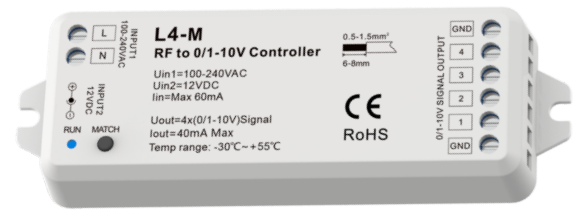


RF to 4 Channel 0-10V LED Dimmer

- RF to 4 channel 0-10V converter, powered by AC or DC input.
- Output 4 channel 0-10V signal, connect with 0/1-10V dimmable driver.
- 256 levels 0-100% dimming smoothly without any flash.
- Match with RF 2.4G single color, dual color and RGB/RGBW remote control.
- One RF controller accept up to 10 remote control.
- Light on/off fade time 3s selectable.

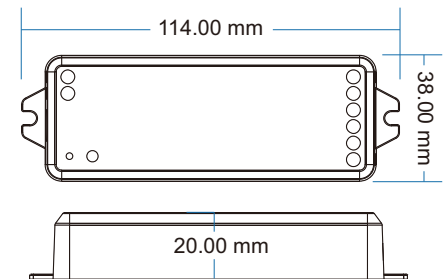
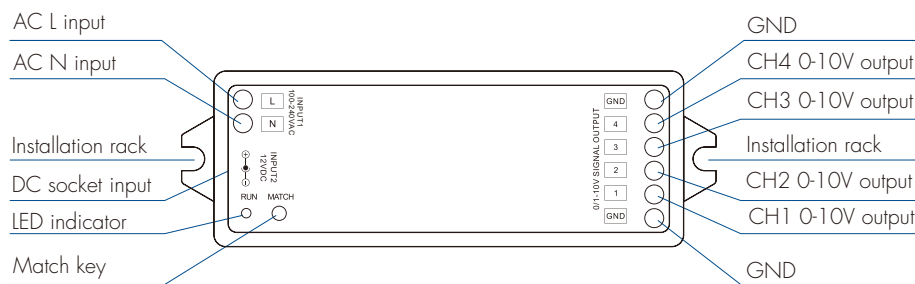


CE RoHS RED

Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	100-240VAC or 12VDC	Input signal	RF 2.4GHz	EMC standard	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4
Output signal	4 x (0-10)VDC	Control distance	30m(Barrier-free space)	Safety standard	EN 61347-1:2015+A1:2021 EN 61347-2-13:2014+A1:2017
Output current	4CH, 10mA/CH	Dimming range	0-100%	Radio Equipment	ETSI EN 300 328 V2.2.2
Warranty		Dimming curve	Linear	Certification	CE RED
Warranty	5 years	Environment			
Package		Operation temperature	Ta: -30°C ~ +55°C		
Size	L120 x W43 x H27mm	Case temperature (Max.)	Tc: +65°C		
Gross weight	0.068kg	IP rating	IP20		

Mechanical Structures and Installations



Match Remote Control (two match ways)

End user can choose the suitable match/delete ways. Two options are offered for selection:

Use the controller's Match key

Match:

Short press match key, immediately press on/off key (single zone remote) or zone key (multiple zone remote) of the remote.

Delete:

Press and hold match key for 5s to delete all match, The light blinks 5 times means all matched remotes were deleted.

Use Power Restart

Match:

Switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.

Delete:

