

Important: Read all instructions prior to installation.

Tunable White Controller with RF Touch Color Remote

Parts Included

- 1 - Tunable White Controller
- 1 - RF Touch Color Remote

RF Remote



Button	Function
	Turn all LEDs on and off, retaining the last setting on power toggle
COLOR TEMPERATURE WHEEL	Directly select color temperature on wheel. Rotate finger around to fine tune desired color temperature.
BRIGHTNESS +/- 	Dim LEDs by pressing (⊖) symbol. Brighten LEDs by pressing (⊕) symbol (selecting any other remote button changes to full brightness)
COOL / WARM 	Changes between full cool color temperature and full warm color temperature.

RF remote controller has a signal range up to 65ft (20m) and requires 3 x AAA batteries (not included).

Operation

Press “●” for warm white, and press “○” for cool white.

Touch the wheel for white color temperature selection. Select color temperature before dimming.

Dim LEDs by pressing (⊖) symbol. Brighten LEDs by pressing (⊕) symbol (selecting any other remote button changes to full brightness)

Specifications

Type	2 Channel
Input Voltage	12~24 VDC
Output	6 Amps / Ch
Total Output	12 Amps
Max Wattage	144W (12V) / 288W (24V)
Operating Temp	-22° ~ 140° F (-30° ~ 60°C)
Controller Size	L3.3in x W3.1in x D1.3in (83 x 79 x 33mm)
Controller Weight	55g (1.94oz)
Frequency	433MHz
FCC ID	2AFRVFC433RMT5
Batteries	3 x AAA

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

General Description

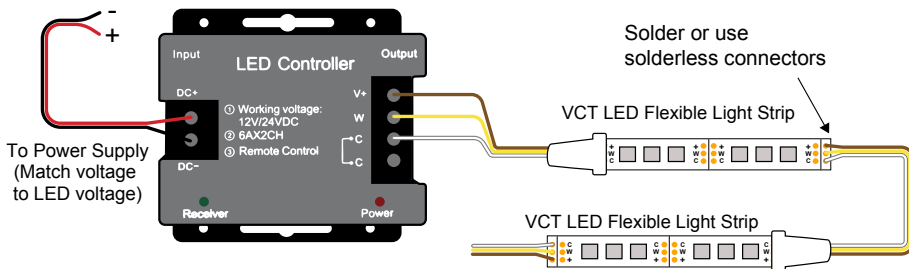
LDRF-VCT6 two channel Tunable White LED controller with color temperature touchwheel for directly selecting a wide range of color temperatures of white. Offers warm through cool white, adjustable brightness, brightness retention (controller resumes modes with the settings previously selected on power toggle).

Instructions

Pre-test & Configure

May be used with Tunable White strips or bars. Connect LEDs to power supply and controller (see diagram). Turn on LEDs using the included remote controller to ensure proper operation of the LEDs, power supply, controller, and remote. Red power light will illuminate when controller is powered. Green receiver light will illuminate when controller is receiving a signal from remote. Choose suitable dry location for the power supply and controller.

Wiring Diagram



Safety

- DO NOT connect controller or LEDs directly to 120V AC power.
- This controller requires a 12V or 24V DC power supply.
- DO NOT exceed max load of 12 Amps, overloading the controller may cause overheating, shorting, and possibly failure of controller.
- Be sure the power supply is not plugged into an outlet before connecting or disconnecting any of the systems components.
- DO NOT expose the controller or remote to direct or indirect moisture.
- Always observe proper polarity when connecting power and load.