GLEDOPTO

ZIGBEE CONTROLLER PRO
User Instruction

Features:

Gateways/hubs Gledopto zigbee products Directly work with:

HUE,Amazon echo plus, smartthings,Osram lightify,Homee etc

Via Hue gateway, can work with google home, all other alexa devices

Apps work with Hue gateway:

Hue,hueparty,hue Disco,iConnectHue,Hue Widget,Light DJ,etc

Work with Home Assistant:

https://www.reddit.com/r/Gledopto/com-
ments/ad9mbh/how_to_use_home_assistantha_to_control_gledopto/

Work with Homekit ：(Not directly)

https://www.reddit.com/r/Gledopto/com-
ments/amp3v9/i_wrote_a_little_guide_on_getting_the_gledopto/

Sync effect with screenbloom:

Sync your lights with movies ,music, and games,Enjoy the lighting effect which synchronizes with the plot of the picture immediately,and experience the more delicate atmosphere lighting effect.

How to sync?

Gledopto HDMI SYNC Box

Please follow this website： http://www.screenbloom.com/

Sync Show Demo： https://youtu.be/zZjtJMy_774

Q&A or more info, please go to: www.gledopto.com or email to sales@gledopto.com, or
https://www.reddit.com/r/Gledopto/ (Not official)

In this manual we will explain the connection of wires and the connection with a ZigBee Light Link Gateway.

These devices works with many ZigBee Light Link Gateways* like Philips Hue, Amazon Echo Plus or SmartThings.

Wire Connection:
1. Please prepare the cable like picture P1 and strip the isolation to 9-10 mm. The cable cross-section must be between 0,33 and 2,08mm²(AWG22-14).
2. Now push down the terminal with a screwdriver and put in the cable, see picture P2.
3. Take the screwdriver away and the cable is connected with the terminal.

On picture P3 you can see examples for the connection of different LED controllers:
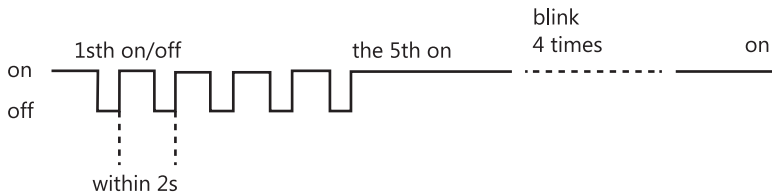- P3 for RGBW/RGBWW products
- P4 for RGB products, use a RGBW controller and don't connect the wire W
- P5 for single color LED product, use a RGBW controller and don't connect the wire R, G, B
- P6 for RGB+CCT(warmwhite+coldwhite) products
- P7 for CCT(warmwhite+coldwhite) products

Connection with Gateway:
1. Connect the LED product to the controller see section "wire connection".
2. Start the device searching on the ZigBee Light Link/ZigBee 3.0 Gateway, it could take some time. If the Gateway does not find the device, plug power off/on or make a reset.
3. The Gateway found your device and you can assign it to the different rooms/zones/groups.
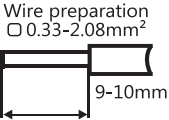4. Now you can use the device.

Reset:
1. Switch on your device.
2. Now switch off and on within 2 seconds.
3. Repeat off/on four times.
4. Reset is done when the device is switched on in the fifth time and the light stays on after blinking 4 times.
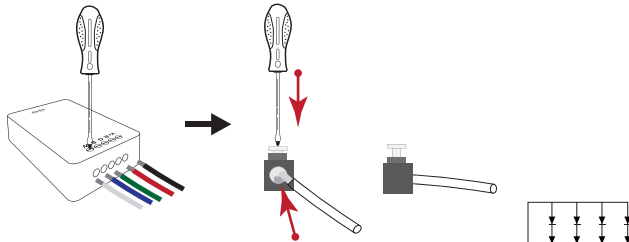

Please check the Compability Chart showing what gateways and how our produts work with,this chart just shows the gateways we test, we will keep updating it . Welcome to check with our sales and website.
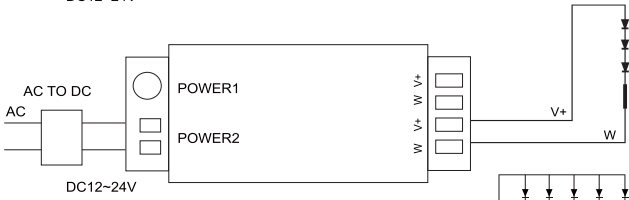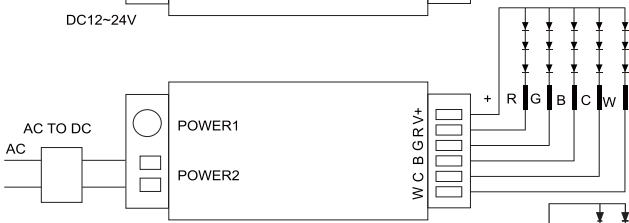
P1

