



Multi-Zone RGB Controller



Intuitive Multi-Zone Wireless Control

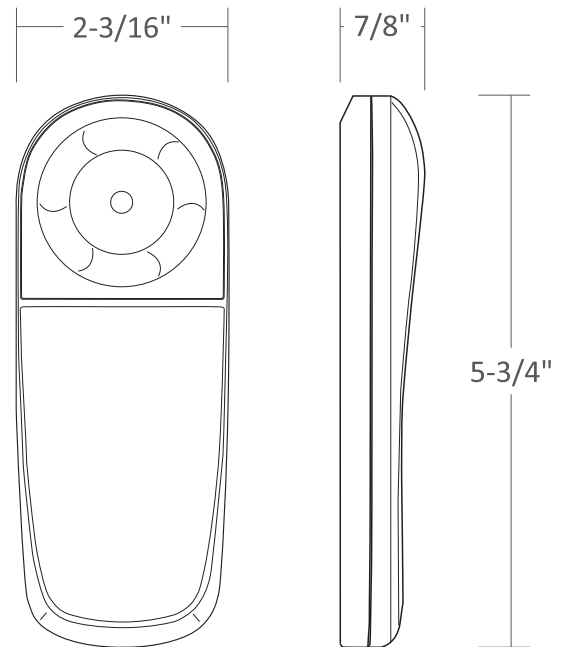
The MaxBrite Multi-Zone Wireless RGB Controller offers a simple solution for controlling multiple sets of RGB luminaires.



Specifications:

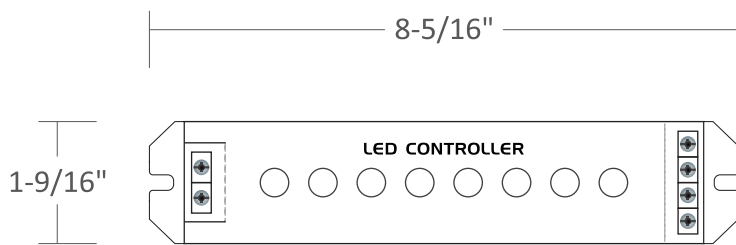
REMOTE

Dimensions:	5-3/4" x 2-3/16" x 7/8"
Input voltage:	5V DC built-in lithium-ion battery
Charge method:	Mini-B USB port (cable included)
Working current:	<30 mA
Working frequency:	2.4 GHz
RF remote distance:	100 ft (30 m)
Transmitting rate:	500 Kbps
Battery capacity:	1000 mAh
Standby time:	1 year
Normal use time:	30 days
Charge time:	<4 hours
Number of charge cycles:	500+
Weight:	9.6 ounces
Max. number receivers:	Unlimited (within effective range)

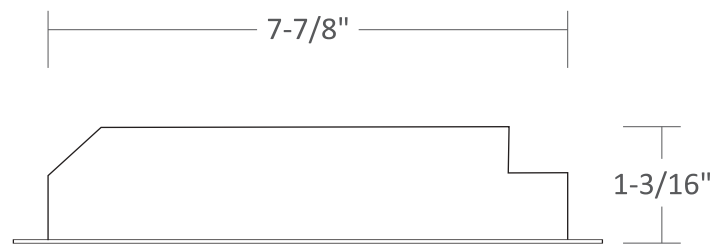


RECEIVER

Dimensions:	8-5/16" x 1-1/2" x 1-3/16"
Channels:	3: Red, Green, and Blue
Input voltage:	12 or 24 Volts DC
Max. current load:	5A per channel
Max. output power:	180W/360W (12V/24V)
PWM Frequency:	480 Hz
Weight:	8.0 ounces

