Wall Mounted Rotary Panel

Model No.: T11-K, T12-K, T13-K

1-3 color/Glass panel/Rotary dimming/AC input/DMX 512 and RF 2.4G signal output

T11-K   T12-K   T13-K

CE RoHS emc LVD

Features

● Rotary panel single color, dual color or RGB DMX512 master, can also be used as one zone RF remote.
● DMX signal output, comply to standard DMX512 protocol, compatible with DMX decoder from any supplier.
● When work as DMX512 master, compatibility with Skydance's 2.4G single zone or multiple zone remote control.
● When used as RF remote, can remote control multiple Skydance's 2.4G LED controllers.
● Rotate knob to change RGB color, color temperature or brightness.
● 256 levels 0-100% dimming smoothly without any flash.
● Push/Rotate with chord tones and LED indicator.

Technical Parameters

Model No.	T11-K	T12-K	T13-K
Light type	Single color	Dual color	RGB
Output DMX channel number	1	2	3

Input and Output	
Input voltage	100-240VAC
Input current	Max 0.1A
Output signal	DMX512, RF 2.4GHz

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

Warranty	
Warranty	5 years

Dimming data	
Input signal	Rotary knob + RF 2.4GHz
RF Control distance	30m
Dimming level	256 levels
Dimming range	0 -100%

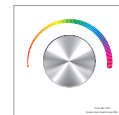| Environment	
Operation temperature	Ta: -30°C ~ +55°C
Case temperature (Max.)	Tc: +65°C
IP rating	IP20

Knob function

T11-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.

T12-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.
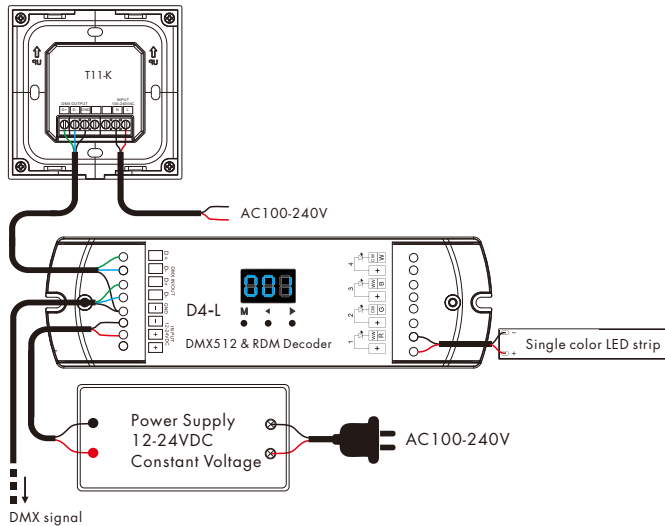● **Long push(1-6s):** Continuous 256 levels brightness adjustment.

T13-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 for rotary panel work as DMX512 master

T11-K

AC100-240V

D4-L

DMX512 & RDM Decoder

Single color LED strip

Power Supply
12-24VDC
Constant Voltage

AC100-240V

DMX signal

When the rotary panel controller work as DMX512 master, it 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)
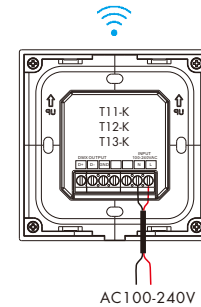or zone key (multiple zone remote) of the RF remote
within 5s.

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.

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.

Wiring Diagram for rotary panel work as RF remote

When the rotary panel controller work as RF remote,
it need match with other Skydance's 2.4G LED controllers
End user can choose the suitable match/delete ways.
Two options are offered for selection:

Use the controller's Match key

Match:
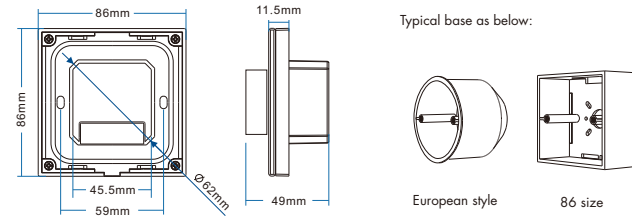Short press match key, immediately short press the knob of the rotary panel.

Delete:
Press and hold match key for 5s to delete all match,
The light blinks 5 times means all matched remotes were deleted.

Use Power Restart

Match:
Switch off the power of the receiver, then switch on power again,
immediately short press the knob 3 times on the rotary panel.
The light blinks 3 times means match is successful.

Delete:
Switch off the power of the receiver, then switch on power again,
immediately short press the knob 5 times on the rotary panel.
The light blinks 5 times means all matched remotes were deleted.

T11-K
T12-K
T13-K

AC100-240V

Mechanical Structures and Installations

86mm

86mm

45.5mm

59mm

Ø62mm

11.5mm

49mm

Typical base as below:

European style

86 size

Installation diagram:

Uninstall   Rotary panel   Baseplate   Base