

# EX4 Touch Panel (RGBW)



EX4



F4



Receiver

Manual

[www.ltech-led.com](http://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

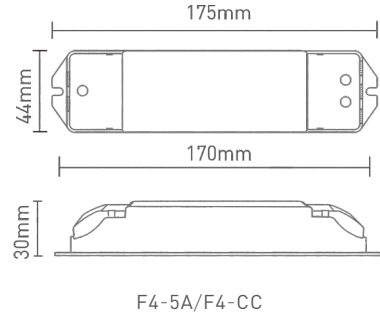
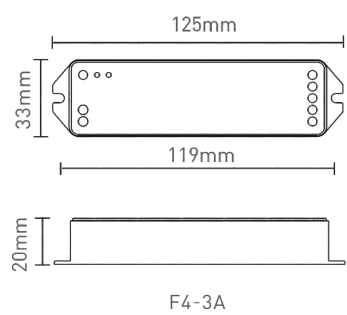
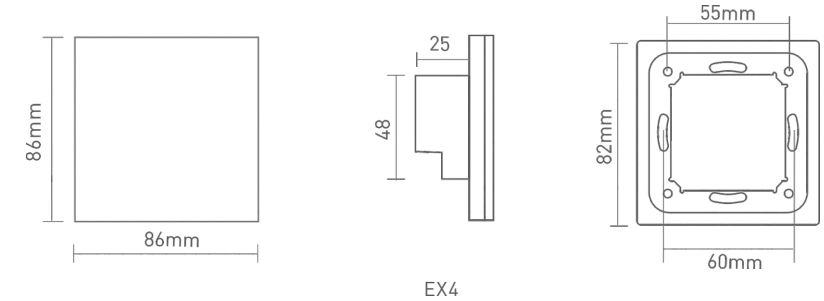
Input Voltage:	12~48Vdc	Working Temp.:	-30°C~55°C
Output Voltage:	3~46Vdc	Dimensions:	L175×W44×H30(mm)
Output Current:	CC 350/700/1050mA×4CH	Package Size:	L178×W48×H33(mm)
Output Power:	1.05W~48.3W×4CH Max 193.2W	Weight(G.W.):	165g
Wireless Signal:	2.4GHz		

Note: Receiver is sold separately.



Product Size:



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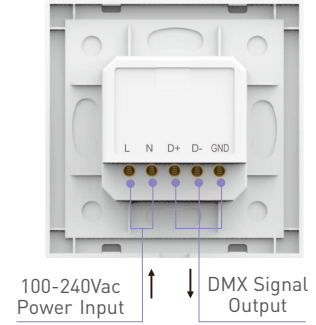
Key Functions:

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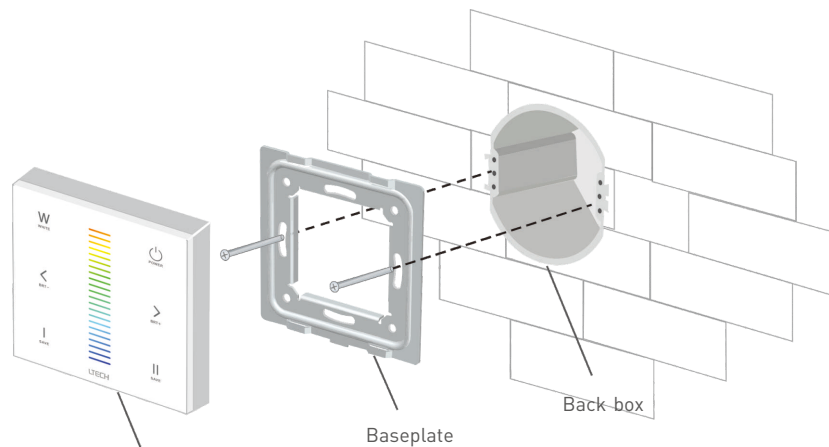
\* When the touch panel is off, Long press  to turn on/off the buzzer  
When the touch panel is on ,Long press  to match code.

Terminals:

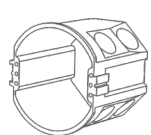


## Installation Instruction:

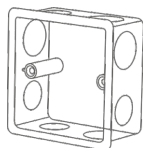
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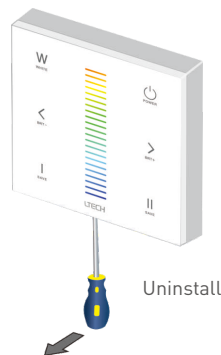
Typical back box as below:



European style

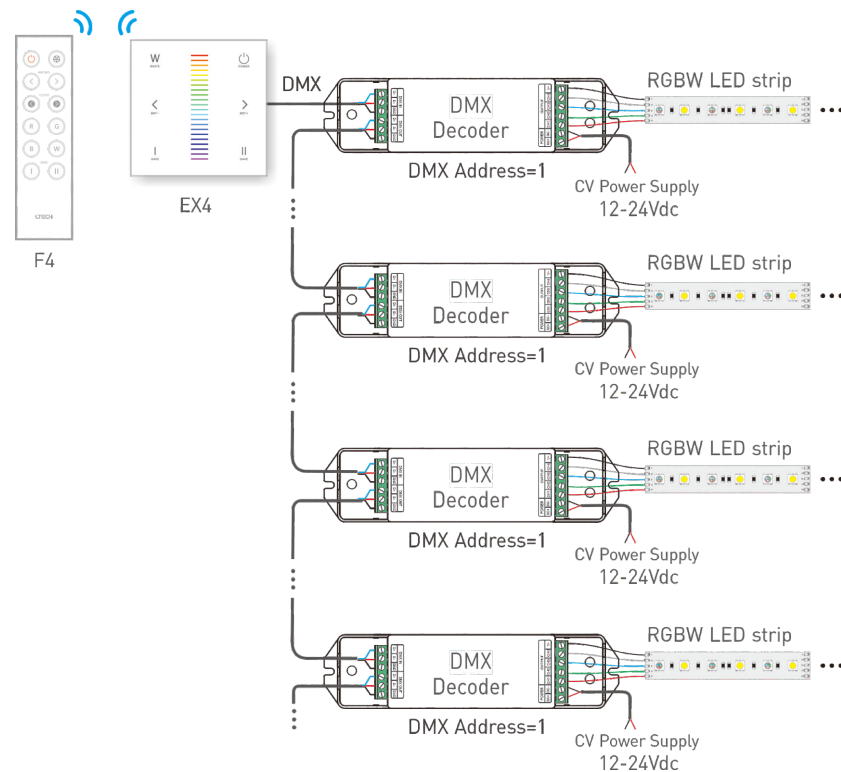


86 size



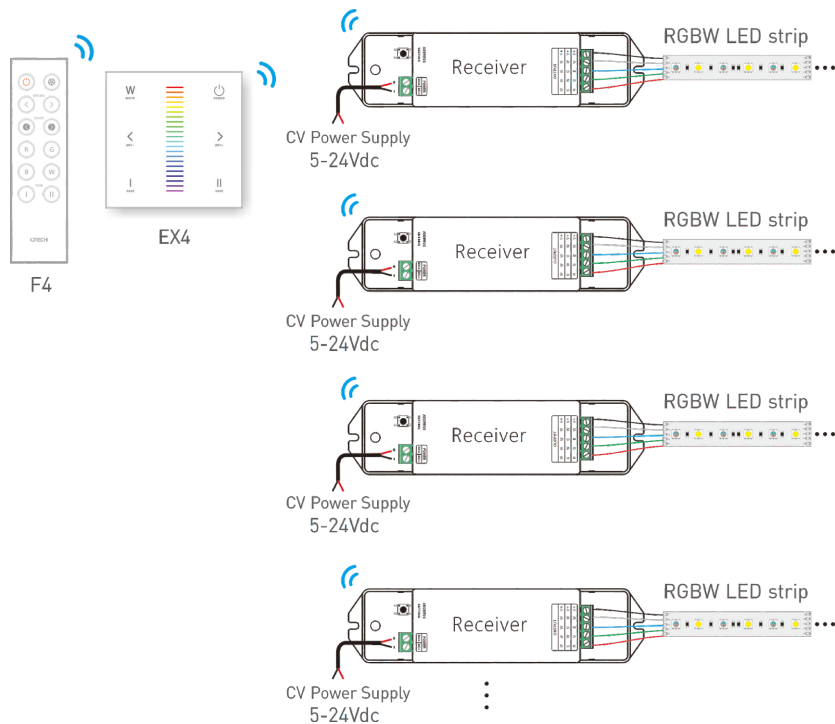
## DMX Wiring:

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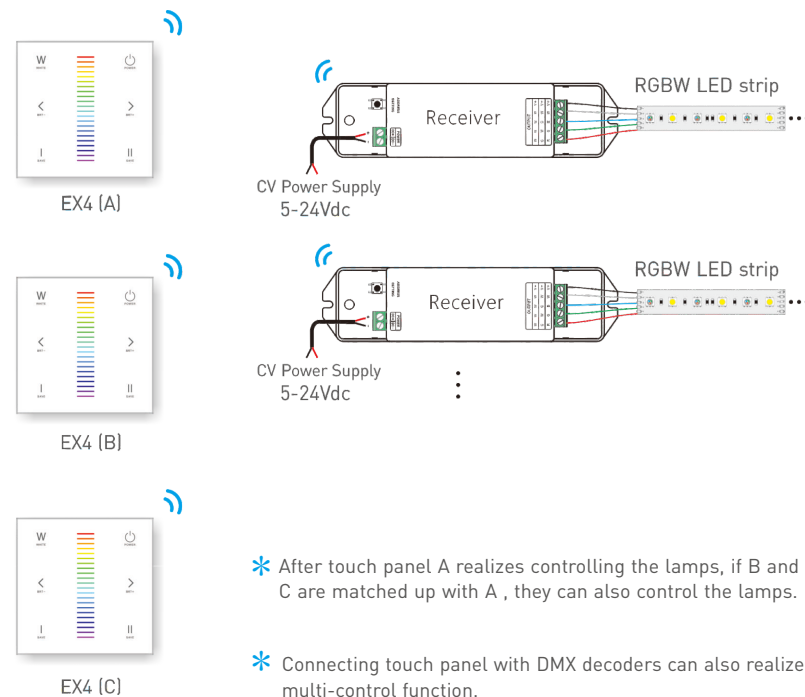
## RF Wireless Wiring:

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## Multi-control Wiring:

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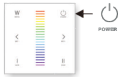

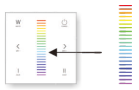
- \* After touch panel A realizes controlling the lamps, if B and C are matched up with A , they can also control the lamps.
- \* Connecting touch panel with DMX decoders can also realize multi-control function.

## Match/Clear Code between Touch Panel & Receiver




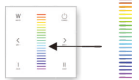
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### Match code:

Method 1 : When the touch panel is on and the wiring between the receiver and the lamps are correct.

-   
Receiver  
Power on the receiver, and complete step 2 within 10s.
-   
Long press  on the touch panel, the lamps flicker.
-   
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.

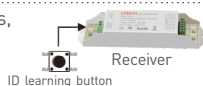
-   
Receiver  
ID learning button  
Short press "ID learning button" on the receiver.
-   
Long press  on the touch panel, the lamps flicker.
-   
Touch the slider in 5s, the lamps stop flicking, match successfully.

### 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:



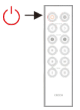

-   
Assuming that B match up with A.
-   
Long press  on B, the indicator lights of all keys keep on after release.
-   
Touch the slider on A in 5s, when the indicator lights of B turn off, match successfully.

### 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:

-   
Long press  on the touch panel, the indicator light of all keys flicker.
-   
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.