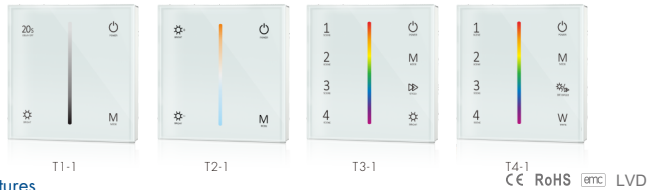


## Wall Mounted Touch Panel

Model No.: T1-1, T2-1, T3-1, T4-1

1-4 color/Glass panel/Touch color slide/DC input/4 channel constant voltage PWM output/Wireless remote control



### Features

- Touch panel single color, dual color, RGB or RGBW PWM constant voltage controller.
- Ultra sensitive high strength glass touch panel with touch color slide in the middle.
- Compatibility with RF 2.4G single zone or multiple zone remote control.
- Touch keys with LED indicator.
- White & Black glass panel available.

### Technical Parameters

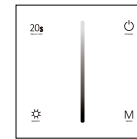
Input and Output				
Model	T1-1	T2-1	T3-1	T4-1
Input voltage	12-24VDC	12-24VDC	12-24VDC	12-24VDC
Input current	12.5A	12.5A	12.5A	12.5A
Output voltage	4 x (12-24)VDC	4 x (12-24)VDC	3 x (12-24)VDC	4 x (12-24)VDC
Output current	4CH,3A/CH	4CH,3A/CH	3CH,4A/CH	4CH,3A/CH
Output power	144-288W	144-288W	144-288W	144-288W
Output type	Constant voltage	Constant voltage	Constant voltage	Constant voltage
PWM frequency	2000Hz	2000Hz	1000Hz	1000Hz
Light type	Single color	Dual color	RGB	RGBW

Safety and EMC		Environment	
EMC standard [EMC]	ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4	Operation temperature	Ta: -30°C ~ +55°C
Safety standard[LVD]	EN 62368-1:2020+A11:2020	Case temperature (Max.)	Tc: +85°C
Radio Equipment[RED]	ETSI EN 300 328 V2.2.2	IP rating	IP20
Certification	CE,EMC,LVD,RED	<b>Warranty and Protection</b>	
<b>Weight</b>		Warranty	5 years
Net weight	0.177kg	Protection	Reverse polarity Over heat Short circuit
Gross weight	0.231kg		

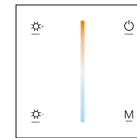
### Key function

#### • T1-1 Single color panel



- ☰ — Turn on/off light.
- ▬ — Brightness slide.
- ☼ — Brightness, 10 levels.
- 20s — Turn off light after 20s.
- M — Dynamic mode, 6 level speed.

#### • T2-1 Dual color panel



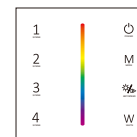
- ☰ — Turn on/off light.
- ▬ — Color temperature.
- ☼+ — Brightness +, 10 levels.
- ☼- — Brightness -, 10 levels.
- M — Dynamic mode, 6 level speed.

#### • T3-1 RGB panel



- ☰ — Turn on/off light.
- ▬ — Color slide.
- ☼ — Brightness, 10 levels.
- ⏮ — Adjust dynamic mode speed, 10 levels.
- M — Short press play 10 built-in dynamic mode, long press 2s run mode-cycle.
- 1 2 3 4 — 4 Scenes, short press recall scene.  
Long press 2s to save the current color into 1/2/3/4.

#### • T4-1 RGBW panel

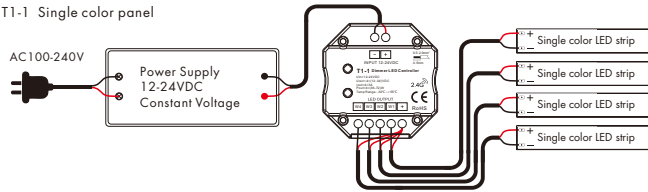


- ☰ — Turn on/off light.
- ▬ — Color slide.
- ☼ — Adjust dynamic mode speed or static color brightness, 10 levels.
- M — Short press play 10 built-in dynamic mode, long press 2s run mode-cycle.
- W — Short press turn on/off W channel, long press adjust W channel brightness.
- 1 2 3 4 — 4 Scenes, short press recall scene.  
Long press 2s to save the current color into 1/2/3/4.

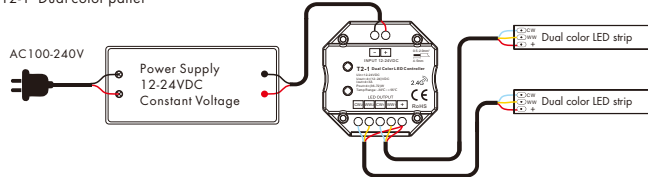
**Turn on key tone:** Long press power key for 5s when light is off, will turn on or turn off key tone.

## Wiring diagram

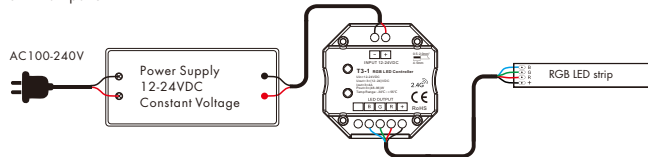
### • T1-1 Single color panel



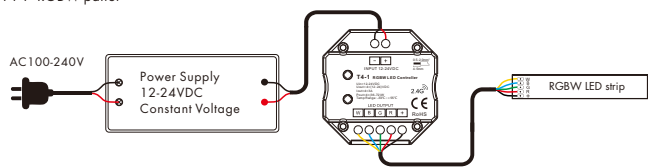
### • T2-1 Dual color panel



### • T3-1 RGB panel



### • T4-1 RGBW panel



LED power supply voltage and power select :

- 12V lamp, Input 12V power supply, can load 0~144W,
- 24V lamp, Input 24V power supply, can load 0~288W, The power supply must larger than load power 20%.

## Match Remote Control (two match ways)

The touch panel controller can also match with the RF remote (optional).

End user can choose the suitable match/delete ways. Two options are offered for selection:

### Use On/Off key

Match:

Turn on light, turn off, immediately press the On/Off key of the panel for 5s, then press on/off key (single zone remote) or zone key (multiple zone remote) of the RF remote within 5s.  
The LED indicator fast flash 3 times means match is successful.

Delete:

Turn on light, turn off, immediately press the On/Off key of the panel for 10s, delete all matched RF remote. The LED indicator fast flash 6 times means all matched remotes were deleted.

### Use Power Restart

Match:

Switch off the power, then switch on power, repeat again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.

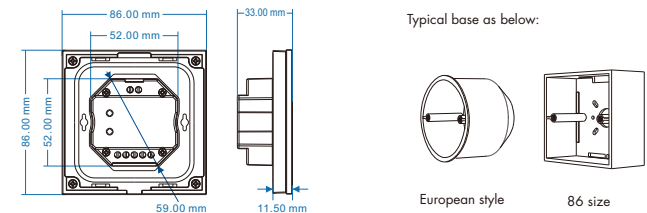
Delete:

Switch off the power, then switch on power, repeat again, immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.

## RGB/RGBW dynamic mode list (only for T3-1 / T4-1)

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

## Mechanical Structures and Installations



Typical base as below:

Installation diagram:

