

# EX4 Touch Panel (RGBW)



Manual

www.ltech-led.com

## Technical Specs

### EX4 RGBW Touch Panel

Input Voltage:	100~240Vac	Dimensions:	L86×W86×H36(mm)
Output Signal:	RF 2.4GHz, DMX512	Package Size:	L113×W112×H50(mm)
Working Temp.:	-30°C~55°C	Weight(G.W.):	225g

### F4-3A CV Receiver

Input Voltage:	5~24Vdc	Working Temp.:	-30°C~55°C
Current Load:	3A × 4CH Max. 12A	Dimensions:	L125×W33×H20(mm)
Max Output Power:	60W/144W/288W(5V/12V/24V)	Package Size:	L127×W35×H24(mm)
Wireless Signal:	2.4GHz	Weight(G.W.):	60g

### F4-5A CV Receiver

Input Voltage:	5~24Vdc	Working Temp.:	-30°C~55°C
Current Load:	5A × 4CH Max. 20A	Dimensions:	L175×W44×H30(mm)
Max Output Power:	100W/240W/480W(5V/12V/24V)	Package Size:	L178×W48×H33(mm)
Wireless Signal:	2.4GHz	Weight(G.W.):	150g

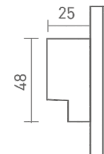
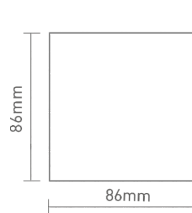
### F4-CC CC Receiver

Input Voltage:	12~48Vdc	Working Temp.:	-30°C~55°C
Output Voltage:	3~46Vdc	Dimensions:	L175×W44×H30(mm)
Output Current:	CC 350/700/1050mA×4CH	Package Size:	L178×W48×H33(mm)
Output Power:	1.05W~48.3W×4CH Max 193.2W	Weight(G.W.):	165g
Wireless Signal:	2.4GHz		

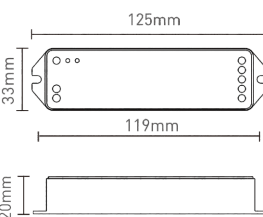
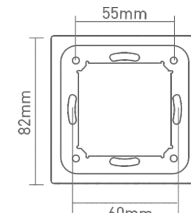
Note: Receiver is sold separately.



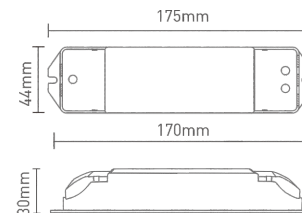
## Product Size:



EX4



F4-3A



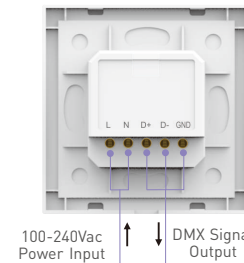
F4-5A/F4-CC

## Key Functions:

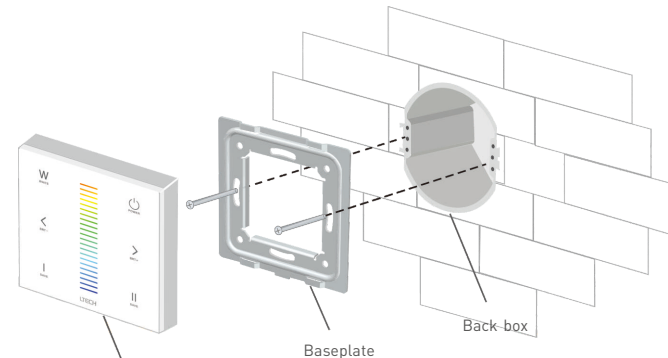


\* When the touch panel is off, Long press to turn on/off the buzzer  
When the touch panel is on, Long press to match code.

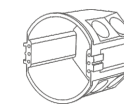
## Terminals:



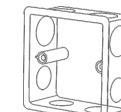
## Installation Instruction:



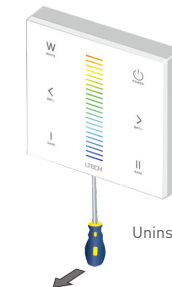
Typical back box as below:



