

# V1-PD

## One-Button RF LED Dimmer

RF DIM



CE RoHS

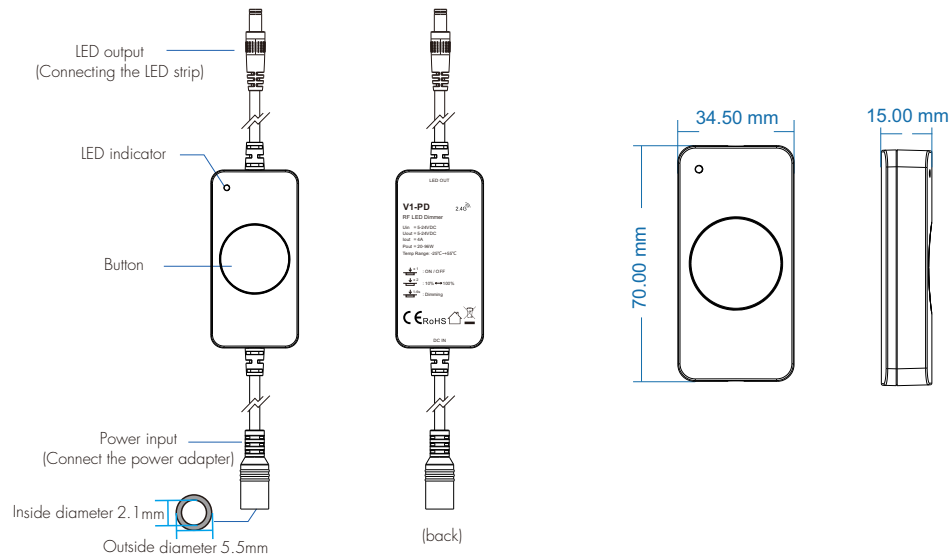
### Feature

- Use to control monochrome constant voltage LED strips.
- One button for on/off, and brightness adjustment.
- 4096 levels dimming smoothly without any flash.
- Operate with LED indicator light.
- Match with RF 2.4G single zone or multiple dimming remote control.
- Used as RF remote control to output RF 2.4G signal, remote control of other RF LED controllers or RF dimming LED drivers.

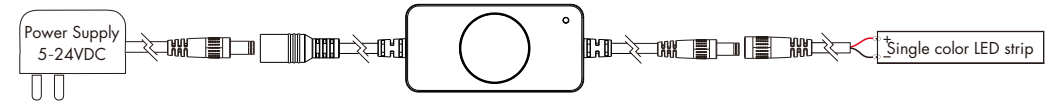
### Technical Parameters

Input and Output		Dimming data		Safety and EMC	
Input voltage	5-24VDC	Input signal	One-button + RF 2.4GHz	EMC standard	EN IEC 55015 EN IEC 61547 ETSI EN 301 489-1/-3
Output voltage	5-24VDC	Control distance	30m(Barrier-free space)	Safety standard	EN 61347-1/-2
Output current	4A	Dimming gray scale	4096 levels	Radio equipment	ETSI EN 300 440
Output power	20-96W	Dimming range	1 - 100%	Certification	CE RoHS
PWM Frequency	2000Hz	<b>Environment</b>			
Dimming curve	Logarithmic	operation temperature	Ta: -25 °C ~ +55 °C	<b>Package</b>	
<b>Warranty and Protection</b>		Case temperature (Max.)	Tc: +85 °C	Size	110x57x28mm(LxWxH)
Warranty	5 years	IP rating	IP20	Gross weight	0.048kg
Protection	Reverse polarity, Short circuit, Over heat				

### Mechanical Structures and Installations



### Wiring Diagram



### Button Function

- Short press:** Turn on or off light.
- Double click:** Switch 10% or 100% brightness.
- Long press (1-6s):** Continuous brightness adjustment, dimming range 1-100%.

### V1-PD Match RF Remote Controller (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.

### V1-PD Used as RF Remote Controller

The V1-PD can be matched with one or more RF LED controllers/RF dimming drivers to remotely control other fixtures with one-button operation.  
For example, two V1-PD controllers are matched with each other for synchronized control.  
End user can choose the suitable match/delete ways.

#### Use the controller's Match key

**Match:**  
Short press the controller/power supply's match key, immediately press the button.  
The LED indicator fast flash a few times means match is successful.

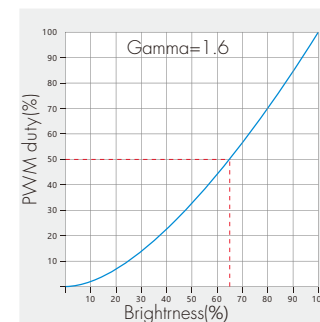
**Delete:**  
Press and hold the controller/power supply's match key 5s, The LED indicator fast flash a few times means all matched remotes were deleted.

#### Use Power Restart

**Match:**  
Switch off the power of the controller, then switch on power, repeat again.  
Immediately short press the button 3 times.  
The light blinks 3 times means match is successful.

**Delete:**  
Switch off the power of the controller, then switch on power, repeat again.  
Immediately short press the button 5 times.  
The light blinks 5 times means all matched remotes were deleted.

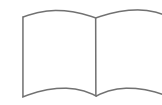
### Dimming Curve



### Packing List



LED Dimmer  
1 pcs



User Manual  
1 pcs



DC Extension Cable  
1 pcs