EuControls
COLORS AND LIGHTS UNDER YOUR CONTROL

XC3-20500-RF
Multi-Function RGB Controller

Product Features

- 2-Channel, 5A MAX per channel.
- Cool white and warm white dual controller.
- 8 levels of brightness and 256 grayscale levels.
- Remote control has touch buttons and a color control ring which makes it easy to select colors.
- The RF remote control distance is 33 feet.
- Remote Control requires 3 AAA batteries (Not included).
- Ergonomic and Compact.

Product Specifications

Input Voltage	12-24VDC
Output Current	5A * 2-Channel
Output Power	12V: 120W; 24V: 240W
Remote Power	3 AAA Batteries
Remote Type	RF
Operation Temperature	-35 to 55 °C
Controller Dimensions	(L)65 x (W)64 x (H)24 (mm), 2.56 x 2.52 x 0.94 (inch)
Remote Dimensions	(L)114 x (W)55 x (H)21 (mm), 4.49 x 2.17 x 0.83 (inch)
Weight	93g

Remote Control Buttons

On/Off	**On/Off**: Turn On/Turn off.
	Warm White Mode : 100% Warm White and NO Cool White.
	Cool White Mode: 100% Cool White and NO Warm White.
	Brightness+: Increases brightness level. (Total of 8 levels)
	Brightness-: Decreases brightness level. (Total of 8 levels)
	Color Ring: Move your finger around the color ring to select a color.

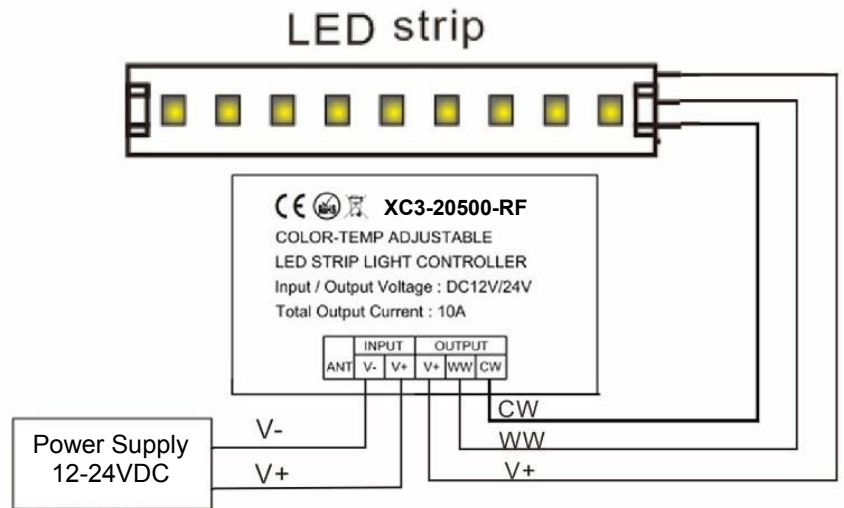Specifications subject to change without notice

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⌂ **Remote Sync:**

Each remote has an unique ID code and a range of about 33 feet. A LED controller can memorize up to 20 remote ID codes at one time. If there are more than 20 ID codes, the oldest code will be deleted. The power off memory function will retain the last ID code and set the scene accordingly.

- **To Sync a LED controller with a remote:** Power up the controller then press and hold the ☀ (Brightness+) button for 3 seconds. If the synchronization is successful, then LED light will blink 3 times.

- **Clear ID code in controller:** You can clear a code from an LED controller by powering up the controller, and then, press the ☀ (Brightness+) button 6 times within 3 seconds. If successful, the LED light will blink 6 times.

Connection Instructions

LED strip

CE ⊠ **XC3-20500-RF**
COLOR-TEMP ADJUSTABLE
LED STRIP LIGHT CONTROLLER
Input / Output Voltage : DC12V/24V
Total Output Current : 10A

INPUT			OUTPUT		
ANT	V-	V+	V+	WW	CW

Power Supply
12-24VDC

V-
V+

CW
WW
V+

Troubleshooting Guides

Problem	Reason	Solution
All lights are off with power on.	No Power.	Check the power source.
	Dimmer protection function is triggered.	Check error and reconnect the power cord.
	Power cord is not connected properly.	Reconnect the power cord.
Remote control has no response.	Battery is not installed properly.	Re-load the battery.
	Beyond the remote distance.	Move remote closer to the dimmer.
Remote responds so slow.	Battery power is low.	Change to a new battery.
Abnormal flicker.	Wires are too long.	Shorten the wires or use loop power supply.
	Wire's diameter is too small.	Use a bigger wire.
	Dimmer or power supply is overloaded.	Add more signal amplifiers.
Signal Confusion.	Interfered by another remote.	Clear ID code list in dimmer (See **Remote Sync** on top).

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