

User Guide - FLDC5Z-WIFI

WIFI & RF Receiver - 5 in 1

(Single colour/ Tuneable White/ RGB /RGBW & RGB+CCT)



FC CE RoHS LVD RED

- Use with Single Colour/ Tuneable White/ RGB / RGBW & RGB+CCT Remotes and RF compatible wall panels.
- Control your lighting remotely through the TUYA SMART application available on IOS and Android.
- Voice control via Siri, Google Assistant, Smart things, Amazon Alexa and Google Home.
- Music command using your smart device microphone.
- Multiple scene controls, zone groupings and timer settings available using the TUYA App.
- Signal distance of up to 30m within Free Range. Please allow for 12m within areas restricted by obstacles

Input and Output	
Input voltage	12-24VDC
Input current	15.5A
Output voltage	5 x (12-24)VDC
Output current	5CH,3A/CH
Output power	5 x (36-72)W
Output type	Constant voltage

Dimming data	
Input signal	Tuya APP + RF 2.4GHz
Control distance	30m (Barrier-free space)
Dimminggray scale	4096 (2^12) levels
Dimmingrange	0 - 100 %
Dimming curve	Logarithmic
PWM Frequency	1000Hz (default)

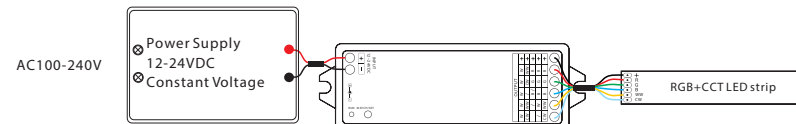
Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Safety standard(LVD)	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,LVD,RED

Environment	
Operation temperature	Ta: -30 °C~+55 °C
Case temperature(Max.)	Tc: +85 °C
IP rating	IP20

Warranty and Protection	
Warranty	5 years
Protection	Reverse polarity Over-heat Short circuit

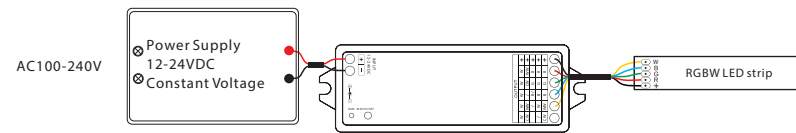
LED Strip Type - Set Up

- For RGB + CCT



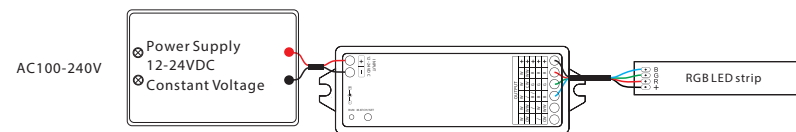
Press and hold 'match/set' key for 16s, until the LED indicator turns BLUE, then release, and Quick Press to confirm set up. The LED indicator should now be a solid BLUE light.

- For RGBW



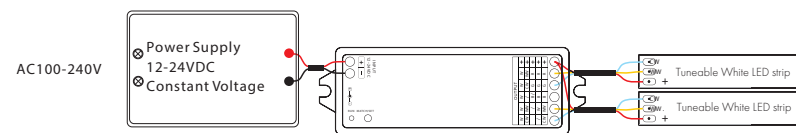
Press and hold 'match/set' key for 14s, until the LED indicator turns GREEN, then release, and Quick Press to confirm set up. The LED indicator should now be a solid GREEN light.

- For RGB



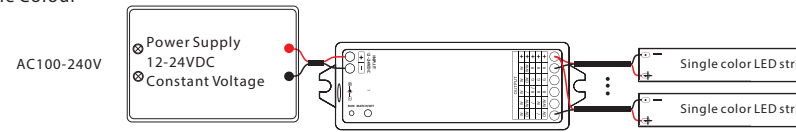
Press and hold 'match/set' key for 12s, until the LED indicator turn RED, then release, and Quick Press to confirm set up. The LED indicator should now be a solid RED light.

- For Tuneable White



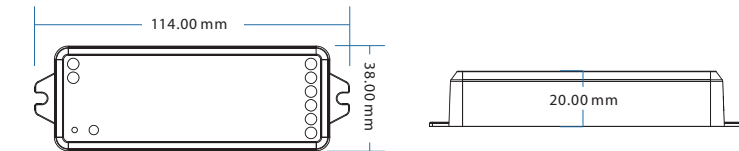
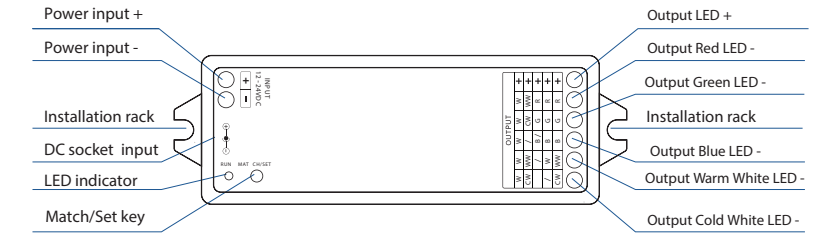
Press and hold 'match/set' key for 10s, until the LED indicator turn YELLOW, then release, and Quick Press to confirm set up. The LED indicator should now be a solid YELLOW light.

- For Single Colour



Press and hold 'match/set' key for 8s, until the LED indicator turn WHITE then release, and Quick Press to confirm set up. The LED indicator should now be a solid WHITE light.

Key Functions



Pairing to Your RF Controller or Wall Panel

Pair your remote / wall panel with our RF / WIFI receiver (FLDC5Z-WIFI). There are two pairing methods:

- Using the "Match Key"

Match the controller with our receiver (Using the Match Key on the receiver)

1. Match : Short press the match key, then press the Zone key on the remote within 5s.
2. To Delete a Match: Long press the match key on the receiver for 20s.

- At Power Up

Match the controller with our receiver (Without using the Match Key)

1. Match : Switch off receiver power, then switch on power again, (Perform Twice) then short press a zone key 3 times on the remote within 5s after receiver power s on, the link has been completed once the connected LED lights flash 3 times.
2. To Delete a match: Switch off power to the receiver, then switch on power again, short press the zone key you are deleting 5 times on the remote within 5s after power on, the unlink has been completed once the connected LED lights flash 5 times.

Pairing to Your Smart Device (TUYA APP)

Download the 'TUYA SMART' app and follow the set up steps :



<https://smartapp.tuya.com/tuyasmart/help>