Manuals+ — User Manuals Simplified.

LTECH EDA1 Dali Touch Panel Instruction Manual

LTECH EDA1 Dali Touch Panel Instruction Manual

Contents

Product features

- Latest DALI standard protocol IEC62386
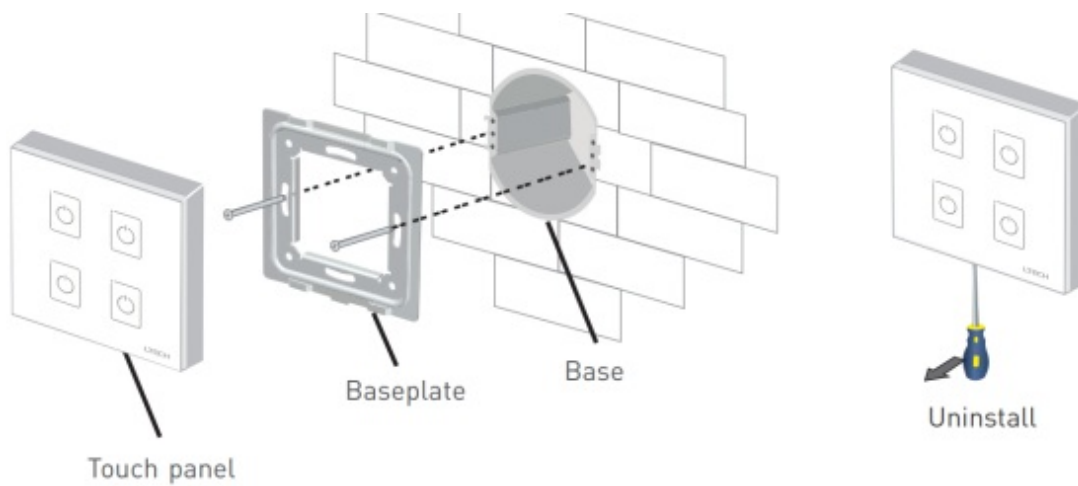- Support switch and dimming function.
- DALI bus supply power.

- The DIP switch can set address.
- Support scene, group, unicast, broadcast mode.
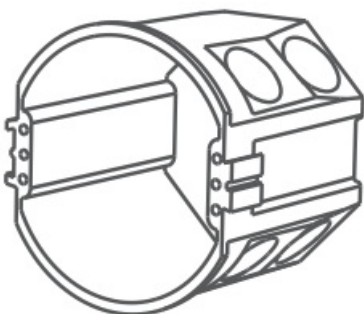
Technical specs

DALI touch panel

- **Power supply:** DALI power
- **Output signal:** DALI
- **Dimming key:**
  EDA1: 1CH control
  EDA2: 2CH control
  EDA3: 3CH control
  EDA4: 4CH control
- **Static current:** 6mA@16V
- **Standby current:** 4mA@16V
- **Working temperature:** -30℃~55℃
- **Dimensions:** L86×W86×H37(mm)
- **Package size:** L113×W112×H50(mm)
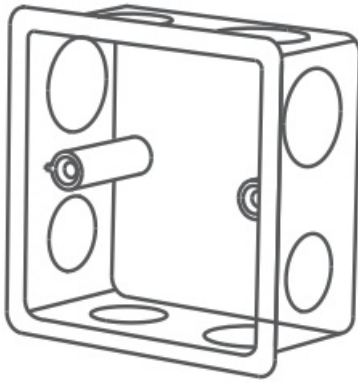- **Weight(G.W.):** 200g

