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Instruction Sheet

Part Number:

RGB-WIFI-RF-CON

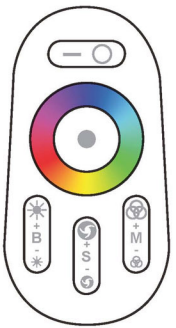
Important: Read all instructions prior to installation.

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

Parts Included

1 - 2.4Ghz Wi-Fi Compatable RGBW Controller
1 - 2.4Ghz Sync-able RF Touch Color Remote

RF Remote



Button	Functions
	Turn strip on and off, retaining the last setting
COLOR WHEEL	Directly select color on wheel from any mode or color selection
BRIGHTNESS +/-	Dim strip in any static color mode and most dynamic modes by pressing negative (-) symbol. Brighten strip by pressing positive (+) symbol
SPEED +/-	Increase and decrease speed on dynamic modes
MODE +/-	Cycle up or down through 15 different dynamic modes and static white mode. (2)

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

Features

LDRF-RGBW6-TC4 4 channel RGBW (Red, Green, Blue and White) LED strip controller with color touchwheel for directly selecting a wide range of colors.

Offers 13 dynamic modes and 2 static modes with adjustable brightness, speed and mode retention (controller resumes modes with the settings previously selected).

May be used with RGBW strips (see Wiring Method 2) or separate RGB and white strips (see Wiring Method 1).

Instructions

Pre-test & Configure
Remove strip from reel and make connections to power supply and controller (see "Method 1" or "Method 2" diagram).

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

Choose suitable location for the power supply and controller. Use in dry locations only. Before adhesive backed are installed ensure all installation surfaces are clean and dry.

Mounting LED Strips
Begin to remove strip's backing while adhering to desired mounting surface. Press firmly to secure strips to surface.

Sync Controllers

The LDRF-RGBW6-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 and fastest way to re-program several controller devices 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.

Programming Procedure:

I. Wire all controller devices to one power supply or power strip but don't turn it on yet.

II. With the power off, grab the remote.

III. Turn on the power supply.

IV. Within 3 seconds of providing power press the  button once.

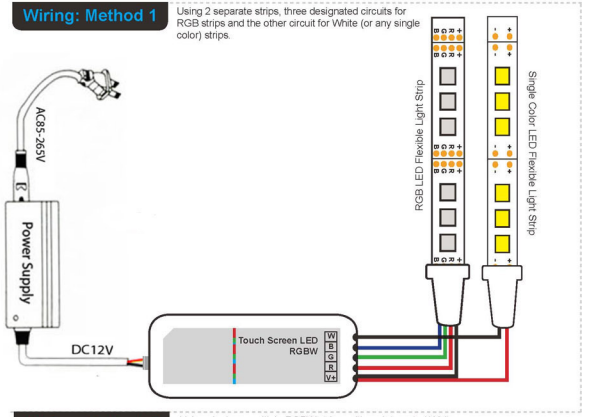
If programming was successful any connected light strips should blink twice slowly and remote will immediately be functional.

905-855-1800 Sales@ledstripsales.com

12-24 Volt DC | 2.4G wifi capable *LED controller sold seperately* | RoHS Compliant | Warranty Lifetime Guarantee

Wiring: Method 1

Using 2 separate strips, three designated circuits for RGB strips and the other circuit for White (or any single color) strips.



Wiring: Method 2

Using single or multiple RGBW strips, with an integrated White (W) channel to control all White LEDs separately on strip

Modes List

Mode	Function	Brightness	Speed Controls
1	Color wheel activated for single color	Adjustable	Not adjustable
2	Static White (brightness settings retain on Mode 3 & 15)	Adjustable	Not adjustable
3	Static White and color wheel activated	Adjustable	Not adjustable
4	Tri-color crossfade	Adjustable	Adjustable
5	Four color fade change (with White)	Adjustable	Adjustable
6	Four color instant change (with White)	Adjustable	Adjustable
7	Seven color strobe change (with white)	Adjustable	Adjustable
8	Red/White instant change	Adjustable	Adjustable
9	Blue/White instant change	Adjustable	Adjustable
10	Green/White instant change	Adjustable	Adjustable
11	Red strobe	Adjustable	Adjustable
12	Blue strobe	Adjustable	Adjustable
13	Green strobe	Adjustable	Adjustable
14	White strobe	Adjustable	Adjustable
15	Cycles through all patterns and their previously retained adjusted settings	Not adjustable	Not adjustable

Safety

- DO NOT connect controller or strips directly to 120V AC power. This controller requires a 12V or 24V DC power supply.
- DO NOT exceed max load of 24 Amps total, 6 Amps per channel, 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 and light strip to direct or indirect moisture.
- Always observe proper polarity when connecting power and load.