



General

|                  |            |
|------------------|------------|
| Product Type     | Controller |
| Length (mm)      | 86         |
| Width (mm)       | 86         |
| Height (mm)      | 36         |
| Housing Color    | White      |
| Housing Material | PC         |
| Mounting         | Built-in   |
| Weight (g)       | 225        |

Electronics

|               |               |
|---------------|---------------|
| Input Domain  | AC            |
| Input Voltage | 100 ~ 240V AC |
| Power Supply  | Internal      |
| LED Outputs   | 1             |

Lighting

|             |              |
|-------------|--------------|
| Color Range | Single Color |
|-------------|--------------|

Control

|                    |              |
|--------------------|--------------|
| Output Signal      | DMX, RF      |
| Control            | DMX          |
| Zones              | 4            |
| Number of Channels | 1            |
| Functions          | programmable |

Environmental

|                       |              |
|-----------------------|--------------|
| Operating Temperature | -20 ~ +55 °C |
| Ingress Protection    | IP20         |



IP20 5 year warranty

Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



# EX5 Touch Panel (Dimming)



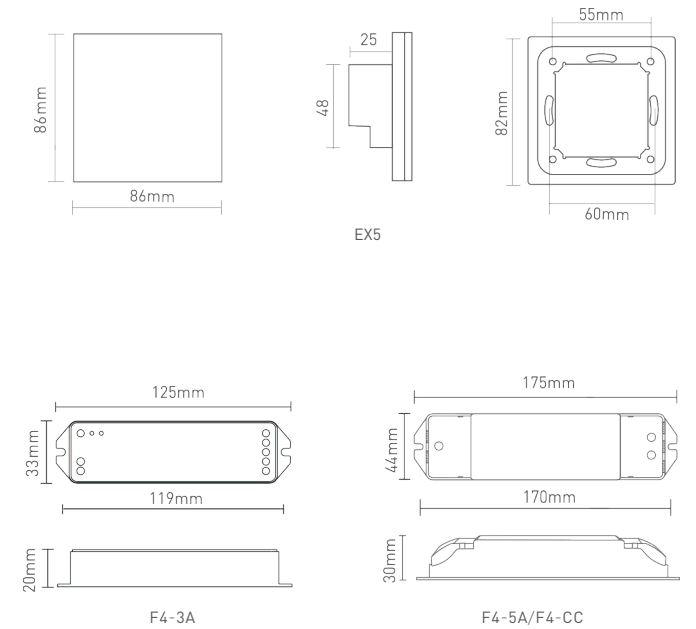
Manual  
www.ltechonline.com

## Technical Specs

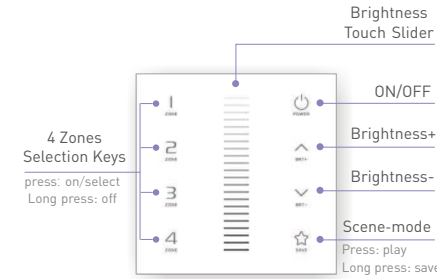
|                                    |                            |                |                   |
|------------------------------------|----------------------------|----------------|-------------------|
| EX5 Dimming Touch Panel (4 zones)  |                            |                |                   |
| Input Voltage:                     | 100~240Vac                 | Dimensions:    | L86×W86×H37(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        |
| 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°C~55°C        |
| 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°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:

