Wall Mounted Touch Panel

Model No.: T2-L

2 channel 0/1-10V signal output / Touch glass panel / CCT Dimming / AC input / Wireless remote control

Features

- Touch panel RF 0/1-10V dimmer, output 2 channel 0/1-10V signal for CCT dimming.
- The two channel output can be set as warm white and cool white respectively,
  or one for brightness adjust and the other for color temperature adjust.
- 0-10V or 1-10V output selectable by DIP switch.
- 256 levels 0-100% dimming smoothly without any flash.
- Compatibility with RF 2.4G single zone or multiple zone remote control.
- Ultra sensitive high strength glass touch panel with touch color slide.
- Smooth and accurate color adjustment by touching the color slide.
- Touch keys with LED indicator.
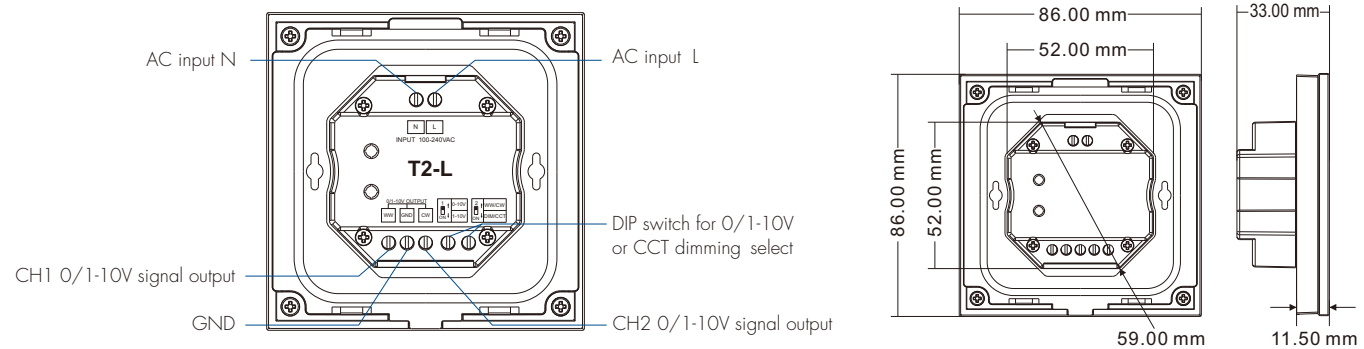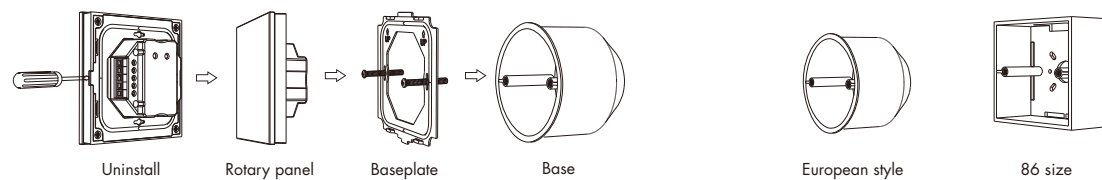- White & Black glass panel available.

CE RoHS emc RED

Technical Parameters

Input and Output

Input and Output	
Input voltage	AC100-240V
Output signal	2 x 0/1-10V
Output current	2CH, 20mA/CH

Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +65°C
IP rating	IP20

Dimming data

Dimming data	
Input signal	Touch key + RF 2.4GHz
RF Control distance	10m(Barrier-free space)
Dimming level	256 levels
Dimming range	0-100%

Package	
Size	L112 x W112 x H50mm
Gross weight	0.230kg

Safety and EMC

Safety and EMC	
EMC standard (EMC)	ETSI EN 301 489-1 V2.2.3
	ETSI EN 301 489-17 V3.2.4
Safety standard	EN 62368-1:2020+A11:2020
Radio Equipment(RED)	ETSI EN 300 328 V2.2.2
Certification	CE,EMC,RED

Warranty	
Warranty	5 years

Mechanical Structures and Installations

AC input N
AC input L
N L
INPUT 100-240VAC
T2-L
DIP switch for 0/1-10V or CCT dimming select
CH1 0/1-10V signal output
GND
CH2 0/1-10V signal output

86.00 mm
52.00 mm
86.00 mm
52.00 mm
59.00 mm
33.00 mm
11.50 mm

Installation diagram:

Uninstall   Rotary panel   Baseplate   Base

Typical base as below:

European style   86 size

Key function

On/Off —— Turn on/off light.

—— Increase color temperature, 10 levels.

—— Decrease color temperature, 10 levels.

—— Color temperature slide.

—— Brightness slide.

SCENE 1 SCENE 2 SCENE 3 SCENE 4 —— Short press recall the scene, long press 5s save current color into scene 1/2/3/4.

### Scene locking:

- Scene keys can be set to locked state, cancel long press for 5 seconds to save the scene function (default scene is not locked).
- Short press the panel on/off key, turn on the light first, then turn off the light, immediately long press the panel on/off key for 5 seconds, then immediately long press any one scene key for 5 seconds to set all scene keys to locked state.
- Short press the panel on/off key, turn on the light first, then turn off the light, immediately long press the panel on/off key for 5 seconds, then immediately long press any one scene key for 10 seconds to restore all scene keys to unlocked state.

Wiring diagram
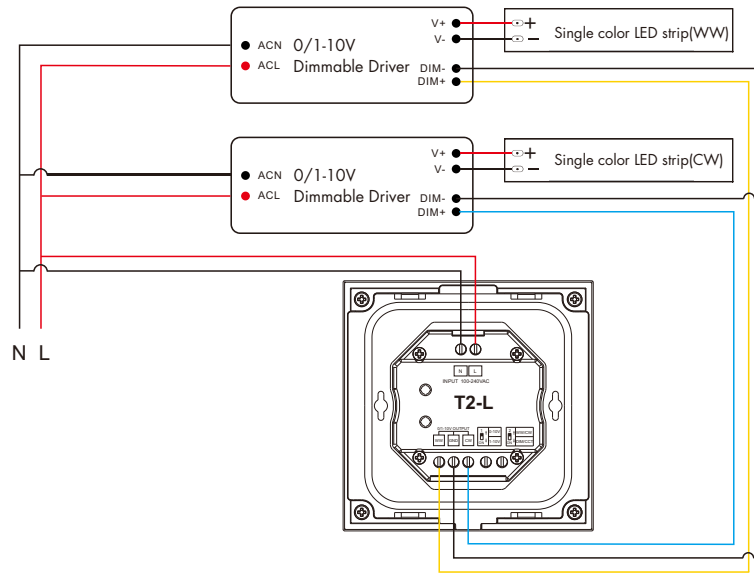
Note:
We recommend the number of LED drivers connected to 0/1-10V dimmer does not exceed 50 pieces,
The maximum length of the wires from dimmer to LED driver should be no more than 50 meters.

Match Remote Control (two match ways)

The 0-10V touch panel dimmer 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 to delete all match,
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.
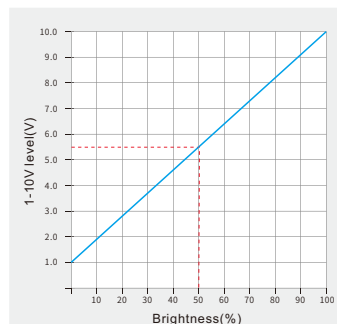The light blinks 5 times means all matched remotes were deleted.

0-10V or 1-10V dimming setting

Select 0-10V dimmer or 1-10V dimmer according to dimmable LED driver.

0-10V Dimmer
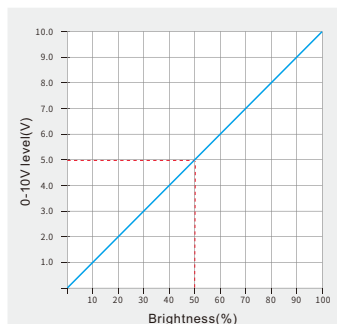
1-10V Dimmer

CCT dimming setting

Select the DIP switch 2 OFF, set as CH1 for warm white dimming and CH2 for cool white dimming respectively.

Select the DIP switch 2 ON, set as CH1 for for brightness adjust and CH2 for color temperature adjust.