

Date:	
Type:	
Firm Name:	
Project:	



Everylite Datasheet Ver 1.4.0

C-E4 4 Channel Led Controller



Features

- Mini style LED Controller with DC power socket input and 4 channel constant voltage output.
- RGB/RGBW controller by default, requires an RGB/RGBW remote, creates a colorful static or dynamic effect.
- Color Temperature Change or Dimming capabilities, requires a CCT or Dimmer Remote.
- Full compatibility with a variety of single color, dual color and RGB/RGBW remotes.
- When controlling RGB/RGBW light, built in 10 dynamic modes, include jump or gradual style change.
- 2.4GHz wireless technology, can pair with up to 10 remote control.
- Auto-transmitting function, one receiver can transmit the signal within 50ft and the remote distance can be beyond 330ft.
- Auto-synchronization function.
- Can connect with unlimited number of 4CH power repeaters in series or in parallel to expand output power, achieve synchronous control effect.



Technical Parameters

Input Voltage	Max. Load Current	Total Output Max.	Output Signal	Working Temperature
12 - 24 VDC	6A/Channel	15A	4 x (12 - 24) VDC	-22 ~ +131 °F
Dimensions (L x W x H)	Output Type	Dimming Range	Remote Distance	Grey Levels
(4.49 x 1.5 x 0.79) in	PWM	0 - 100%	98 ft	4096/Ch

How to Pair with Remote

Use Match Key

1. Pairing: Short press pair key, then press on/off key or zone key of the remote within 5 seconds.
2. Delete: Long press pair key for 5 seconds, delete all matched remote.
3. Multiple zone remote only use zone key to pair each zone receiver.

Use Power Up

1. Pairing: Switch off the power, then switch the power on again, short press on/off key or zone key 3 times on the remote quickly within 5 seconds after power on, the link is successful once the light blinks 3 times.
2. Delete: Switch off the power, then switch on power again, short press on/off key or zone key 5 times on the remote quickly within 5 seconds after power on, the unlink is successful once the light blinks 5 times.
3. Multiple zone remote only use zone key to match each zone receiver.

Malfunctions Analysis & Troubleshooting

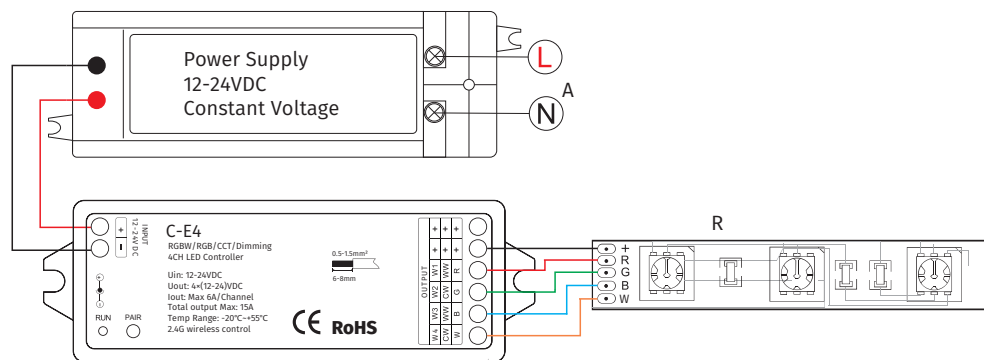
Malfunctions	Causes	Troubleshooting
No Light	<ol style="list-style-type: none"> 1. No Power. 2. Wrong or Insecure Connection. 	<ol style="list-style-type: none"> 1. Check the Power 2. Check the Connection
Wrong Color	<ol style="list-style-type: none"> 1. Wrong connection of R/G/B/W wires. 	<ol style="list-style-type: none"> 1. Reconnect R/G/B/W wires
Uneven Intensity Between Front and Rear, with Voltage Drop.	<ol style="list-style-type: none"> 1. Output cable is too long. 2. Wire diameter is too narrow. 3. Overload beyond power supply capability. 4. Overload beyond controller capability. 	<ol style="list-style-type: none"> 1. Reduce cable or loop supply. 2. Change to wider cable. 3. Replace for higher power supply. 4. Add power repeater.
	<ol style="list-style-type: none"> 1. The battery has no power. 2. Beyond controllable distance. 3. The controller and remote don't match. 	<ol style="list-style-type: none"> 1. Replace battery. 2. Reduce remote distance. 3. Re-match the remote.