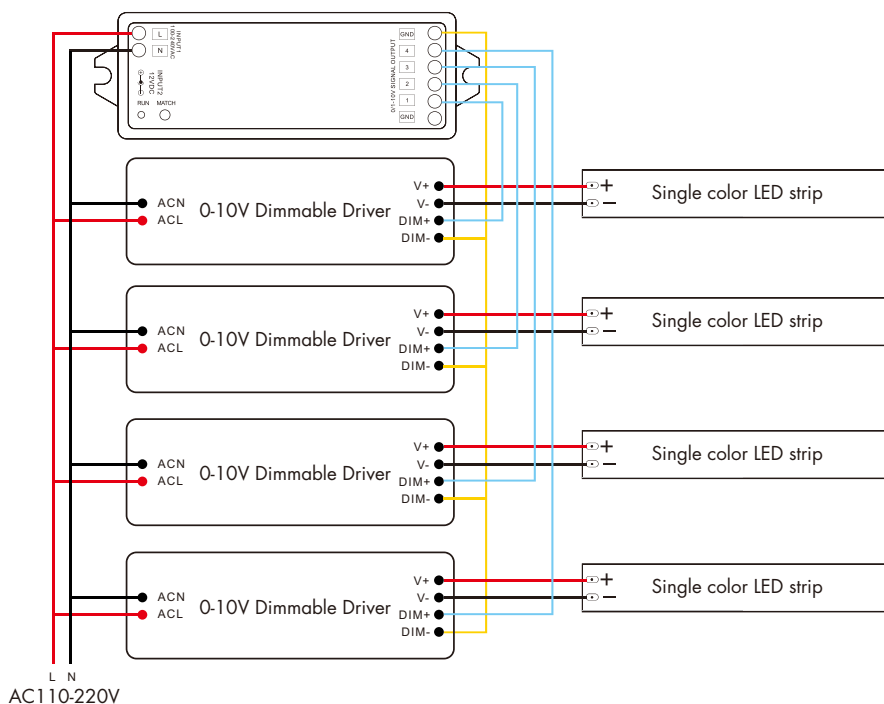
Switch off the power, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.

Light on/off fade time

Long press match key 5s, then short press match key 3 times, the light on/off time will be set to 3s, the indicator light blink 3 times.

Long press match key 10s, restore factory default parameter, the light on/off time also restore to 0.5s.

Wiring Diagram



Note:

1. User can connect AC100-240V power or DC12V power adapter as power input.
2. In order to ensure dimming consistency, we recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 25 pcs, The maximum length of the wires from dimmer to LED driver should be no more than 50 meters (use copper wire with a cross-sectional area of 0.75 m² for wiring).

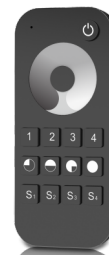
Available remote controller



RS6
4 Channel Dimming



RT1
1 Zone Dimming



RT6
4 Zone Dimming

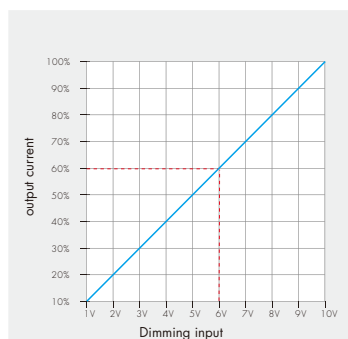
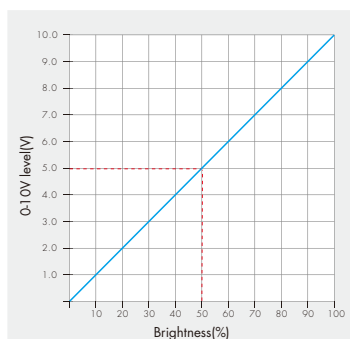
If you use one receiver, you have two choices:

- Option 1: Match with RS6 4 channel dimming remote, 4 channel 0-10V signal can be controlled independently.
 Option 2: Match with RT1 one zone dimming remote, 4 channel 0-10V signal can be controlled synchronously.

If you use multiple receivers, you have two choices:

- Option 2: Match with RT1 one zone dimming remote, multiple receivers can be controlled synchronously, and 4 channel 0-10V signal of each receiver are same.
 Option 2: Match with RT6 four zone dimming remote, each receiver(one or more) in a different zone.

Dimming curve



Note:

When the output channel is off, the output dimming signal is 0V.
 Please read the dimming section of the 0/1-10V dimming driver manual.
 If the dimming characteristic curve is the same as left, it will not be able to turn off the lights, you need select other models of 1-10V dimmer which have AC OUT function.