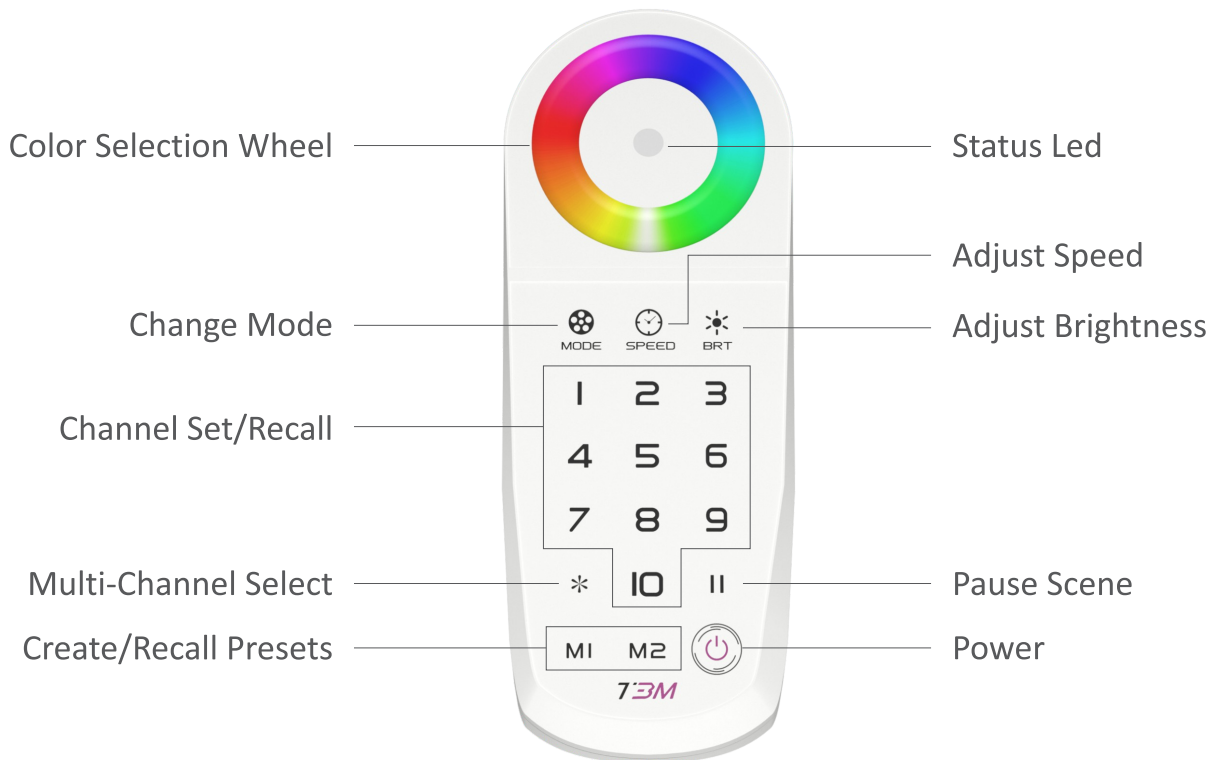


Top View

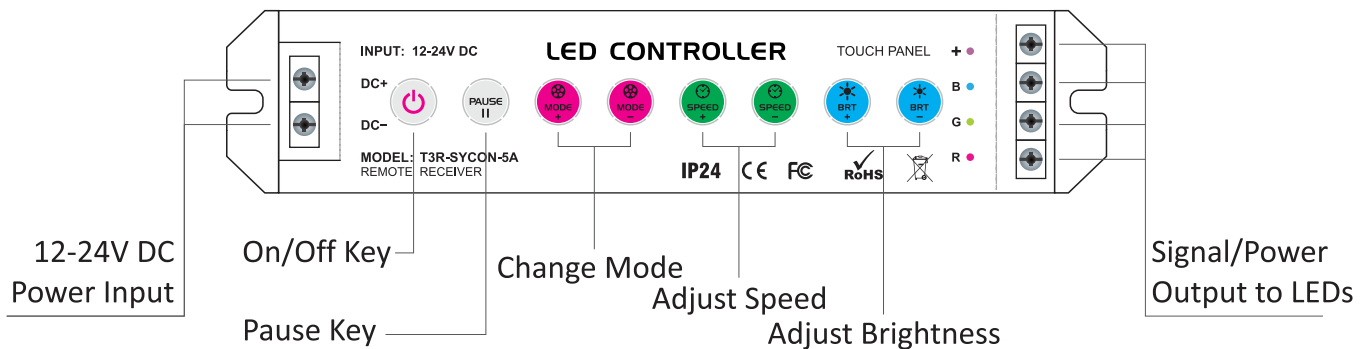


Side View

T3M Remote Interface:



T3R Receiver Interface:





Remote Control Charging Instructions:

1. To charge the remote, connect a Mini USB-B cable to the charge port and plug into a mobile device charger or computer.
2. The blue indicator light pulses while charging, and turns green once charging is complete. The remote control can be charged even in the "off" state, while the indicator light will remain dark.
3. There is no "memory effect" in this lithium battery pack. Follow the standard charging procedure from the start - the battery will not over-charge.
4. Red indicator light pulses to indicate low battery.
5. If remote is not used for an extended period of time, please keep battery at least 50% charged. Plug in remote every two/three months, otherwise overall battery capacity may diminish.

Pairing Remote Control & Receiver Instructions:

1. Turn on the receiver and remote control.
2. Press and hold the *power* button on the receiver for 2 seconds until you hear a beep, CONTINUE holding the *power* button on the receiver, then press any number on the remote to assign a zone. You will hear a confirmation beep from both the receiver and the remote and the LED indicator on the remote will flash 3 times. Release all keys.



You can create up to 10 different zones, with unlimited receivers per zone. Follow the above steps to pair each additional receiver.

Un-Pairing Instructions:

1. Turn on the receiver and remote control.
2. To un-pair a receiver, press and hold the *power* button on the RECEIVER for 10 seconds until you hear a long beep. Release *power* button.
3. To reset a remote from all paired receivers, press and hold the *power* button on the REMOTE for 10 seconds until the light flashes red, then flashes green to indicate a completed reset. Release *power* button.

Zone Selection/Control:

1. To control a single zone, simply press the zone number, then change the color with the touch wheel or preset modes.
2. To control multiple zones, press * + zone numbers + * then change the color with the touch wheel or preset modes. For example, press *124* to control zones 1, 2, and 4 simultaneously.
3. Set selected zone to a dynamic mode by cycling through the *mode* key, using the table below as a guide.
4. Press *speed* key repeatedly to adjust speed progressively faster through 8 levels. For example, repeated presses will set the speed as follows:
... 1(slowest), 2, 3, 4, 5, 6, 7, 8 (fastest), 1, 2, 3, 4, 5, 6, 7, 8 ...
5. To save a preset, set all zones to desired settings, then long-press M1 or M2 to save.
6. To recall a preset, press M1 or M2 to set all zones to their saved setting.

1	RGB Jumping	10	Green / Cyan Color Fade
2	7 Color Jumping	11	Blue / Purple Color Fade
3	White Pulsing	12	Green / Yellow Color Fade
4	7 Color Pulsing	13	Blue / Cyan Color Fade
5	RGB Fade In/Out	14	Red / Purple Color Fade
6	Red / Green Color Fade	15	Blue / White Color Fade
7	Red / Blue Color Fade	16	Yellow / Purple / Cyan Color Fade
8	Blue / Green Color Fade	17	RGB Color Fade
9	Red / Yellow Color Fade	18	Full Color Fade



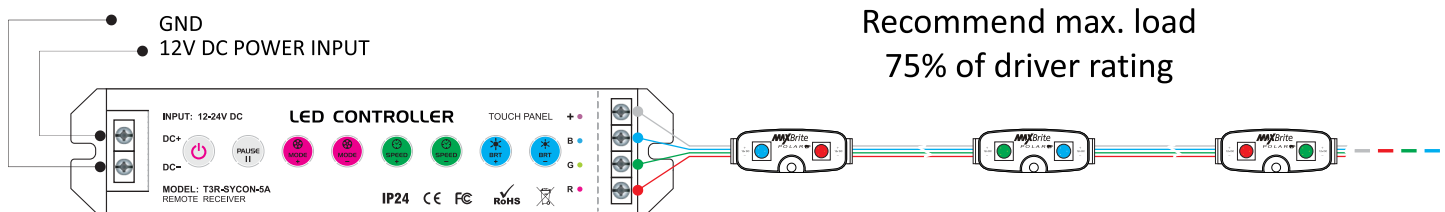
WIRING INSTRUCTIONS

Connect the LED load to the receiver using the R (red), G (green), B (blue), and + (common) sockets. Apply 12V or 24V DC, depending on the requirements of the LED strip, to the power input socket. As shown below, receivers may be connected to the same or different power sources, as long as power needs are met.

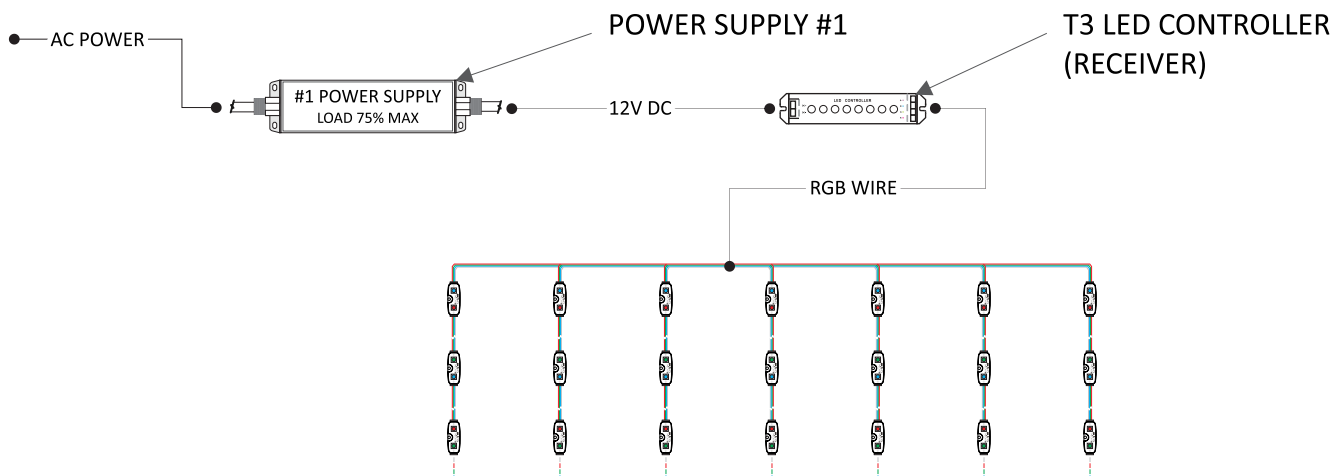
The receiver is ready to use as soon as both power and load are connected. If no remote is to be used, simply touch the mode button plus or minus to cycle through the modes. Speed and brightness adjustments work the same as with the remote. The pause button will stop the mode and hold its current color static. Simply press again to continue the dynamic mode.

After initial pairing of multiple receivers to a remote, and the receivers are within range of each other, they will also automatically sync. This means that your remote must only reach a single receiver, and the signal will be daisy-chained to the other receivers, extending your overall effective range.

WIRING DIAGRAM



SINGLE DRIVER SETUP



MULTIPLE DRIVER SETUP

