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Instruction Sheet

Part Number:

LDRF-RGB6-TC4

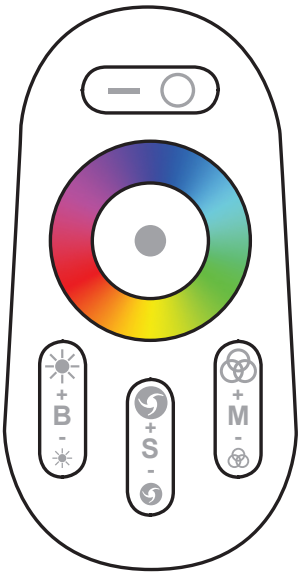
Important: Read all instructions prior to installation.

Wi-Fi Compatible RGB Controller with Sync-able RF Touch Color Remote

Parts Included

1 - 2.4GHz Wi-Fi Compatable RGB Controller
1 - 2.4GHz Sync-able RF Touch Color Remote
1 - Double-sided Tape

RF Remote



Button	Functions
	Turn all LEDs on and off, retaining the last setting
COLOR WHEEL	Directly select color on wheel from any mode or color selection
BRIGHTNESS +/- 	Dim LEDs in any static color mode and most dynamic modes by pressing (-) symbol. Brighten LEDs by pressing (+) symbol
SPEED +/- 	Increase (+) and decrease (-) speed on dynamic modes
MODE +/- 	Cycle up or down through 19 different dynamic modes and static white, static color modes. (Color Wheel)

RF remote controller has a signal range up to 65ft (20m) and requires 2 x AAA batteries (not included).

General Description

LDRF-RGB6-TC4 3 channel RGB (Red, Green, and Blue) LED controller with color touchwheel for directly selecting a wide range of colors.

Controller/Remote sets come preprogrammed and ready for use.

Offers 19 dynamic modes and static white, static color modes with adjustable brightness, speed and mode retention (controller resumes modes with the settings previously selected).

Instructions

Pre-test & Configure
May be used with RGB strips or bars.
Connect LEDs to power supply and controller (see “Method 1” diagram).

Turn on LEDs using the included remote controller to ensure proper operation of the LEDs, power supply, controller, and remote.

Choose suitable dry location for the power supply and controller. Before double-sided tape is used, ensure all surfaces are clean and dry.

White Mode

To select the color white from any mode:
Press and hold “Mode - button” until the controller stops at static white(Mode 1).
Brightness is adjustable.

Static Color Mode

To select a static color from any mode:
Press the color wheel to select your color. Brightness is adjustable

Controller Pairing

If additional controllers or remotes are required, follow instructions below.

The LDRF-RGB6-TC4 features RF remote to controller device pairing to help eliminate interference from other nearby units. If you wish to control several controller devices from a single RF remote, the controllers first must be re-programmed.

The easiest way to re-program several controllers at once is to have them share a power supply or all plug in to a single power strip.

Once programmed you can provide power as you would otherwise, sharing is only needed for the programming phase to ease the process -- Re-programming can be done one device at a time also.

Controller Pairing:

Pairing a remote to a controller:
1. Wire all controllers to one power supply or power strip and turn the power off.
2. Turn on the power supply or power strip and press the “Speed + button” once within 3 seconds.
3. If successful the LED product will flash twice slowly.
4. If the LED product flashes nine times quickly or not at all, repeat steps one and two.

Unpairing a remote to a controller:
1. Wire the controller to a power supply or power strip and turn the power off.
2. Turn on the power supply or power strip and press and hold the “Speed + button” once within 3 seconds.
3. If successful the LED product will flash nine times quickly.
4. If the LED product flashes twice slowly or not at all, repeat steps one and two.

Pairing Note:
1. One remote can be paired to any number of controllers.
2. One controller can be paired to up to four remotes.

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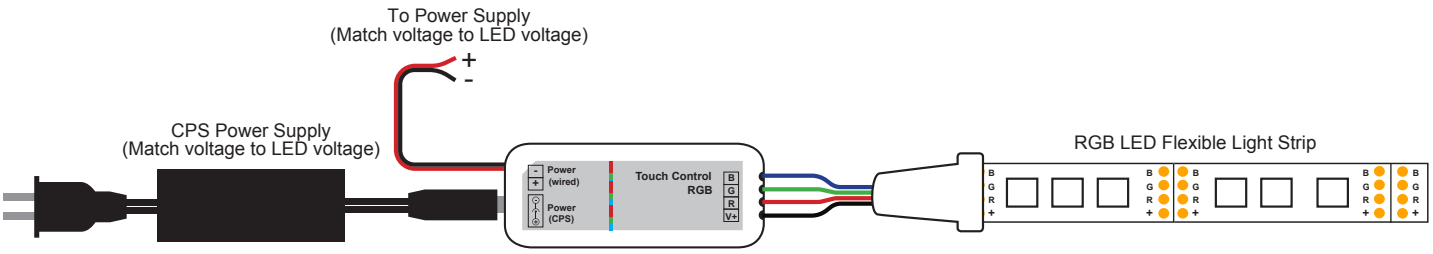
12-24 Volt DC | 2.4G wifi capable LED controller sold seperately | RoHS compliant | Warranty Life Time

Wiring: Method 1



Specifications

Type	3 Channel
Input Voltage	12~24 VDC
Output	6 Amps / Ch
Total Output	18 Amps
Max Wattage	216W (12V) / 432W (24V)
Operating Temp	-25°C ~ 60°C
Controller Size	L3.3in x W1.7in x D.9in (86 x 45 x 23mm)
Controller Weight	55g (1.94oz)
Frequency	2.4GHz
FCC ID	2AFRVFC24GRMT4
Batteries	2 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.

Modes List

Mode	Function	Brightness	Speed Controls	Mode	Function	Brightness	Speed Controls
Note:	**"M-" button stops at mode 1**			11	White flash strobe	Adjustable	Adjustable
1	Static white	Adjustable	Not adjustable	12	Red strobe	Adjustable	Adjustable
2	White fade on and off	Adjustable	Adjustable	13	Red flash strobe	Adjustable	Adjustable
3	Seven-color fade	Adjustable	Adjustable	14	Green strobe	Adjustable	Adjustable
4	Tri-color crossfade	Adjustable	Adjustable	15	Green flash strobe	Adjustable	Adjustable
5	Seven-color instant change	Adjustable	Adjustable	16	Blue strobe	Adjustable	Adjustable
6	Tri-color instant change	Adjustable	Adjustable	17	Blue flash strobe	Adjustable	Adjustable
7	Red/Green instant change	Adjustable	Adjustable	18	Yellow strobe	Adjustable	Adjustable
8	Red/Blue instant change	Adjustable	Adjustable	19	Yellow flash strobe	Adjustable	Adjustable
9	Blue/Green instant change	Adjustable	Adjustable	20	*Cycles through modes 1-19	Not adjustable	Not adjustable
10	White strobe	Adjustable	Adjustable	**Note:**	**"M+" button stops at mode 20**		

* Mode 20 cycles through modes 1-19 and their previously retained adjusted settings

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 18 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.