

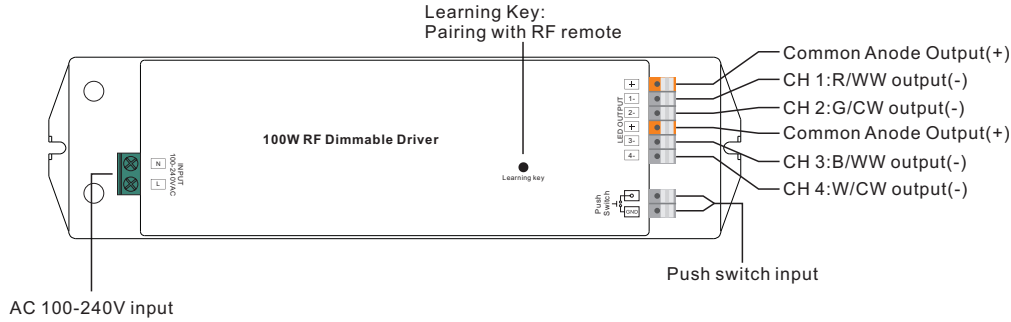
# 100W RF Dimmable Driver

09.100RF.04762



**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

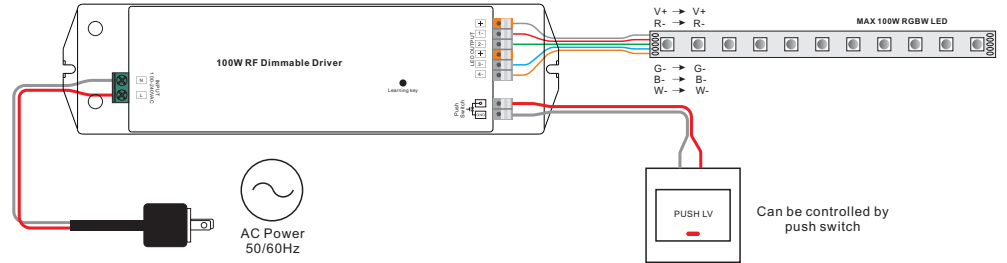
Output	DC Voltage	12V DC	24V DC
	Max. Current	4x2.08A max.	4x1.04A max.
	Rated Power	max. 100W	
Input	Voltage Range	100-240V AC	
	Frequency	50/60Hz	
	Power Factor (Typ.)	> 0.9	
	Efficiency (Typ.)	90% @ 230VAC	
	Input Current	0.5A @ 230VAC	
Protection	Short Circuit	Yes	
	Over Voltage	Yes	
	Over Load	Yes	
Environment	Working Temp.	-20°C ~ +45°C	
	Max. Case Temp.	85°C	
	Working Humidity	10% ~ 95% RH non-condensing	
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH	
Safety & EMC	Safety Standards	In compliance with EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 62384, EN 61547	

Others	MTBF	193.6K hrs min. @ 230VAC at full load and 25°C ambient temperature
	Dimension	244*64*32mm (L*W*H)

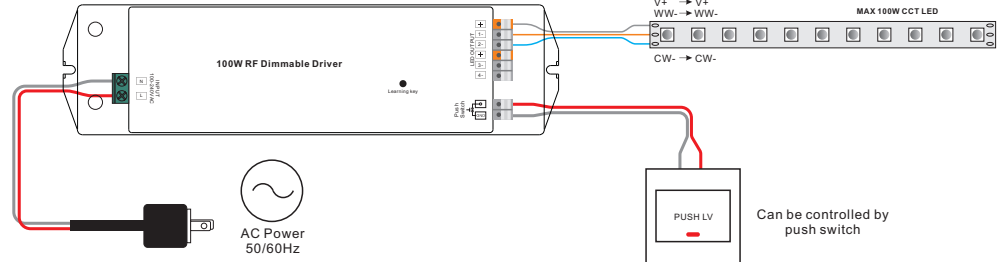
- Dimmable LED driver with RF control
- Max. output power 100W total
- 4 channels DC 24V constant voltage output
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To control single color, dual color, RGB/RGBW LED lighting
- Compatible with a variety of RF remotes
- Push dim function available while connected with a push switch
- IP20 rating
- Suitable for indoor LED lighting applications
- Radio Frequency : 868/869.5/916.5/434mhz
- 3 years warranty

## Wiring Diagram

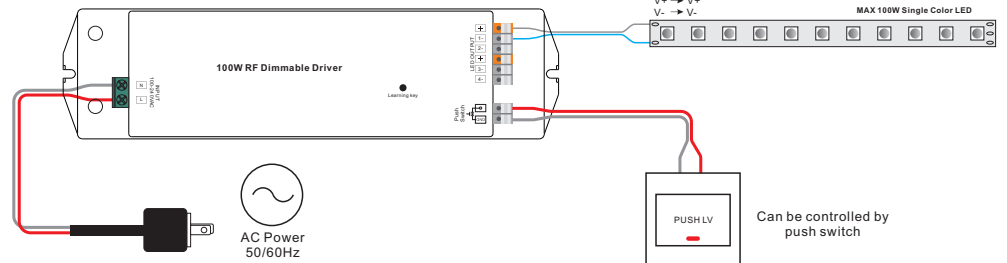
1. Connect with RGBW LED lighting



2. Connect with CCT LED lighting



3. Connect with single color LED lighting



## Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT expose the device to moisture.

## Operation

Do wiring according to connection diagram.

Pair RF Receiver with RF remote:

1. Connect and wire up the RF receiver correctly, power on.
2. Turn on the remote, click the **“Learning Key”** button on receiver, immediately click a zone number to pair the receiver to the specified zone if the remote is a multi-zone controller (if it is a single zone remote, this step is unnecessary), then touch the color wheel or slider bar on the remote (if the remote does not have color wheel or slider bar, click or touch any keys), the connected led light on receiver flickers twice, which means well paired.

**Note:** one receiver can be paired with max 8 remote controls.

Delete the pairing:

1. Wire up the RF receiver correctly, power on.
2. Hold down the **“Learning Key”** button on receiver for over 3 seconds until the connected led light on receiver flickers twice, which means well deleted.

## PUSH DIM:

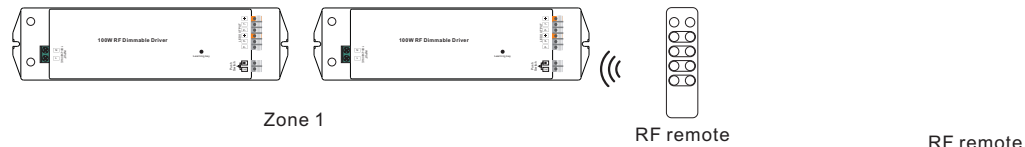
While connected with push switch, click the button to switch ON/OFF lights.

Press and hold down the button to increase/decrease light intensity to desired level then release it. Repeat the operation to adjust light intensity to opposite direction.

Double click the button to switch light intensity adjusting mode to dynamic color(if connect with RGB LED)/dual color(if connect with CCT LED) changing mode.

## If you use multiple receivers, you have two choices:

Option 1: have all the receivers in the same zone, like zone 1



Option 2: have each receiver in a different zone, like zone 1, 2, 3 or 4

