LUMENSTAR
LED LIGHTING

MULTI-ZONE RF LED CONTROLLERS WITH WIFI CAPABILITY

Lumenstar's Multi-zone WiFi controller series offers full control and customization of LED lighting. With the RF remote, adjust the speed, brightness and color. Choose the right remote for your application.

Features

- Controls up to 4 zones with hand-held remote
- Set custom scenes
- Can control via app on iOS & Android devices over WiFi or directly to receiver
- Includes magnetic wall mount for remote

Applications

Suitable for RGB / RGBW / CCT / Single Color 12V to 24V DC LED lights including flexible strip, neon, step lights, puck lights

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Selecting Lighting Control System

1. Select a remote based on the lighting type (RGB, RGBW, CCT or SC) you will be using. Multiple remotes can be used.
2. Choose the number of receivers required for the number of separate zones.
3. Make sure each individual receiver can handle the loads (Amps or Watts) of the light source.
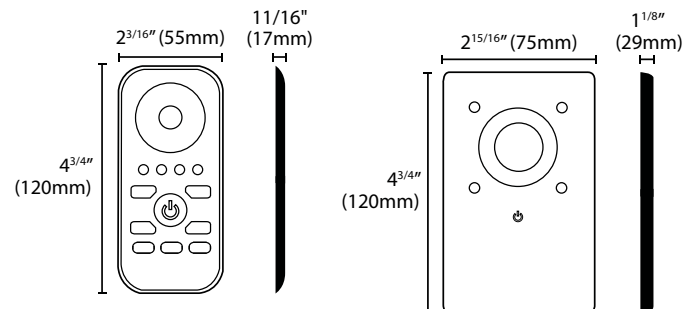4. Select the correct low voltage power supply(s) to meet the load requirements of the system.

Remotes can be paired to multiple receivers, 2+ receivers can be controlled by one remote.

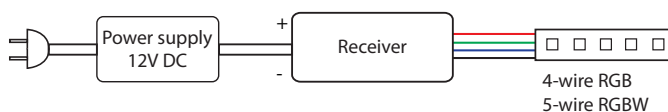Receivers can have multiple remotes paired, 2+ remotes can be paired to one receiver.

Available Remotes

RGB   RGBW   CCT   Single Color

Dimensions

2³/₁₆″ (55mm)   11/16" (17mm)

4³/₄″ (120mm)

2¹⁵/₁₆″ (75mm)   1¹/₈″ (29mm)

4³/₄″ (120mm)

Install Diagram

Power supply 12V DC

Receiver

4-wire RGB
5-wire RGBW

Controllers

Image	Product	Code	Specs	Description
	RGB Controller	LS-RGB-MZR	4.5V (3xAAA battery) input 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls RGB LED Lights Functions: Multi-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors Magnetic wallmount included
	RGBW Controller	LS-RGBW-MZR	4.5V (3xAAA battery) input 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls RGBW LED Lights Functions: Multi-zone (4), 3 Presets, Dimming, Fade/Flash/Jump, Custom colors Magnetic wallmount included
	CCT Controller	LS-CCT-MZR	4.5V (3xAAA battery) input 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls CCT LED Lights Functions: Multi-zone (4), 3 Presets, Dimming Magnetic wallmount included
	Single Color Controller	LS-SC-MZR	4.5V (3xAAA battery) input 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls Single Color Lights Functions: Multi-zone (4), 3 Presets, Dimming Magnetic wallmount included
	RGB/W Wall Mount	LS-RGB-MZWMR	12-24V DC Input, 2.5-5W 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls RGB or RGBW LED Lights Functions: 3 Presets, Fits single gang box, Dimming, Fade/Flash, Custom colors Includes 6W driver
	Single Color Wall Mount	LS-SC-MZWMR	12-24V DC Input, 2.5-5W 868Mhz frequency 15M (50') remote range 0°C~+40°C working temp 2-year warranty	Controls Single Color LED Lights Functions: 3 Presets, Fits single gang box, Dimming, Fade/Flash, Custom colors Includes 6W driver

Note: Dimmable power supplies cannot be used with our RGB/RGBW controllers. All of our RGB/RGBW controllers are dimmable with remote.

Receivers / Amplifiers

Image	Product	Code	Specs	Dimensions
	Multi-zone WiFi Indoor Receiver	LS-RCV-MZ8A	12-36V DC input 4x8A/Channel output 4x(96-288W) output power WiFi capable	L6$^{5/8}$ x W2$^{5/16}$ x 1$^{1/8}$" (L168 x W58 x H28mm)
	Multi-zone WiFi Outdoor Receiver *Outdoor rated for harsh environments*	LS-RCV-O-MZ5A	12-36V DC input 4x5A/Channel output 4x(60-180W) output power Functions as master or slave	L7$^{1/8}$ x W2$^{15/16}$ x 1$^{1/2}$" (L180.5 x W74 x H38mm)
	RGBW Amplifier *Constant voltage*	LS-RGB-AMP-8A	12-36V DC input 4x8A/Channel output 4x(96-288W) output power Supports PWM signal control	L6$^{11/16}$ x W2$^{5/16}$ x 1$^{1/8}$" (L170 x W58 x H28mm)