EX2 Touch Panel (CT)

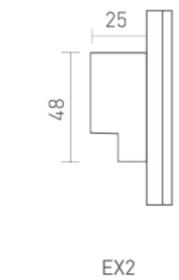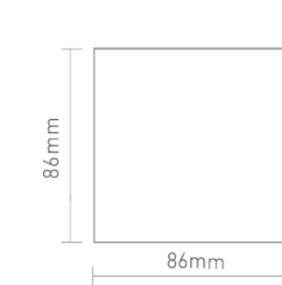EX2   F2   Receiver

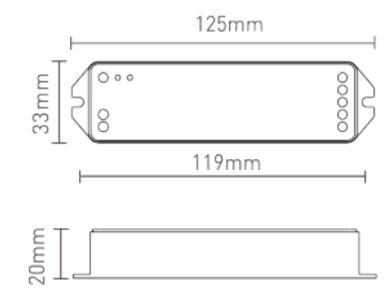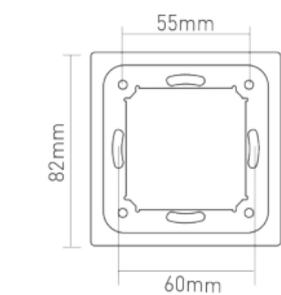**Manual**

www.ltechonline.com

EX2   Color Temperature Touch Panel

Input Voltage:	100~240Vac	Dimensions:	L86×W86×H37(mm)
Output Signal:	RF 2.4GHz, DMX512	Package Size:	L113×W112×H50(mm)
Working Temp.:	-30℃~55℃	Weight(G.W.):	225g

F4-3A   CV Receiver

Input Voltage:	5~24Vdc	Working Temp.:	-30℃~55℃
Max 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℃~55℃
Max 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

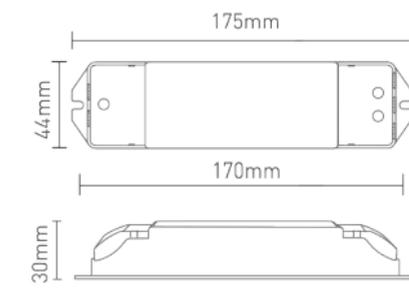| Input Voltage: | 12~48Vdc | Working Temp.: | -30℃~55℃ |
Output Voltage:	3~46Vdc	Dimensions:	L175×W44×H30(mm)
Output Current:	CC 350/700/1050mA×4CH	Package Size:	L178×W48×H33(mm)
Output Power:	1.05W~48.3W×4CH Max 193.2W	Weight(G.W.):	165g
Wireless Signal:	2.4GHz		

Note: Receiver is sold separately.

