Zigbee Wireless Receiver (Alexa/Google)

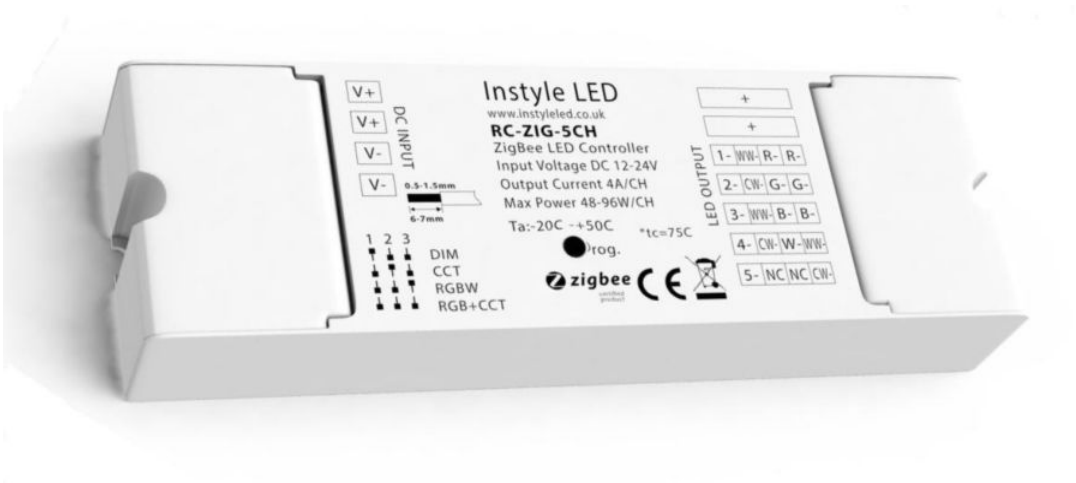
SPECIFICATION SHEET

ZigBee | Alexa | Google Home | 30M Range | 12V 24V | 5 x 4A

POWER SUPPLIES | PROFILES | CONNECTORS | CE | RoHS COMPLIANT | 5 YEAR WARRANTY

■ PRODUCT SPECIFICATION

Connectivity	ZigBee 3.0 protocol
Output Wattage	48 - 96W / Channel
Input / Output Voltage	12V / 24V DC Constant Voltage
Output Current	5 x 4A
Wireless Range	Up to 30 metres
Colour	White
Operation Frequency	2.4GHz
Operatin Temperature	-20℃ ~ +50℃
Relative Humidity	8% to 80%
Warranty	5 years
Certificated	CE + RoHS
Receiver Dimensions (mm)	145 x 46.5 x 16



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▪ PRODUCT DETAILS

Product name	Zigbee Wireless Receiver
Product code	RC-ZB-RGB-5
Description	Zigbee Wireless Receiver (Alexa/Google)