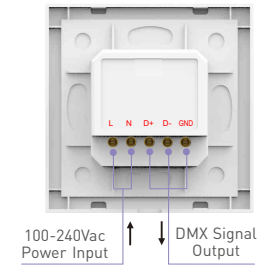


## Key Functions:

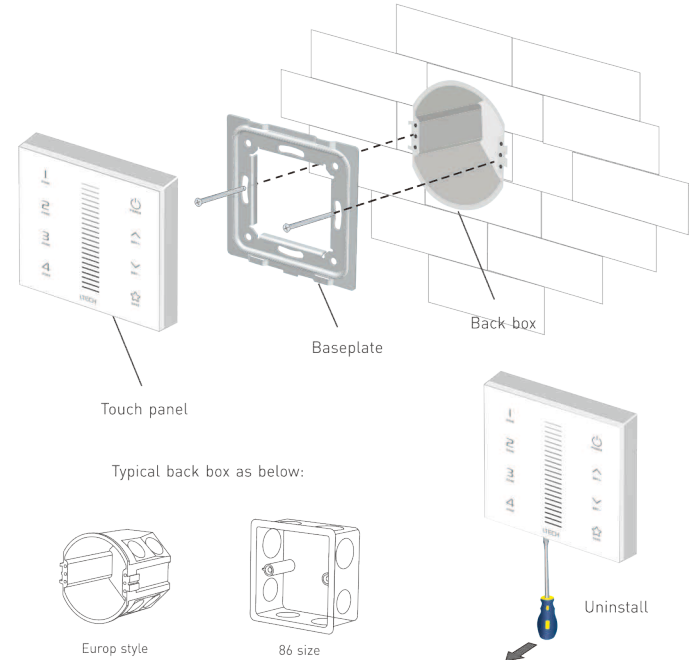


\* When the touch panel is off, Long press to turn on/off the buzzer  
When the touch panel is on ,Long press to match code.

## Terminals:

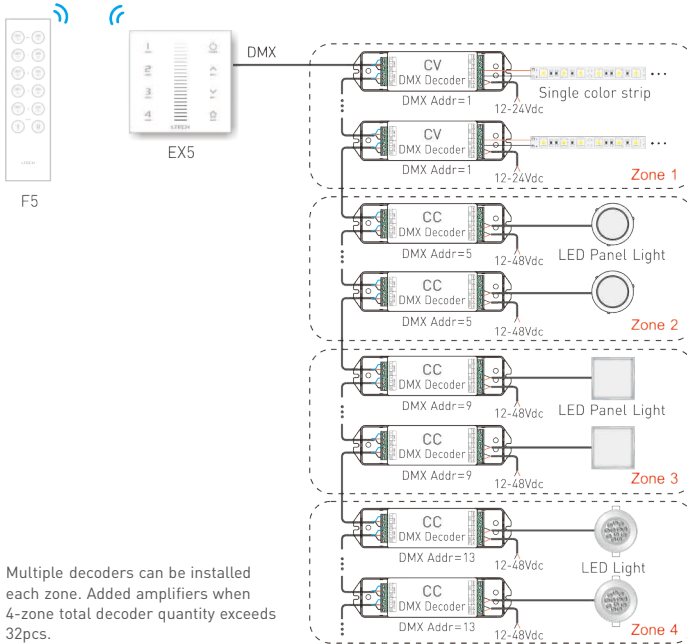


## Installation Instruction:



### DMX Wiring:

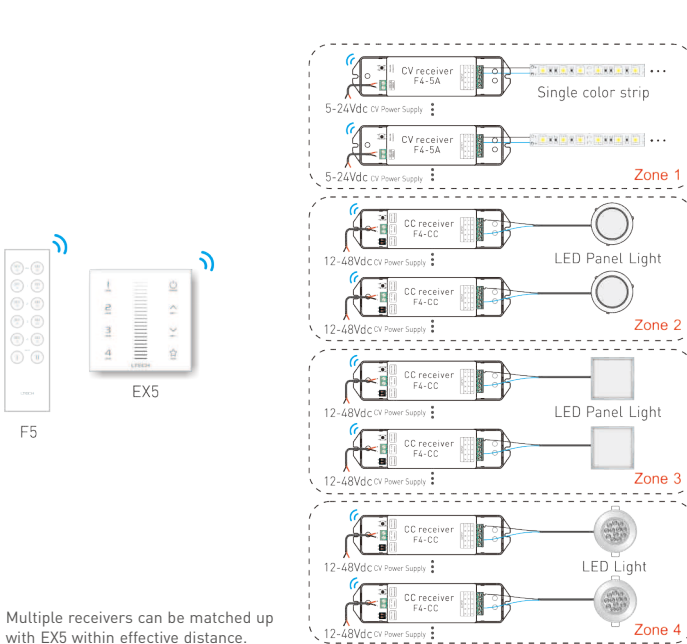
LTECH



Multiple decoders can be installed each zone. Added amplifiers when 4-zone total decoder quantity exceeds 32pcs.

