

# Wall Mounted Rotary Panel

Model No.: T1-K, T2-K, T3-K



1-3 color/Glass panel/Rotary dimming/DC input/3 channel constant voltage PWM output/Wireless remote control



T1-K



T2-K



T3-K

CE RoHS LVD

## Features

- Rotary panel single color, dual color or RGB PWM constant voltage controller.
- Rotate knob to change RGB color, color temperature or brightness.
- Compatibility with Skydance's 2.4G dimming remote control.
- Push/Rotate with chord tones and LED indicator.

## Technical Parameters

| Input and Output |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| Model            | T1-K             | T2-K             | T3-K             |
| Input voltage    | 12-24VDC         | 12-24VDC         | 12-24VDC         |
| Input current    | 12.5A            | 10.5A            | 12.5A            |
| Output voltage   | 3 x (12-24)VDC   | 2 x (12-24)VDC   | 3 x (12-24)VDC   |
| Output current   | 3CH,4A/CH        | 2CH,5A/CH        | 3CH,4A/CH        |
| Output power     | 144-288W         | 120-240W         | 144-288W         |
| Output type      | Constant voltage | Constant voltage | Constant voltage |
| Light type       | Single color     | Dual color       | RGB              |

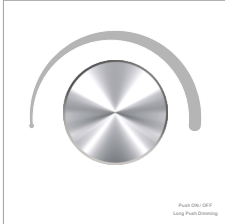
| Safety and EMC       |                    |
|----------------------|--------------------|
| EMC standard (EMC)   | EN301 489,EN 62479 |
| Safety standard(LVD) | EN60950            |
| Radio Equipment(RED) | EN300 328          |
| Certification        | CE,EMC,LVD,RED     |

| Environment             |                     |
|-------------------------|---------------------|
| Operation temperature   | Ta: -30 °C ~ +55 °C |
| Case temperature (Max.) | Tc: +85 °C          |
| IP rating               | IP20                |

| Warranty and Protection |                  |
|-------------------------|------------------|
| Warranty                | 5 years          |
| Protection              | Reverse Polarity |

## Knob function

### T1-K Single color dimmer

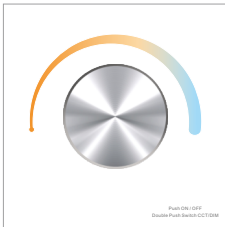


- **Push:** Turn on or off light.

After turn on light:

- **Rotate:** Rotate knob to adjust brightness (2.5 turns, 50 levels).
- **Long push(1-6s):** Continuous 256 levels brightness adjustment.

### T2-K Dual color temperature

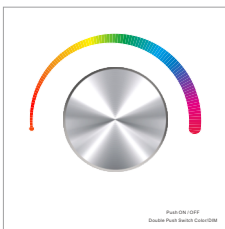


- **Push:** Turn on or off light.

After turn on light:

- **Rotate:** Rotate knob to change color temperature or brightness (2.5 turns, 50 levels).
- **Push twice:** Switch between color temperature or brightness adjustment.
- **Long push(1-6s):** Continuous 256 levels brightness adjustment.

### T3-K RGB



- **Push:** Turn on or off light.

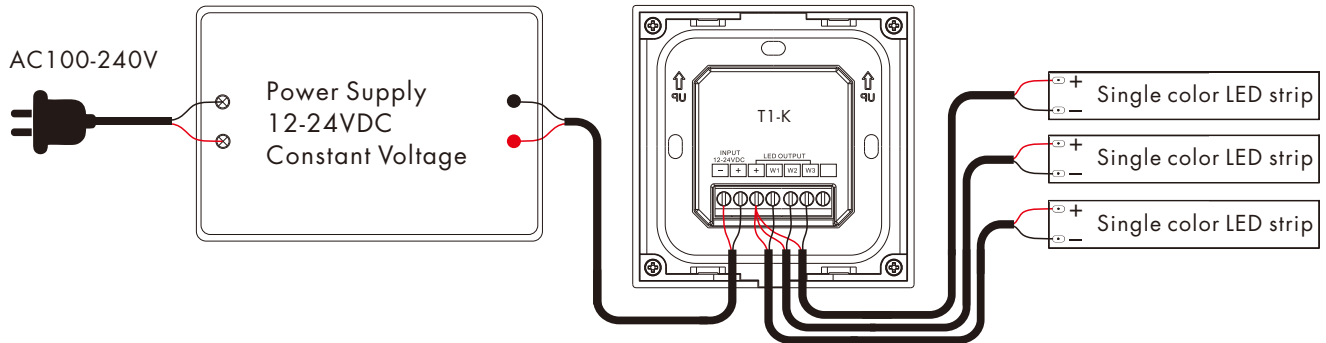
After turn on light:

- **Rotate:** Rotate knob to change RGB color (3 turns, 60 colors) or brightness (2.5 turns, 50 levels).
- **Push twice:** Switch between RGB color or brightness adjustment.
- **Long push(1-6s):** Continuous 256 levels brightness adjustment.

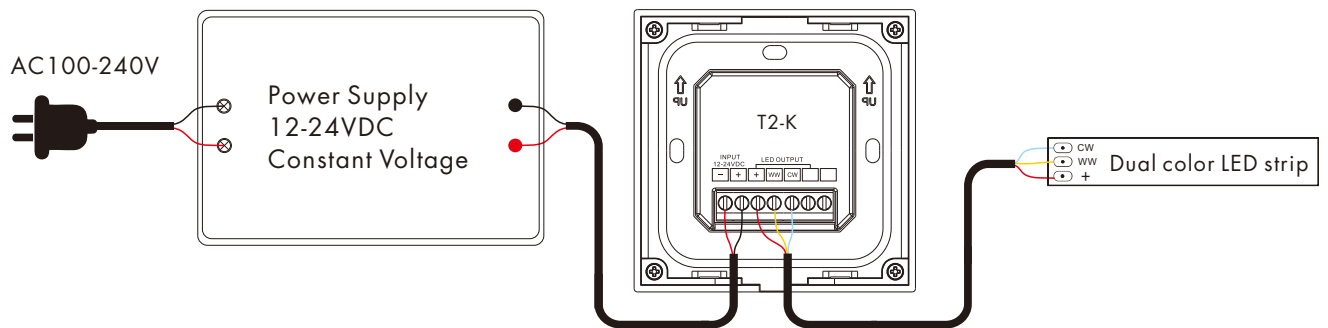
**Note:** After push knob to turn off light, long press push knob for 5 seconds will turn on or turn off tone.

## Wiring diagram

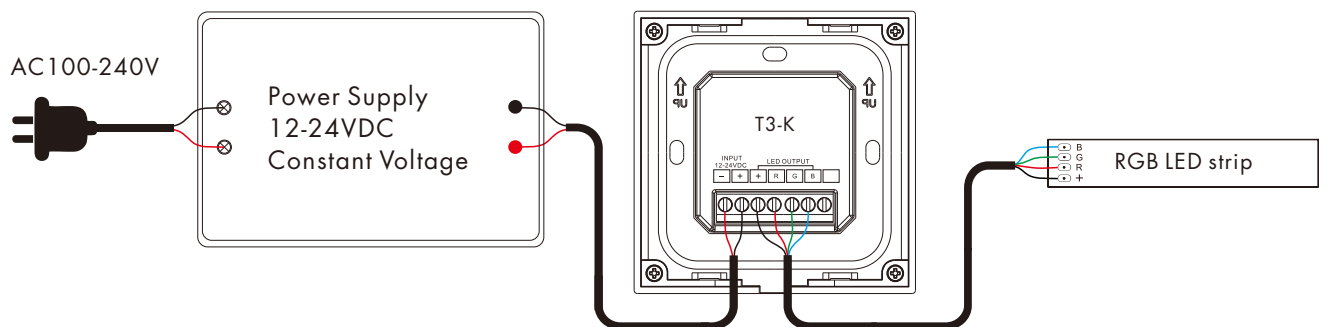
### • T1-K



### • T2-K



### • T3-K



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 power must larger than load power 20%.

## Match Remote Control (two match ways)

The rotary 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 Knob

Match:

Turn on light, turn off, immediately push the knob for 5s, then press on/off key (single zone remote) or zone key (multiple zone remote) of the RF remote within 5s.

Delete:

Turn on light, turn off, immediately push the knob for 10s, delete all matched RF remote.

### Use Power Restart

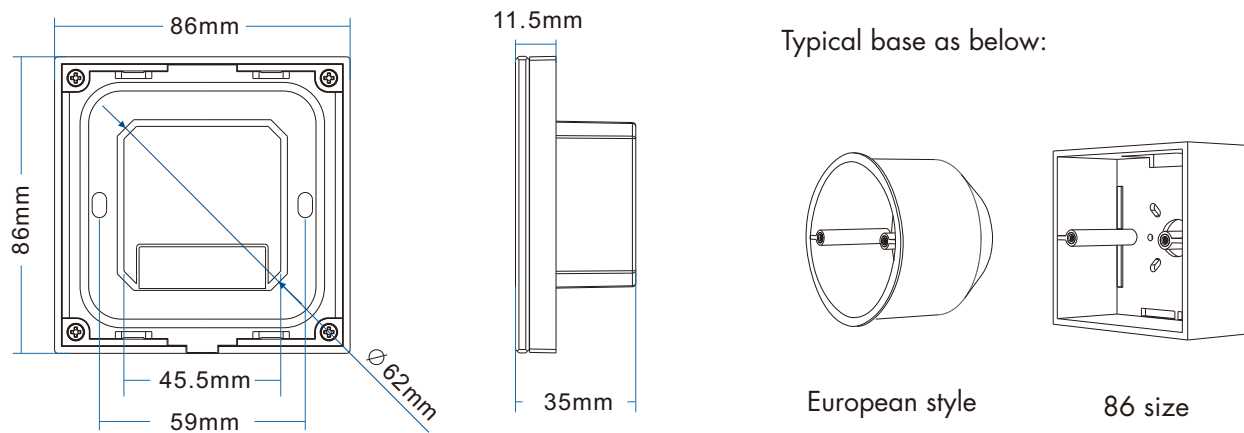
Match:

Switch off the power, then switch on power 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 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.

## Mechanical Structures and Installations



Installation diagram:

