

## Single Color LED Controller Kit

Model No.: A/KT/01/01/01

1 channels constant voltage/Touch color slide/Step-less dimming/Wireless remote 30m distance



FC CE RoHS (ETC) LVD RED

### Features

- Remote control or connected with external push switch to achieve on/off and dimming function
- Ultra sensitive brightness adjustment touch slide
- Smooth dimming and switch without any flickering
- Auto-transmitting function: Controller automatically transmit signal to another controller with 30m control distance
- Synchronize on multiple number of controllers
- Light on/off fade time 3s selectable
- Magnet on the back which can be easily stuck on back holder or any metal surfaces

### Technical Parameters

LED Receiver's Input and Output	
Input voltage	5-36VDC
Input current	8.5A
Output voltage	5-36VDC
Output current	1CH,8A
Output power	40W/96W/192W/288W (5V/12V/24V/36V)
Output type	Constant voltage

Dimming data	
Dimming level	4096 levels
Dimming range	0-100 %
Dimming curve	Logarithmic
PWM Frequency	2000Hz

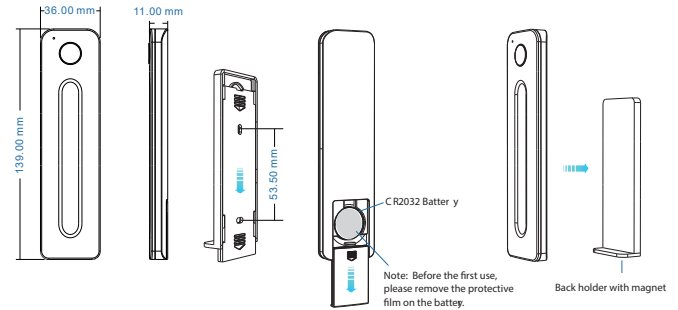
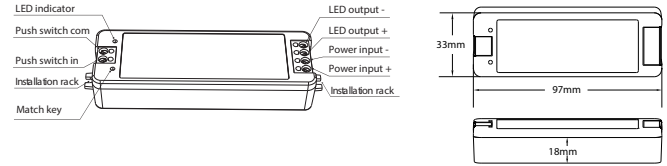
Warranty and Protection	
Warranty	5 years
Protection	Reverse Polarity

LED Remote's Input and Output	
Output signal	RF (2.4G Hz)
Working voltage	3 VDC (CR2032)
Working current	< 5 mA
Standby current	< 10 μA
Standby time	1 year
Remote distance	30m

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

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

### Mechanical Structures and Installations



### Wiring Diagram