### RF Wireless Wiring:

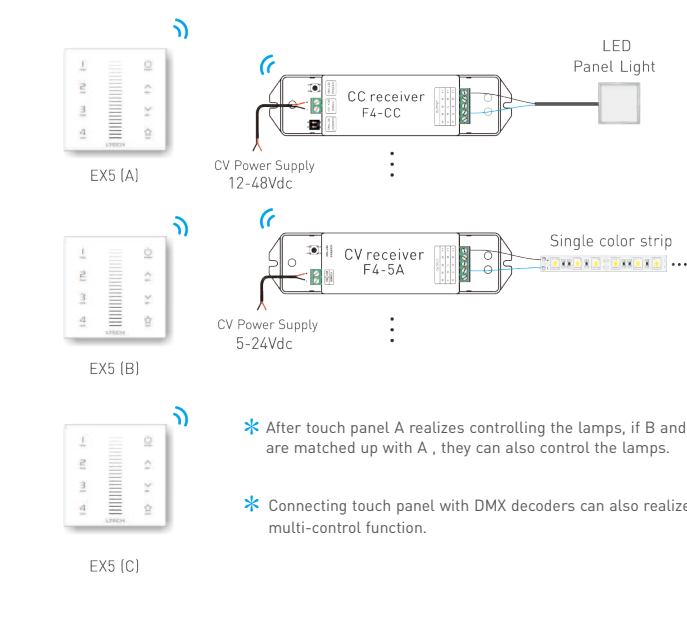
LTECH



Multiple receivers can be matched up with EX5 within effective distance.

### Multi-control Wiring:

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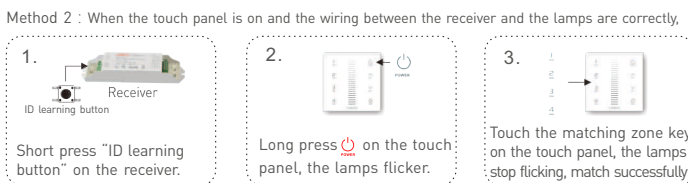
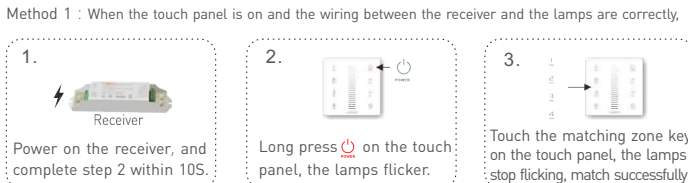
\* After touch panel A realizes controlling the lamps, if B and C are matched up with A, they can also control the lamps.

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

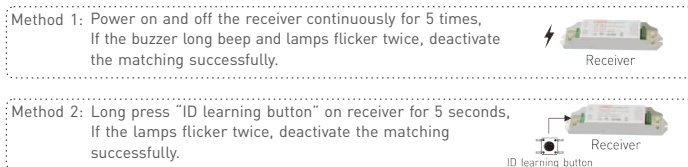
### Match/Clear Code between Touch Panel & Receiver

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#### Match code:



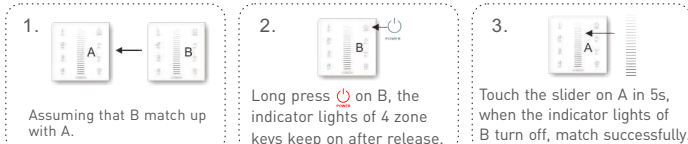
#### Clear code:



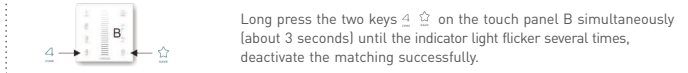
### Match/Clear Code between Remotes:

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#### Match code:



#### Clear code:



### Match/Clear Code between Touch Panel & Remote:

#### Match code:



#### Clear code:

