EXIS Touch Panel (Dimming)

EX1S   F1   Receiver

Manual

www.ltech-led.com

EX1S   Dimming 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℃~55℃	Weight(G.W.):	225g

F4-3A   CV Receiver

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

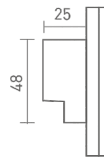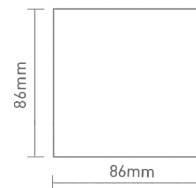|			
Input Voltage:	5~24Vdc	Working Temp.:	-30℃~55℃
Current Load:	5A × 4CH Max. 20A	Dimensions:	L175×W44×H30(mm)
Max Output Power:	100W/240W/480W(5V/12V/24V)	Package Size:	L178×W48×H33(mm)
Wireless Signal:	2.4GHz	Weight(G.W.):	150g

F4-CC   CC Receiver

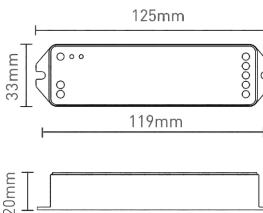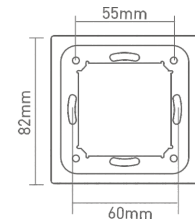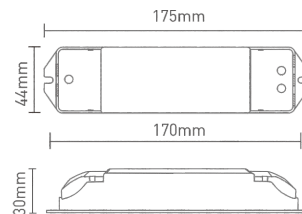|			
Input Voltage:	12~48Vdc	Working Temp.:	-30℃~55℃
Output Voltage:	3~46Vdc	Dimensions:	L175×W44×H30(mm)
Output Current:	CC 350/700/1050mA×4CH	Package Size:	L178×W48×H33(mm)
Output Power:	1.05W~48.3W×4CH Max 193.2W	Weight(G.W.):	165g
Wireless Signal:	2.4GHz		

Note: Receiver is sold separately.

FC   CE   RoHS COMPLIANT   warranty 5 years   ISO9001 2008

86mm   86mm

25   48   55mm   82mm   60mm

EX1S

125mm   33mm   119mm   20mm

F4-3A

175mm   44mm   170mm   30mm

F4-5A/F4-CC

Brightness Touch Slider

ON/OFF

Brightness+

Brightness-

Brightness Shortcut Keys

Scene-mode
Short press: play
Long press: save
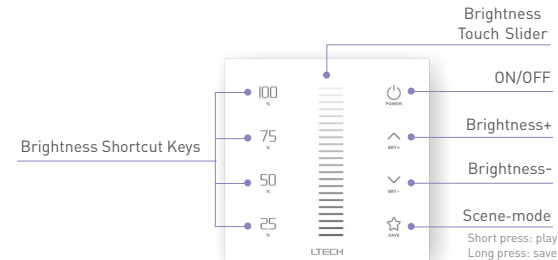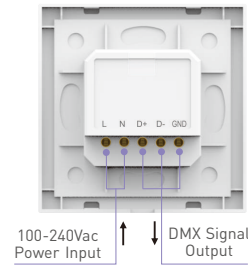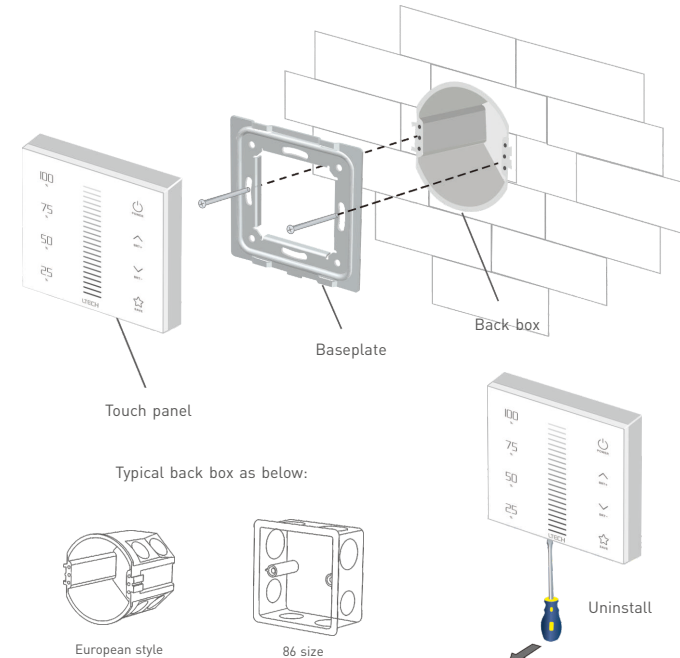
✻ When the touch panel is off, Long press ⏻ to turn on/off the buzzer

