LTECH

EXIS Touch Panel (Dimming)

EX1S   F1   Receiver

Manual

www.ltech-led.com

Technical Specs

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

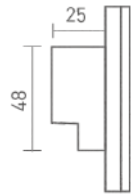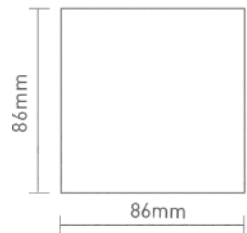|			
Input Voltage:	5~24Vdc	Working Temp.:	-30℃~55℃
Current Load:	5A × 4CH Max. 20A	Dimensions:	L175×W44×H30(mm)
Max Output Power:	100W/240W/480W(5V/12V/24V)	Package Size:	L178×W48×H33(mm)
Wireless Signal:	2.4GHz	Weight(G.W.):	150g

F4-CC   CC Receiver

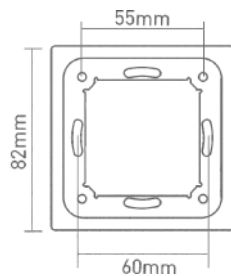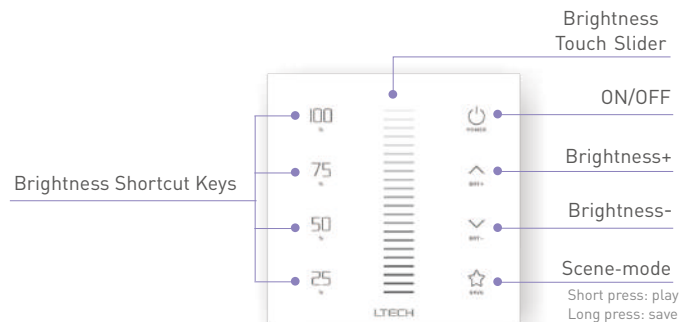|			
Input Voltage:	12~48Vdc	Working Temp.:	-30℃~55℃
Output Voltage:	3~46Vdc	Dimensions:	L175×W44×H30(mm)
Output Current:	CC 350/700/1050mA×4CH	Package Size:	L178×W48×H33(mm)
Output Power:	1.05W~48.3W×4CH Max 193.2W	Weight(G.W.):	165g
Wireless Signal:	2.4GHz		

Note: Receiver is sold separately.

FC   CE   RoHS COMPLIANT   warranty 5 years   ISO9001:2008

EX1S

55mm

82mm

25

48

86mm

86mm

60mm

F4-3A

125mm

33mm

119mm

20mm

F4-5A/F4-CC

175mm

44mm

170mm

30mm

Brightness
Touch Slider

ON/OFF

Brightness Shortcut Keys

Brightness+

Brightness-

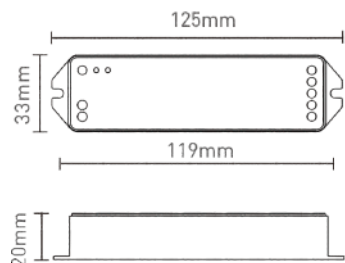Scene-mode
Short press: play
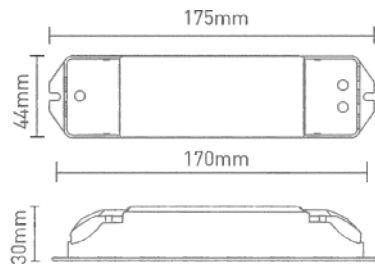Long press: save

