
3. Tap on Add Intelligence on the bottom of the screen
4. Tap on the ⊕ icon to the right of 'When condition is met' and select 'single click' 'double click' or 'long press'. One scene can be configured per condition per switch
5. Tap on the ⊕ icon to the right of 'Task'
   a. Select 'Launch Tap to Run' to execute a Tap to Run Automation that has been configured in the Scenes section of the Smart Life app.
      Select the required automations (indicated by ✓).
      Tap on Next on the top right corner.
   b. Select 'Device' to choose a device or group to execute a specific function. Choose the function in the following screen (Eg: On/Off, Mode, Brightness, Color Temp) and tap on 'Next' on the top right corner.
   c. Multiple Tap to Run automations and Device/Group functions can be configured simultaneously on a single condition
6. Tap on 'Edit Name' on top left corner on the image and provide a name to the scene
7. Tap on 'Save' on the top right corner of the screen

CAUTION
DO NOT PLACE THE SCENE SWITCH IN/BEHIND A METAL CASING AS THIS WILL IMPEDE WIRELESS COMMUNICATION

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