50W RF LED Driver(Constant voltage)

FC CE RoHS COMPLIANT UL TÜV

Important: Read All Instructions Prior to Installation

Function introduction

AC 200-240V input

1 CH output

Push switch

Learning Key:
Pairing with RF remote
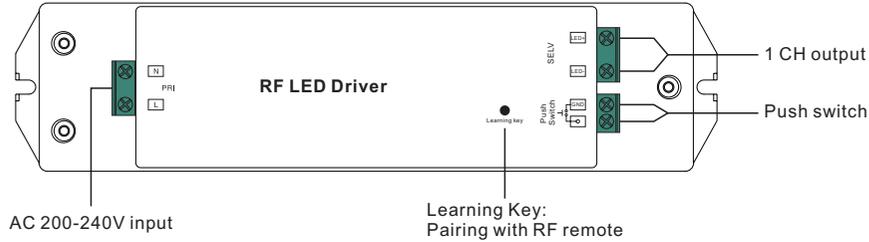
Product Data

Output	DC Voltage	12V DC	24V DC
	Max. Current	4.16A max.	2.08A max.
	Rated Power	max. 50W	
Input	Voltage Range	200-240V AC	
	Frequency	50/60Hz	
	Power Factor (Typ.)	> 0.9	
	Efficiency (Typ.)	85% @ 230VAC	88% @ 230VAC
	Input Current	0.27A @ 230VAC	
Protection	Short Circuit	Yes	
	Over Voltage	Yes	
	Over Load	Yes	
Environment	Working Temp.	-20℃ ~ +45℃	
	Max. Case Temp.	85℃	
	Working Humidity	10% ~ 95% RH non-condensing	
	Storage Temp. & Humidity	-40℃ ~ +80℃, 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℃ ambient temperature
	Dimension	210*50*32mm (L*W*H)

• Dimmable LED driver with RF control
• Max. output power 50W
• 1 channel 12/24V DC constant voltage output
• Class Ⅱ power supply, full isolated plastic case
• High power factor and efficiency
• To switch and dim single color LED lighting
• Compatible with a variety of single color RF remotes
• IP20 rating
• Suitable for indoor LED lighting applications
• Radio Frequency : 868/869.5/916.5/434mhz
• 3 years warranty

Safety & Warnings

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

Wiring Diagram
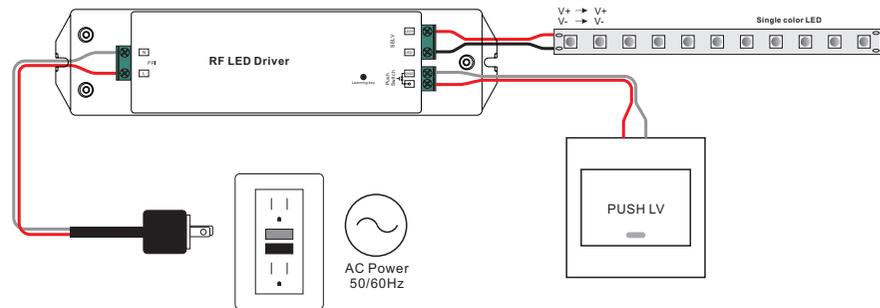
Operation

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.

PUSH DIM:
When connected to Push Switch, click push switch for switch ON/OFF,hold push switch to dim up/down the brightness

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.

If you use multiple receivers, you have two choices:
Option 1: have all the receivers in the same zone, like zone 1

Zone 1

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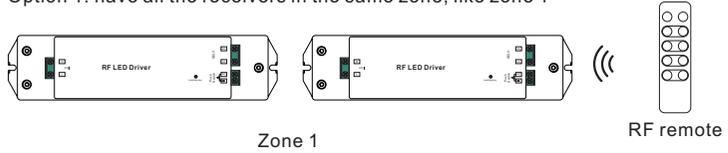
Option 2: have each receiver in a different zone, like zone 1, 2, 3 or 4

RF remote

Zone 1   Zone 2   Zone 3