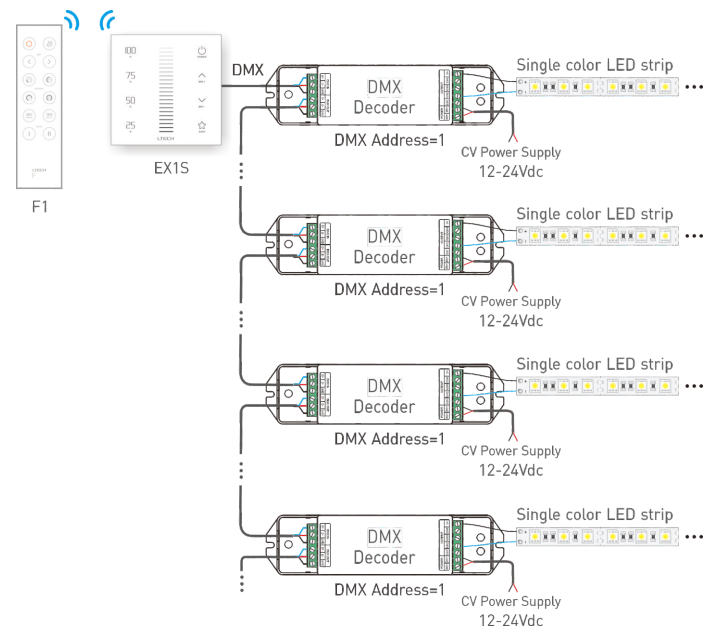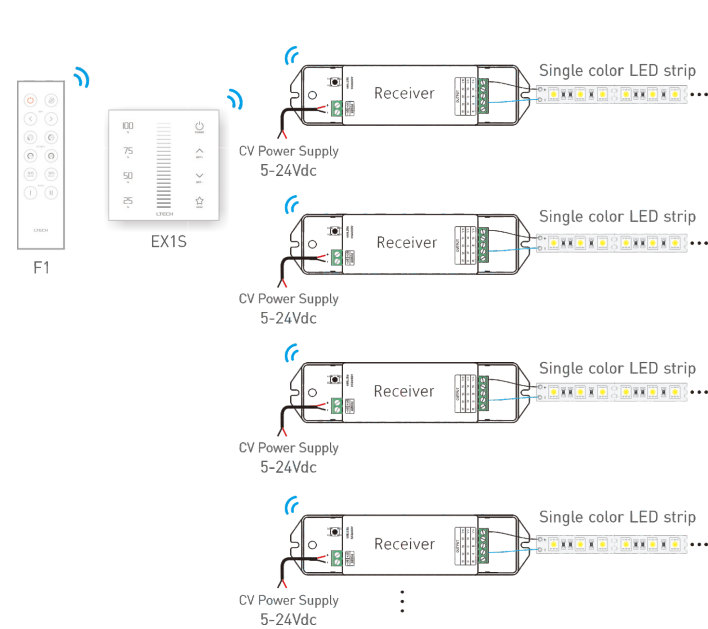When the touch panel is on ,Long press ⏻ to match code.

Terminals:

100-240Vac Power Input   DMX Signal Output

L N D+ D- GND

Back box

Baseplate

Touch panel

Typical back box as below:

European style   86 size   Uninstall

DMX Wiring:

F1

EX1S

DMX

DMX Decoder

DMX Address=1

Single color LED strip

CV Power Supply 12-24Vdc

DMX Decoder

DMX Address=1

Single color LED strip

CV Power Supply 12-24Vdc

DMX Decoder

DMX Address=1

Single color LED strip

CV Power Supply 12-24Vdc

DMX Decoder

DMX Address=1

Single color LED strip

CV Power Supply 12-24Vdc

RF Wireless Wiring:

F1

EX1S

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

Multi-control Wiring:

EX1S (A)

EX1S (B)

EX1S (C)

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

Receiver

Single color LED strip

CV Power Supply 5-24Vdc

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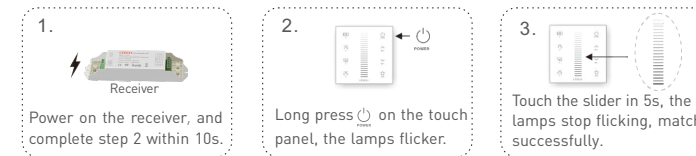
✳ Connecting touch panel with DMX decoders can also realize multi-control function.

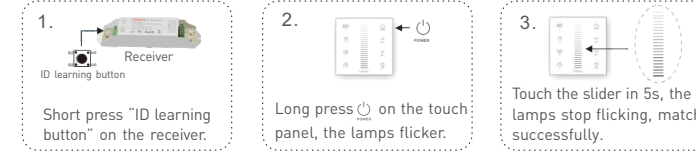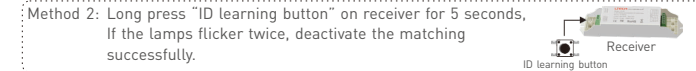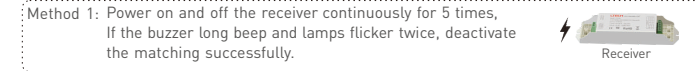## Match/Clear Code between Touch Panel & Receiver

Match code:

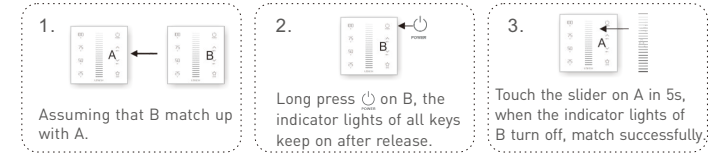Method 1：When the touch panel is on and the wiring between the receiver and the lamps are correct.

1.

Receiver

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.

ID learning button   Receiver

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.

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 Touch Panels:

Match code:

1.

A ← B

Assuming that B match up with A.

2.

B

Long press ⏻ on B, the indicator lights of all 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 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.