100

75

50

25

LTECH

✱ When the touch panel is off, Long press ⏻ to turn on/off the buzzer
POWER
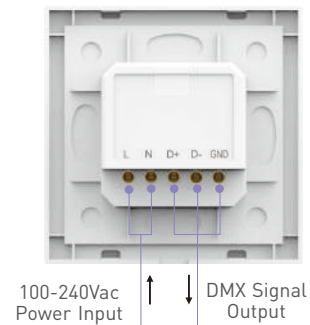
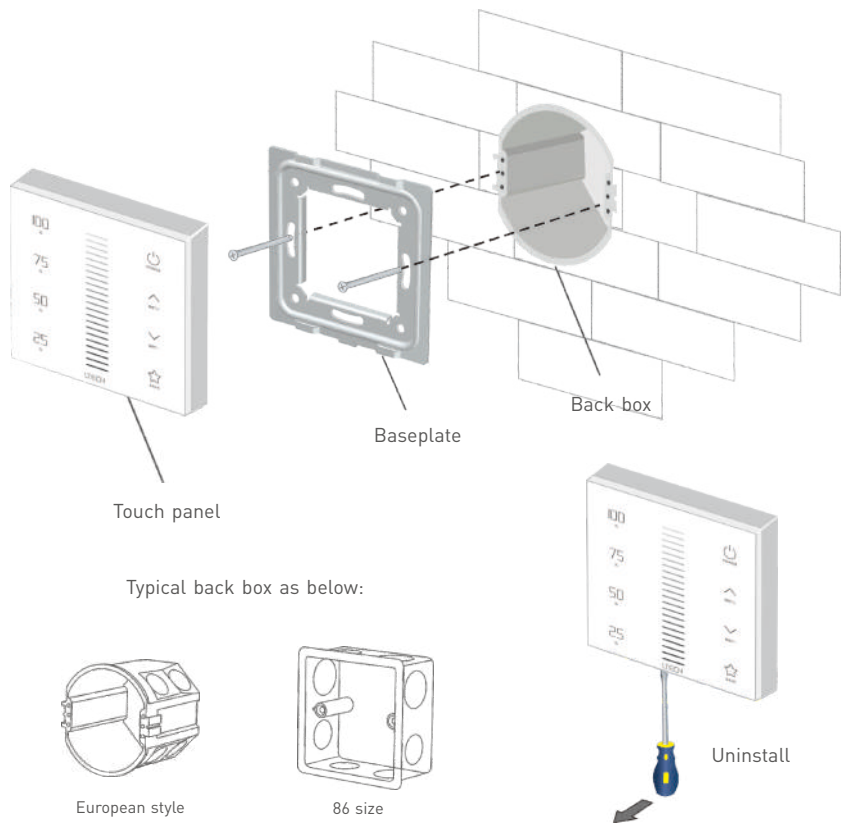When the touch panel is on ,Long press ⏻ to match code.
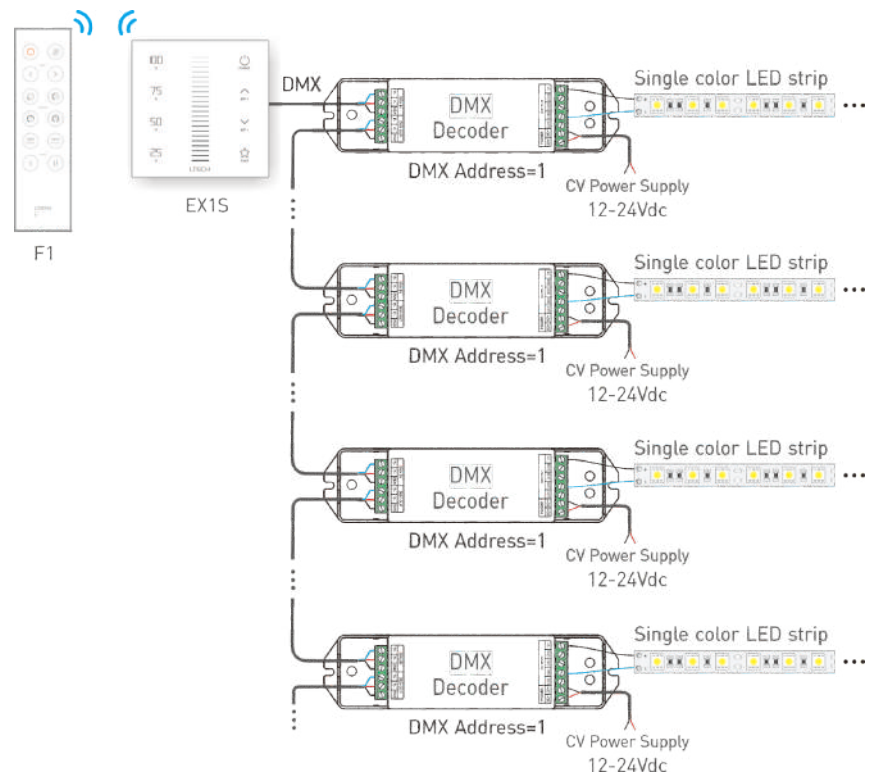POWER

Terminals:

L　N　D+　D-　GND

100-240Vac
Power Input

DMX Signal
Output

Back box

Baseplate

Touch panel

Typical back box as below:

European style

86 size

Uninstall

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)

Receiver   Single color LED strip

CV Power Supply
5-24Vdc

EX1S (B)

Receiver   Single color LED strip

CV Power Supply
5-24Vdc

EX1S (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 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.

Receiver
ID learning button

Short press "ID learning button" on the receiver.

2.

Long press ⏻ on the touch panel, the lamps flicker.

3.

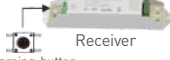Touch the slider in 5s, the lamps stop flicking, match successfully.

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.
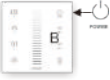
Receiver
ID learning button

Match/Clear Code between Touch Panels:

LTECH

Match code:

1.

A ← B

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:

25 → B ← ☆

Long press the two keys 25 ☆ 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:

25 → ☆

Long press the two keys 25 ☆ on the touch panel simultaneously (about 3 second), if the indicator light flicker 3 times, deactivate.