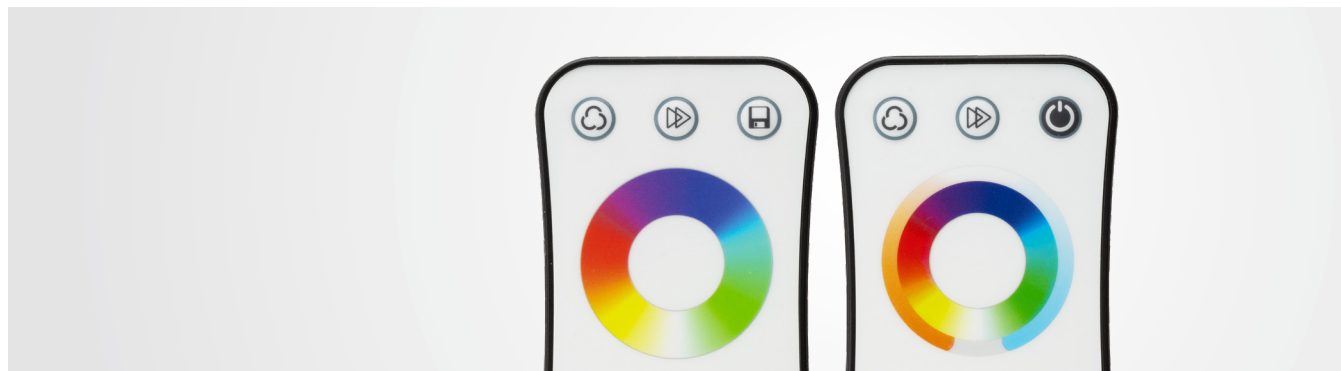


RF REMOTE

Touch Wheel RF Remote for Tape Light

TL-RGBW-RMT / TL-RGBCCT-RMT

SPECIFICATION SHEET



FEATURES

- Apply to RGBW or RGB+CCT LED controllers
- Ultra sensitive color adjustment touch wheel
- Each remote can match to one or multiple controllers
- CR2032 battery powered
- Operate with LED indicator light
- White & Black color available



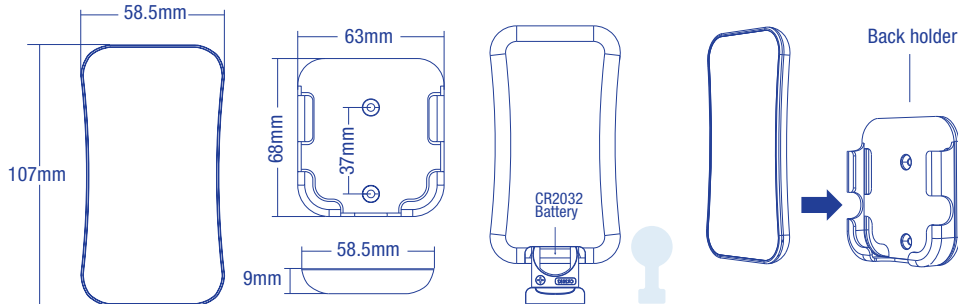
TL-RGBW-RMT
(TL150)

TL-RGBCCT-RMT
(TL200)

TECHNICAL PARAMETERS

Input & Output		Environment	
Output signal	RF (2.4GHz)	Operation temperature	Ta: -30°C ~ +55°C
Working voltage	3VDC (CR2032)	Package	
Working current	<5mA		
Standby current	<10μA		
Standby time	1 year	Size	L120 x W43 x H35mm
Remote distance	30m (barrier-free)	Gross weight	0.062kg
		Warranty	
Safety & EMC		Warranty	5 years
EMC Standard (EMC)	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4		
Safety Standard (LVD)	EN 62362-1 202+AT1:2020		
Radio Equipment (RED)	ETSI EN 300 328 V2.2.2		
Certification	CE, EMC, LVD, RED		

MECHANICAL STRUCTURES & INSTALLATIONS



To fix the remote, there are two mounting options :

1. Fix the remote bracket to the mounting surface with wall screws
2. Use double sided tape to stick the remote bracket to the mounting surface.

OPERATION

When light is on, touch the color wheel and the indicator light will display red. To extend battery life, after a few seconds of no touch or button presses, the remote will enter a sleep mode. Remote will exit sleep mode upon next touch.