Wire preparation
☐ 0.33-2.08mm²

9-10mm

P2

P3

AC TO DC

AC

POWER1

POWER2

DC12~24V

W B G R V+

+ R G B W

P4

AC TO DC

AC

POWER1

POWER2

DC12~24V

B G R V+

+ R G B

P5

AC TO DC

AC

POWER1

POWER2

DC12~24V

W V+ W V+

V+

W

P6

AC TO DC

AC

POWER1

POWER2

DC12~24V

W C B G R V+

+ R G B C W

P7

AC TO DC
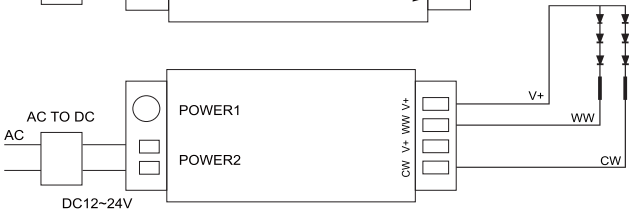
AC
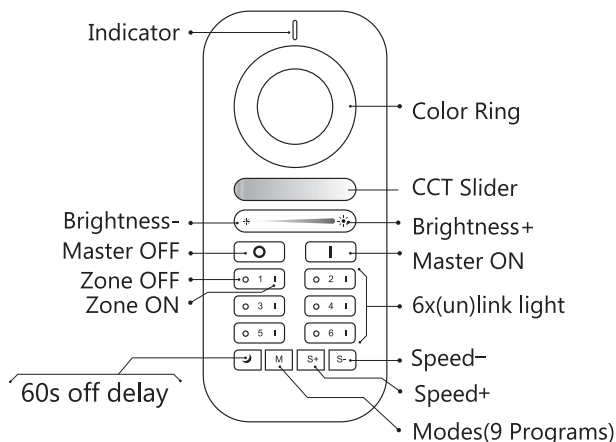
POWER1

POWER2

DC12~24V

CW V+ WW V+

V+

WW

CW

Page 3

RGB+CCT Remote Control (GL-RC-006Z)

This manual describes RGB+CCT remote control used for our RGB+CCT products. Remote control can control the LED lights up to six different Zones,change the color,dim/brighten the lights,warm/cool white,different programs.In this manual, you will learn.

Indicator
Color Ring
CCT Slider
Brightness-
Master OFF
Zone OFF
Zone ON
Brightness+
Master ON
6x(un)link light
60s off delay
Speed–
Speed+
Modes(9 Programs)

How to link & use with remote control

1. Within 3 seconds after power on, click the "on" button of the group to conduct code matching, and the LED light turns green, indicating successful code matching.
2. Long press the "off" button of the remote control to enter the night light mode, and the brightness and color can still be adjusted at this time.
3. long press the small moon key to enter the 60 seconds delay shutdown state.
4. Long press M key to enter automatic mode.

How to unlink

1. If the LED is still connected to the ZigBee gateway, long press the "on" button on the remote control within 3 seconds after power on or press the button for 5 times continuously, the light will flash for 5 times in the current color;

2. If the LED is not connected in the ZIGBEE gateway state, long press the "on" button on the remote control within 3 seconds after power on or press the button for 5 times continuously, then the LED light will be fully bright and flashing for 5 times;

Mode description

Mode 1: Static warm light (warm light alone)

Mode 2: Static white light (cold light and warm light are equally bright)

Mode 3: Static cold light (cold light alone)

Mode 4: Static red light
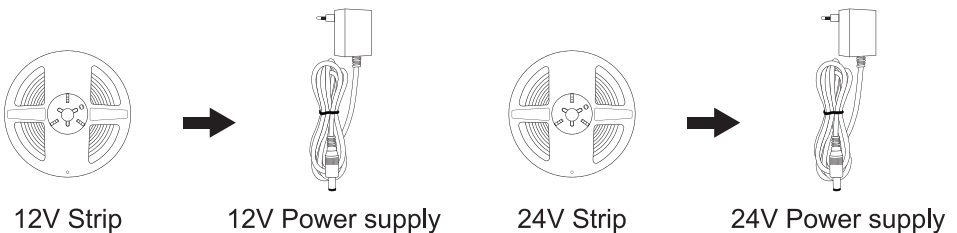
Mode 5: Static green light

Mode 6: Static blue light

Mode 7: RGB fade in fade out (Color fade in fade out from red to green, then to blue, then to red, and so on, speed adjustable.)

Mode 8: RGB flash (Color flash from red to green, then to blue, then to red, and so on, speed adjustable.)

Mode 9: Color breathing (In this mode, the brightness of current color will cycle from from 100%-0%, then from 0%-100%. At the same time, you can switch the color and have a cycle repeatedly. Pressing switch /mode button to exit this mode.)

Attention:

12V Strip   12V Power supply   24V Strip   24V Power supply

When you use LED Strip Light, please use the right LED Power Supply accordingly.

Compability Chart

Gateways / Item	Philips Hue ①	Amazon Echo Plus ②	Smart Things ③	IKEA Tradfri ④	Homee ⑤	Smart Friends ⑥
RGB+CCT	Yes/Ja	Yes/Ja	Yes/Ja	Yes/Ja	Only/nur RGB	Yes/Ja
RGBW	Yes/Ja	Yes/Ja	Yes/Ja	Only/nur RGB	Yes/Ja	Only/nur RGB
CCT	Yes/Ja	Yes/Ja	Yes/Ja	Only Dimmable	einzelfarbe single color	Yes/Ja
Dimmer	Yes/Ja	Yes/Ja	Yes/Ja	Yes/Ja	Yes/Ja	Yes/Ja

✱✱✱
①②are already tested by GLEDOPTO,③④⑤⑥are from our customers, just for your information,not verified by GLEDOPTO

GL-CP-I-002