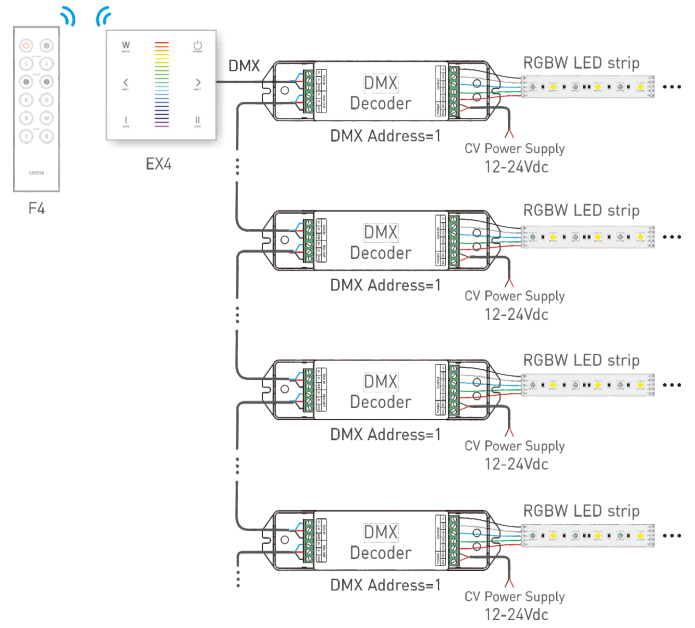
European style



86 size

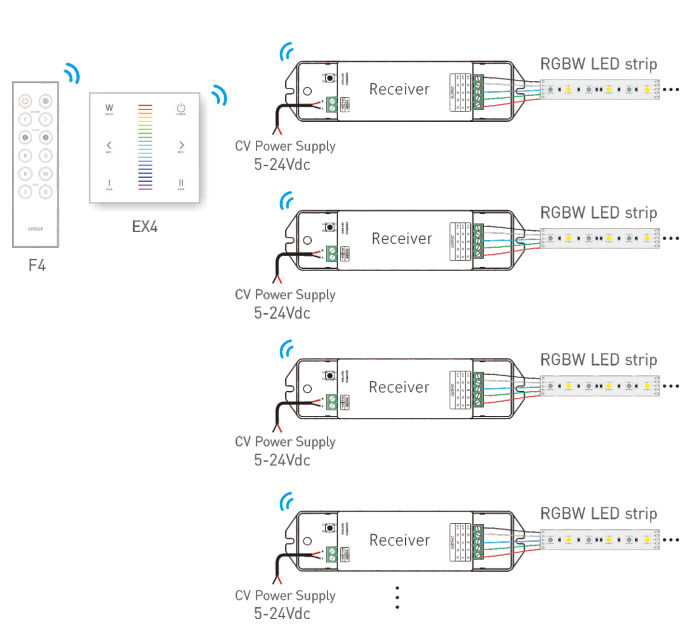


DMX Wiring:



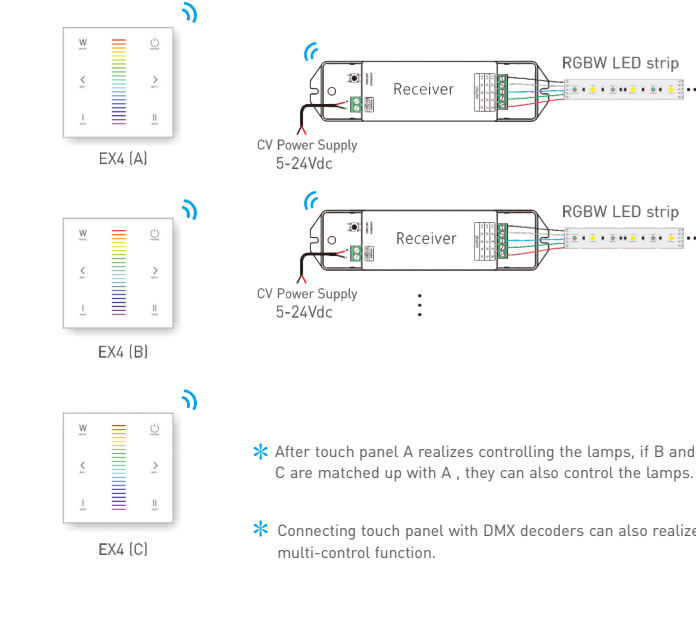
LTECH

RF Wireless Wiring:



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Multi-control Wiring:



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- \* After touch panel A realizes controlling the lamps, if B and C are matched up with A, they can also control the lamps.
- \* Connecting touch panel with DMX decoders can also realize multi-control function.

Match/Clear Code between Touch Panel & Receiver

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Match code:

- Method 1 : When the touch panel is on and the wiring between the receiver and the lamps are correct.
1. Power on the receiver, and complete step 2 within 10s.
  2. Long press on the touch panel, the lamps flicker.
  3. Touch the slider in 5s, the lamps stop flicking, match successfully.

- Method 2 : When the touch panel is on and the wiring between the receiver and the lamps are correct.
1. Short press "ID learning button" on the receiver.
  2. Long press on the touch panel, the lamps flicker.
  3. Touch the slider in 5s, the lamps stop flicking, match successfully.

Clear code:

- Method 1: Power on and off the receiver continuously for 5 times, If the buzzer long beep and lamps flicker twice, deactivate the matching successfully.
- Method 2: Long press "ID learning button" on receiver for 5 seconds, If the lamps flicker twice, deactivate the matching successfully.

Match/Clear Code between Touch Panels:

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Match code:

1. Assuming that B match up with A.
2. Long press on B, the indicator lights of all keys keep on after release.
3. Touch the slider on A in 5s, when the indicator lights of B turn off, match successfully.

Clear code:

- Long press the two keys on the touch panel B simultaneously (about 3 seconds) until the indicator light flicker several times, deactivate the matching successfully.

Match/Clear Code between Touch Panel & Remote:

Match code:

1. Long press on the touch panel, the indicator light of all keys flicker.
2. Long press on the remote, the indicator light stop flicking, match successfully.

Clear code:

- Long press the two keys on the touch panel simultaneously (about 3 second), if the indicator light flicker 3 times, deactivate.