MATCH REMOTE CONTROL

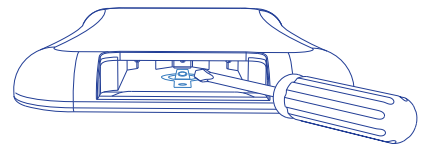
Use the controller Match/Set button:

Match:

1. Ensure controller is set to correct light type (RGBW or RGB+CCT). See WIFI controller settings above.
2. Short press the match/set button followed by the power (on/off) button on the remote. The LED indicator light will flash a few times to confirm well paired.

Delete:

1. Press and hold match/set button for 5s to delete all pairings.
2. The LED indicator will flash a few times to confirm all paired remotes have been deleted.

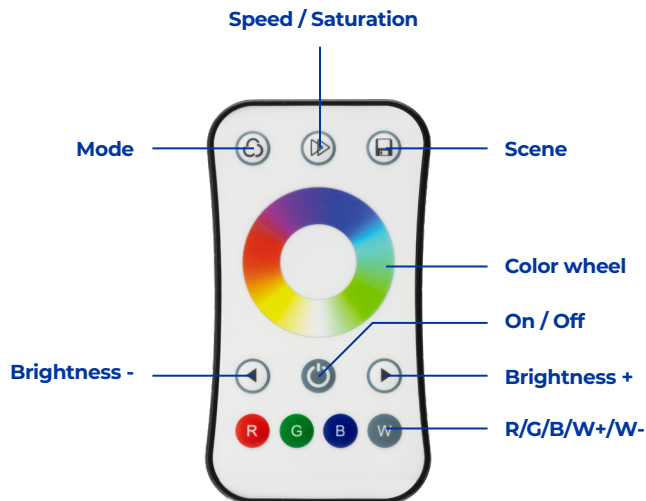


Note

1. Before the first use, ensure to remove the protective film on the battery.
2. If the LED indicator does not appear when pressing buttons on the remote, it may be due to a dead battery or bad contact. For dead battery, replace with CR2032 battery. For a poor contact, using a screwdriver carefully raise the battery contact inside the remote.

RGBW REMOTE KEY FUNCTIONS

On / Off	Turns the light on/off.
Color wheel	Touch to change static RGB color.
Mode	Short press to select next dynamic mode. Long press 2s to run mode cycle.
Speed/Saturation	When in dynamic mode, this button will adjust the speed of the selected mode. Short press will cycle through 10 levels. Long press 2s to return to default speed. When on static RGB color, this button will adjust the color saturation. Short press to cycle through 11 levels. Long press 1-6s to reduce or increase color saturation.
Bright - / +	Adjust brightness of selected color or white setting. Short press to cycle through 10 levels of brightness or long press to reduce or increase brightness level.
R / G / B	Short press to get red, green or blue.
W - / +	When in RGB color, short press to turn on/off white color. Long press to add or remove white color saturation to RGB color mix.
Scene	Short press to recall saved scene. Long press 2s to save current color as the remote scene. LED indicator will stay on for a few seconds on remote to confirm scene is saved.

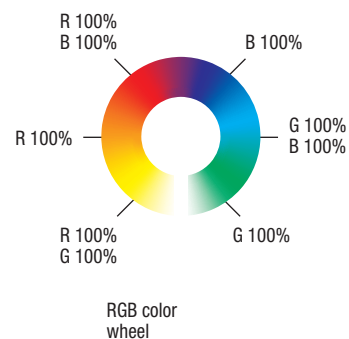
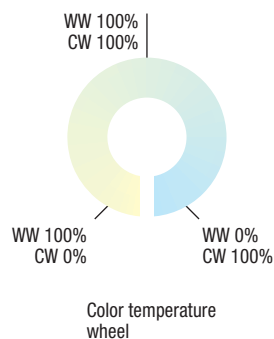
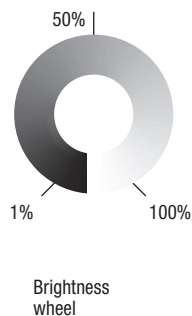


MULTI-COLOR WHEEL

When it is in brightness mode, touch the color wheel to adjust the brightness.

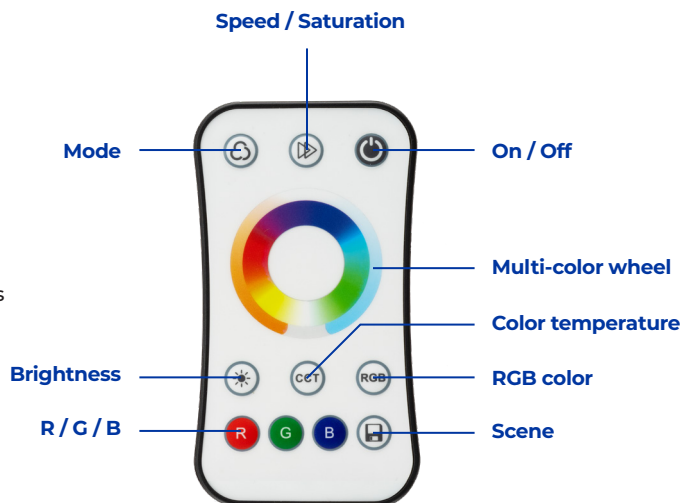
When in CCT mode, use the color wheel to adjust color temperature level.

When in RGB mode, use color wheel to adjust static RGB color.



RGB+CCT REMOTE KEY FUNCTIONS

On / Off	Turns the light on/off.
Mode	Short press to cycle through dynamic color changing modes. Long press 2s to run automatic mode cycle.
Speed / Saturation	When in dynamic mode, this button will adjust the speed of the selected mode. Short press will cycle through 10 levels. Long press 2s to return to default speed. When on static RGB color, this button will adjust the color saturation. Short press to cycle through 11 levels. Long press 1-6s to reduce or increase color saturation.
Brightness	Adjust brightness of selected color or white setting. Short press to cycle through 10 levels of brightness or long press to reduce or increase brightness level. Also, after brightness button press, you can use the color wheel to adjust the brightness level.
CCT	Adjust the CCT color temperature, ranging between 1800K to 6500K. Short press to adjust from 11 levels. Long press to reduce or increase color temperature level. After short press button, can manually adjust the CCT level using the color wheel.
RGB color	Adjust the static RGB color. Short press to cycle 24 color options. After short press one time, can manually select RGB color using color wheel.
R / G / B	Short press to get red, green or blue direct.
Scene	Short press to recall saved scene. Long press 2s to save current color as the remote scene. LED indicator will stay on for a few seconds on remote to confirm scene is saved.

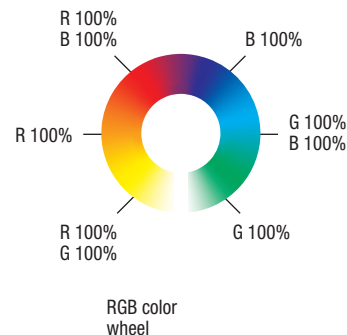
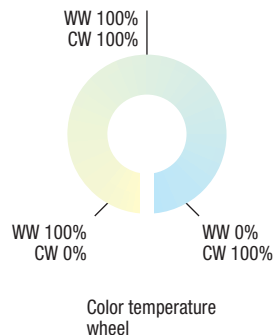
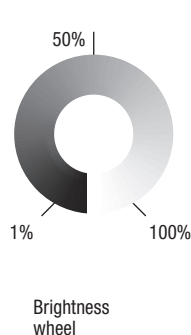


MULTI-COLOR WHEEL

When it is in brightness mode, touch the color wheel to adjust the brightness.

When in CCT mode, use the color wheel to adjust color temperature level.

When in RGB mode, use color wheel to adjust static RGB color.



SAFETY INFORMATION

1. Read all instructions carefully prior to installation.
2. When installing the battery, ensure to check the battery polarity is correct.
3. When battery operating distance/consistency begins to become less, change the battery.
4. If no response to remote operation, re-match the remote to the controller.
5. For indoor, dry location use only.

RGBW REMOTE DYNAMIC MODE LIST

Number	Name	Number	Name
1	RGB jump	6	RGB fade in & out
2	RGB smooth	7	Red fade in & out
3	6 color jump	8	Green fade in & out
4	6 color smooth	9	Blue fade in & out
5	Yellow Cyan Purple smooth	10	White fade in & out

RGB+CCT REMOTE DYNAMIC MODE LIST

Number	Name	Number	Name
1	RGB jump	6	RGB fade in & out
2	RGB smooth	7	Red fade in & out
3	6 color jump	8	Green fade in & out
4	6 color smooth	9	Blue fade in & out
5	Color temperature smooth	10	White fade in & out