86mm
86mm

25
48

EX2

55mm
82mm
60mm

125mm
33mm
119mm
20mm

F4-3A

175mm
44mm
170mm
30mm

F4-5A/F4-CC

CT Touch Slider

Scene-mode
Press: play
Long press: save

ON/OFF

Brightness-   Brightness+
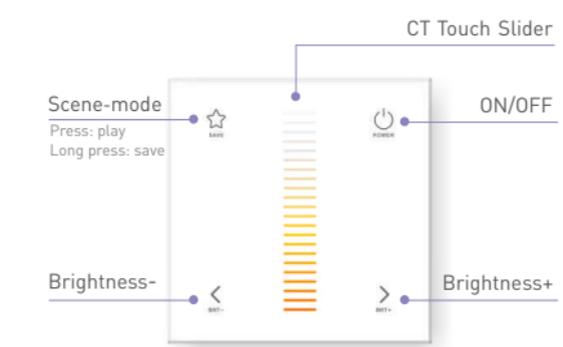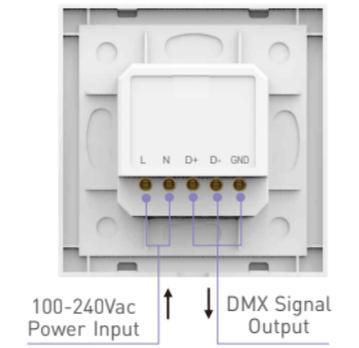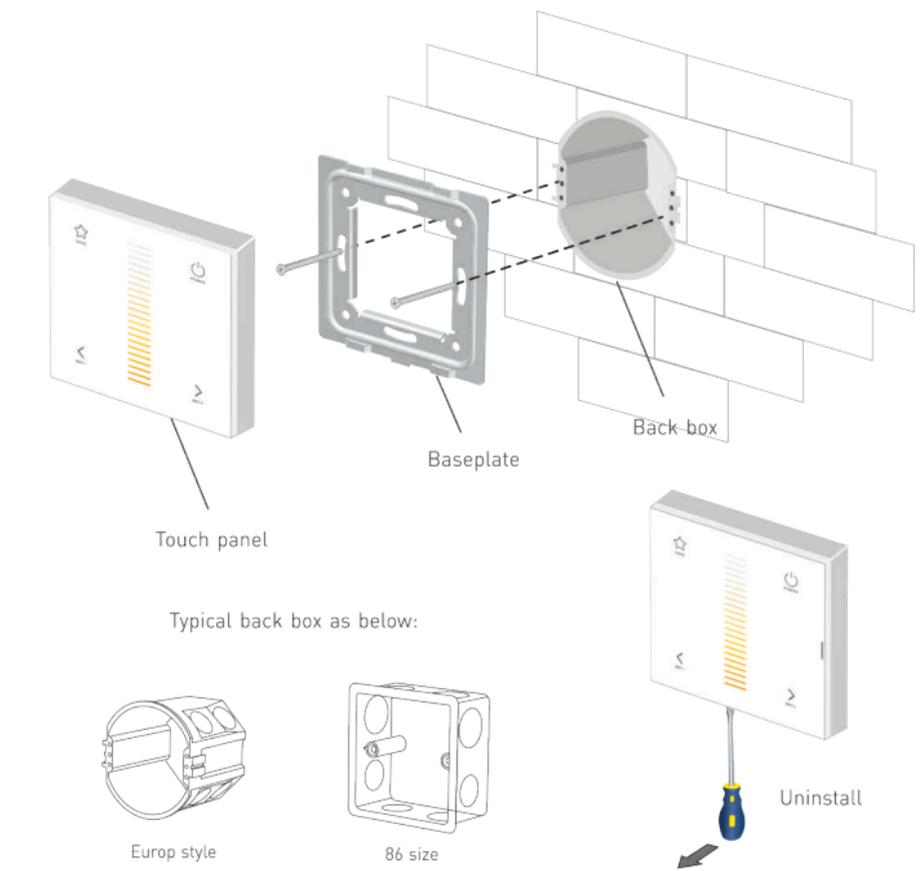
※ When the touch panel is off, Long press ⏻ to turn on/off the buzzer
When the touch panel is on ,Long press ⏻ to match code.

Terminals:

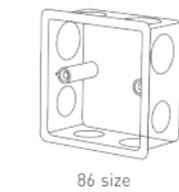100-240Vac
Power Input

DMX Signal
Output

L N D+ D- GND

Back box

Baseplate

Touch panel

Typical back box as below:

Europ style   86 size

Uninstall

DMX Wiring:

F2

EX2

DMX

CV
DMX Decoder
DMX Address=1
12-24Vdc

White / warm white strip

LED
Panel Light

CC
DMX Decoder
DMX Address=1
12-48Vdc

LED
Panel Light

CC
DMX Decoder
DMX Address=1
12-48Vdc

LED Light
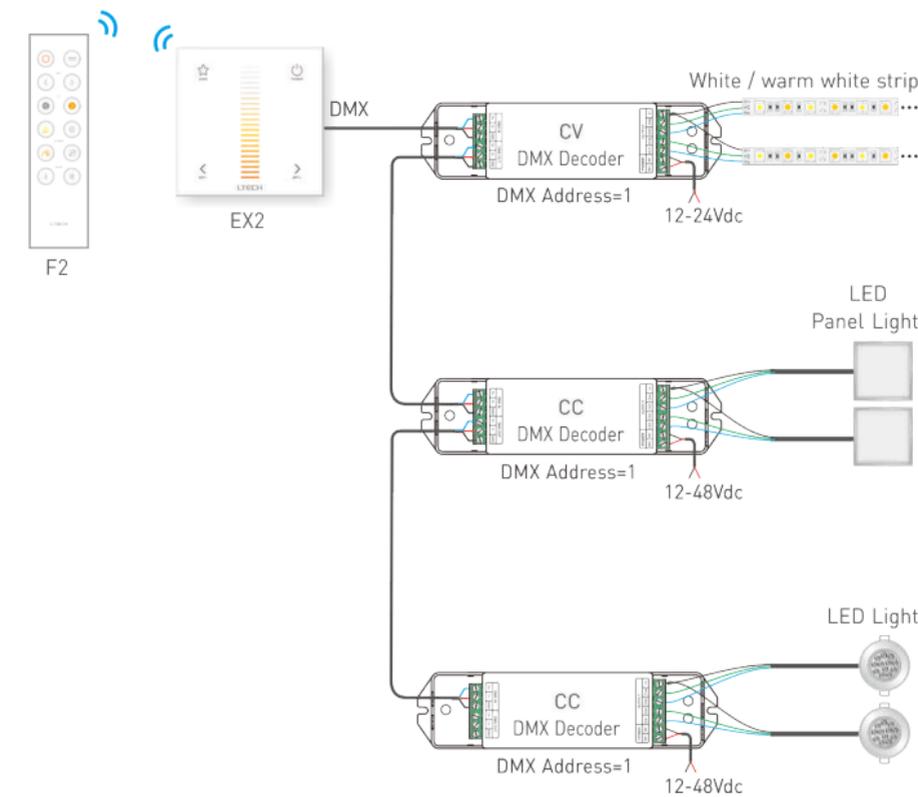
RF Wireless Wiring:

LTECH

F2

EX2

CC receiver
F4-CC
CV Power Supply
12-48Vdc

LED
Panel Light

CV receiver
F4-5A
CV Power Supply
5-24Vdc

White / warm white strip
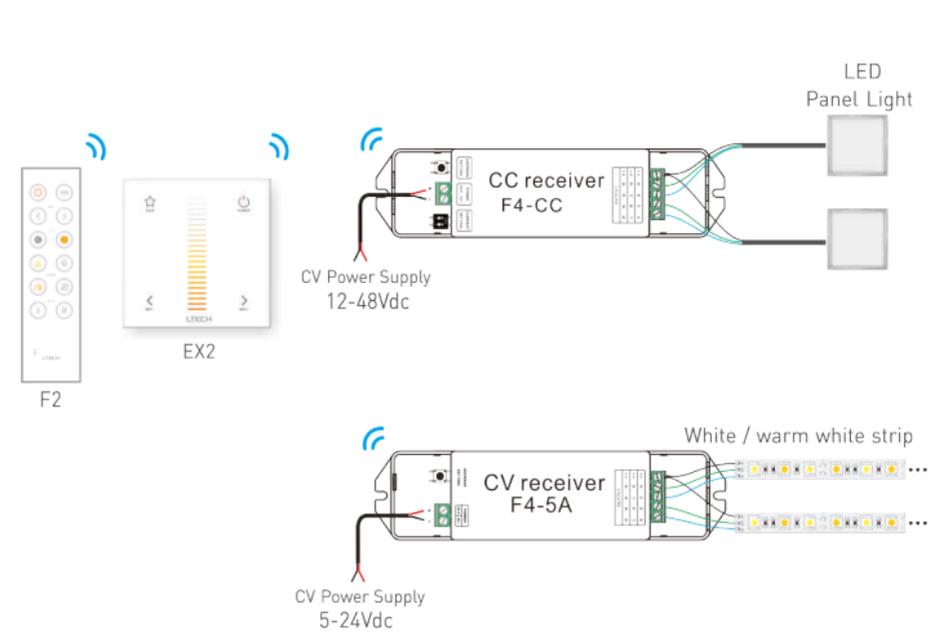
Multi-control Wiring:

LTECH

EX2 (A)

CC receiver
F4-CC
CV Power Supply
12-48Vdc

LED
Panel Light

EX2 (B)

CV receiver
F4-5A
CV Power Supply
5-24Vdc

White / warm white strip

EX2 (C)
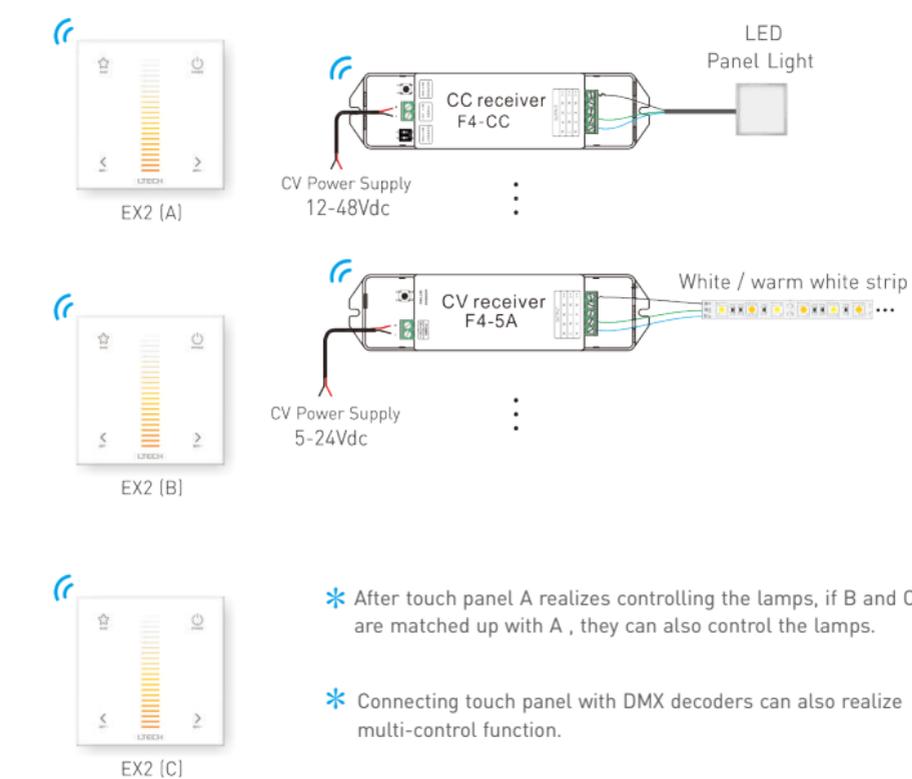
✳ After touch panel A realizes controlling the lamps, if B and C are matched up with A , they can also control the lamps.

✳ Connecting touch panel with DMX decoders can also realize multi-control function.

Match/Clear Code between Touch Panel & Receiver

LTECH

Match code:

Method 1：When the touch panel is on and the wiring between the receiver and the lamps are correctly,

1.
Receiver
Power on the receiver, and complete step 2 within 10s.

2.
Long press ⏻ on the touch panel, the lamps begin 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 correctly,

1.
ID learning button
Receiver
Short press "ID learning button" on the receiver.

2.
Long press ⏻ on the touch panel, the lamps begin 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.
Receiver

Method 2: Long press "ID learning button" on receiver for 5 seconds, If the lamps flicker twice, deactivate the matching successfully.
Receiver
ID learning button

Match/Clear Code between Remotes:

LTECH

Match code:

1.
A ← B
Assuming that B match up with A.

2.
Long press ⏻ on the B, the indicator lights of 4 keys keep on after release.

3.
A
Touch the slider on A in 5s, when the indicator lights of B turn off, match successfully.

Clear code:

B
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 the four 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.