▪ PRODUCT DESCRIPTION

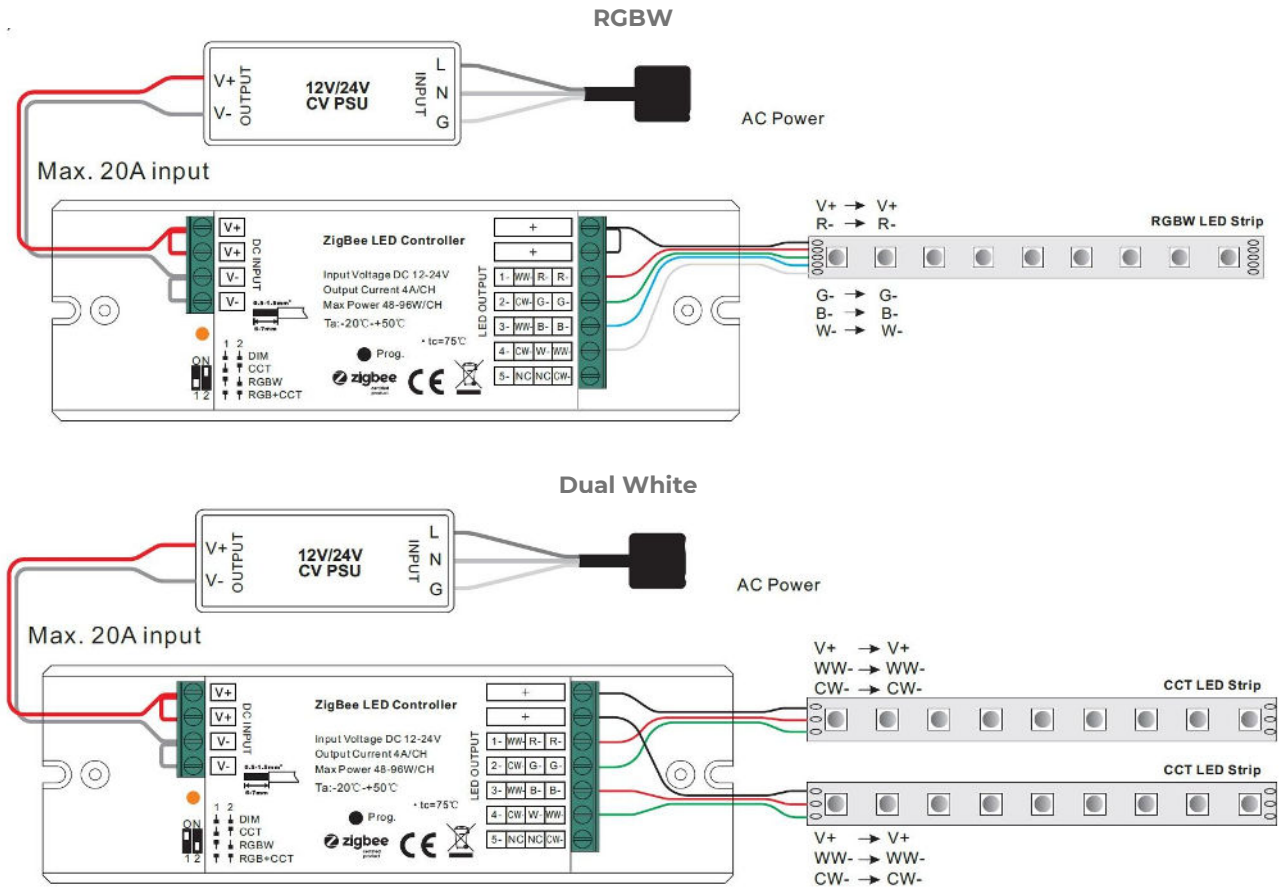
This particular ZIGBEE receiver is a 4 in 1 unit which means that it can be set to single colour, dual colour (CCT), RGB, RGBW and RGB & CCT modes usning the integral dp switches. This makes it an all round unit capable of contorlling various types of lighting by ZIGBEE protocols.
Simply connect the receiver to a 12v or 24v DC supply and connect with your ZIGBEE network controller to control your various LED lighting products from your home automation system.

▪ PRODUCT Features

- Commercial Grade ZigBee LED Receiver
- Uses latest ZIGBEE 3 protocols
- Works up to 30m away from receiver
- Works with all ZIGBEE devices & hubs
- Extends ZIGBEE network
- Can control single colour, dual colour (CCT), RGB, RGBW and RGB & CCT LED
- Can be set to 1, 2, 3, 4 or 5 channel modes
- Works with Alexa / Google Home

▪ Wiring Diagram

The receiver can control up to 240 watts of 12V LED tape, or 480 watts of 24V tape (4A per channel). Allowing for headroom, we recommend that the receiver is used to control up to 20 metres of 24v RGBW high power LED tape (19.2W).



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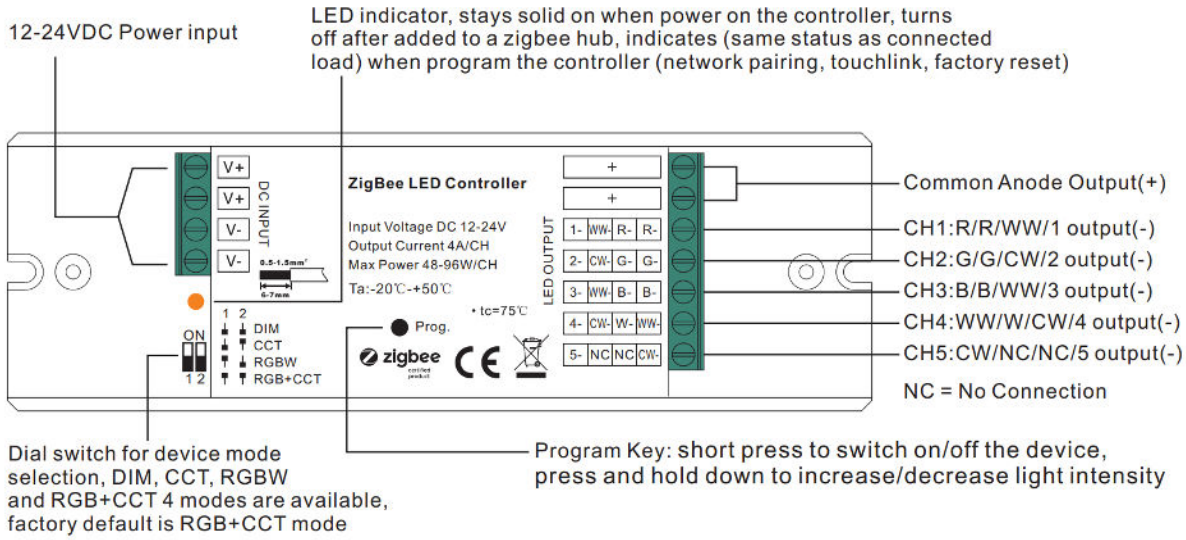
▪ Function Indicator



▪ Compatible Controllers

4 Zone Wall Controller

4 Zone Remote

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▪ Alexa Receiver Set-up (Hue Bridge)

Hue Bridge Instructions (step 1)

1. Install the Hue Bridge Device to your Home Network Hub (aka Router).
2. Download and Install the Philips Hue App (then Login and Setup your Account).
3. Connect your LED Strip Lights to your Zigbee Receiver and Power Supply (Turn on)
4. Open the Philips Hue App, and select “Light Setup” → “Add Light” → “Search”.
5. On your Zigbee Receiver, connected to your LED Strip Lights, press the black ‘Prog’ button 5 times (DO NOT HOLD DOWN). The LED Strips Lights will start to flash slowly.
6. The LED Strip Lights will now automatically pair with the app. Wait until they flash then stay lit. This indicates the LEDs have successfully connected to the Hue App.
7. Your LED Lights (aka Lighting Zone) will now be available in the Hue App as “Hue Colour Light # “, You can now control your LEDs through the app (Colour, Brightness, Set Scenes).
8. Go to the Hue App settings, and select “Rooms & Zones”. Now Create a new Room/Zone, with a name that you want use for your LED lighting system (e.g., Office, Kitchen Zone 1, etc).
9. Add your LED Lighting system to your chosen Room or Zone, by making sure it is ticked in the “Light Selection” of your chosen Room/Zone.

Amazon Alexa (step 2)

10. Download and Setup the Amazon Alexa App.
11. In the Alexa App, select “Settings” → “Skills & Games” then Search for “Philips Hue”.
12. Install the “Philips Hue” skill, open the Devices tab then click “Lights”. You will see your LED Lighting System in the list in this section. (You can re-name the Room/Zone here; this will be the name you use to tell Alexa to control the lighting, e.g.. “Alexa Office Lights on”.)
13. You can now control your LED Lights through the Alexa App. Use it to select and manage Colour, Brightness and Set Scenes.

Your system is now installed and fully set up. You can control your lighting using your Amazon Alexa and the Amazon Alexa App.

▪ Factory Reset Receiver

Step 1: Short press “Prog.” key for 5 times continuously or re-power on the device for 5 times continuously if the “Prog.” key is not accessible.

Step 2: Connected light flashes 3 times for successful reset.