Safety Information

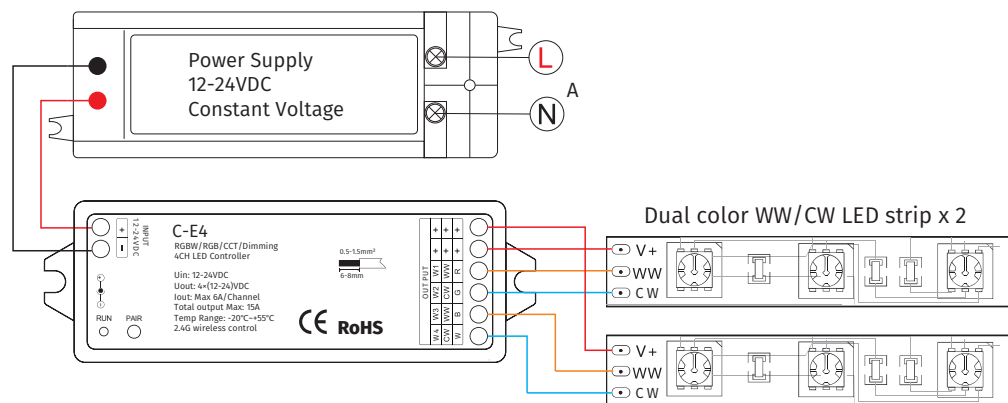
1. The product shall be installed and serviced by a qualified person.
2. This product is a non-waterproof; indoor rated device. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, please ensure adequate ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the products.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

Wiring Diagram

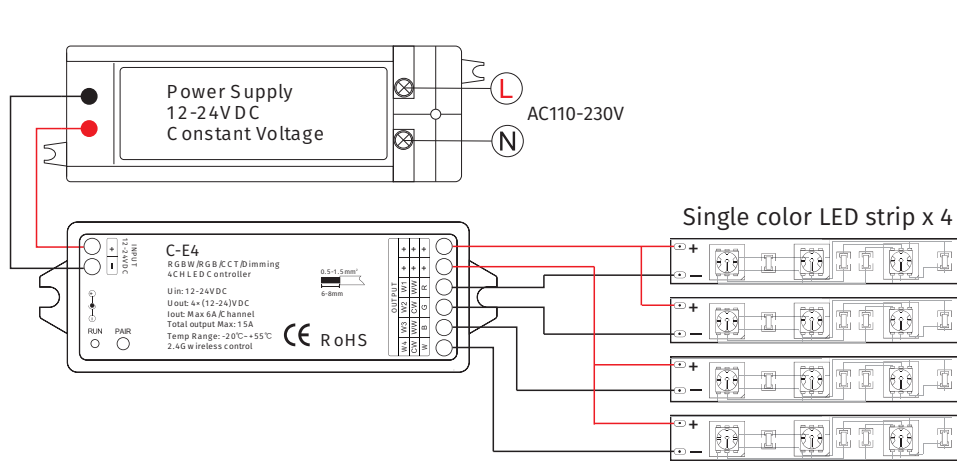
VP for RGBW



VP for dual color

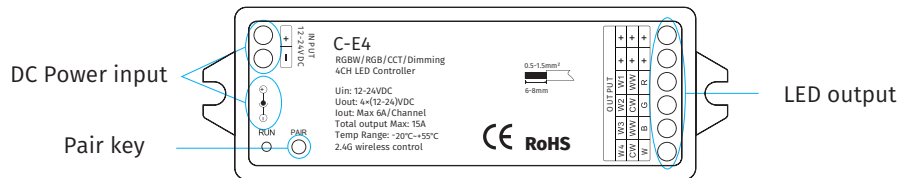


VP for single color



Drawing

Interface specification



Dimension