Installation Instruction

Touch panel

Baseplate

Base
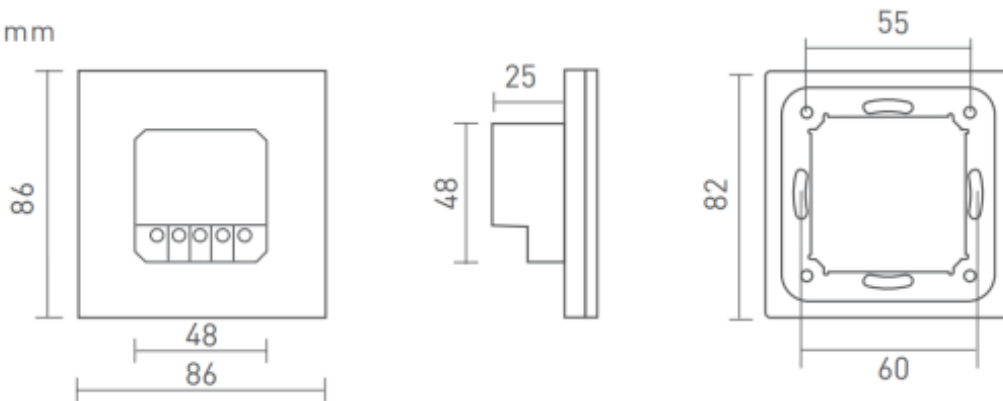
Uninstall

Typical base as follow:
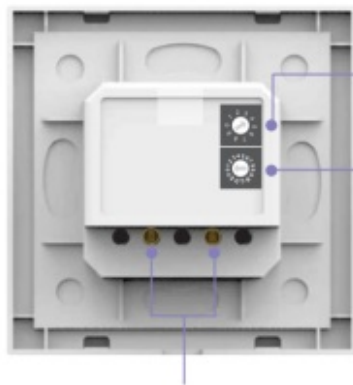
- European

- 86 style

Product size

Unit : mm

Touch panel

EDA1 — Status light, 1CH key

EDA2 — Status light, 2CH key

EDA3 — Status light, 3CH key

EDA4 — Status light, 4CH key
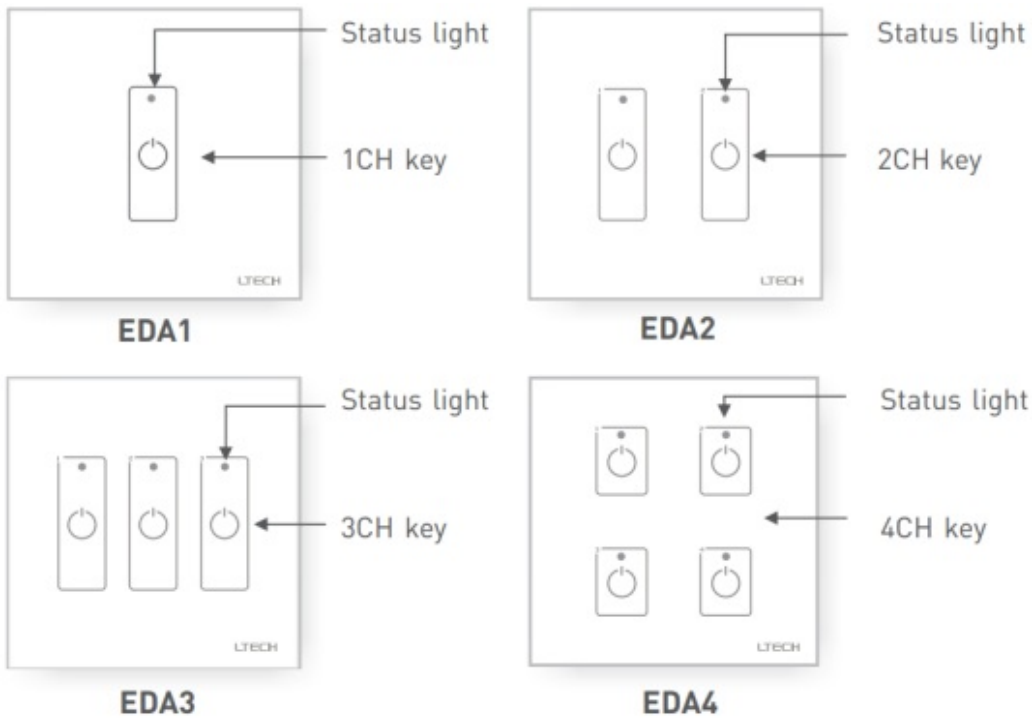
Short press: switch; long press: dimming (suitable for unicast, broadcast and group mode).

Terminals

Power and signal combined socket

DALI address setting Wiring diagram

- **X= (0-6):** unicast mode;
- **X= 7:** group mode;
- **X= 8:** scene mode;
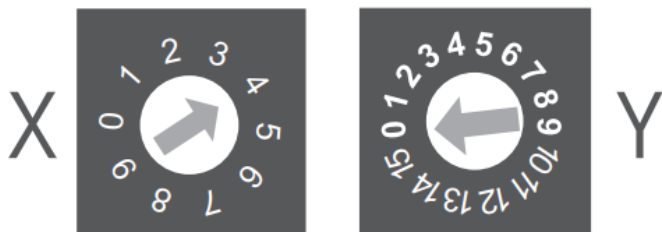- **X= 9:** broadcast mode.

Via spin switch, you can set **64** unicast address **(0-63),** 16 group address **(0-15) 16** scene **addresses(0-15)** and broadcast address.

- Unicast mode address:(0-63)

  X choose 0-6

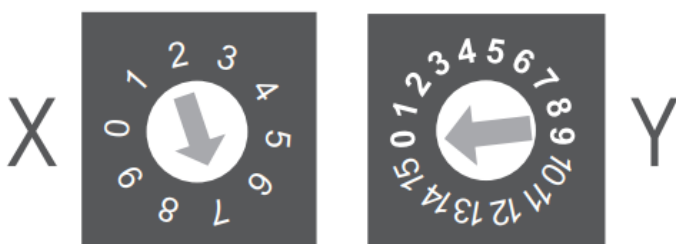 First address value = X*10+Y

  (value beyond 63 will be considered as 63)

- Group mode address:(0-15)
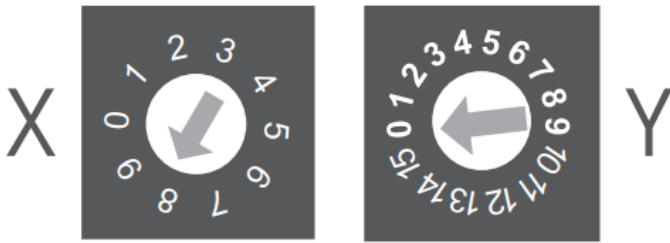
  X choose 7

  First address value = Y

- Scene mode address:(0-15)

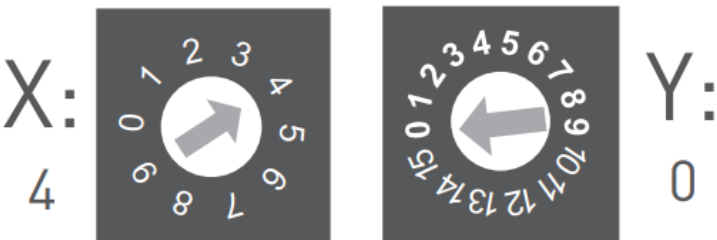 X choose 8

  First address value = Y
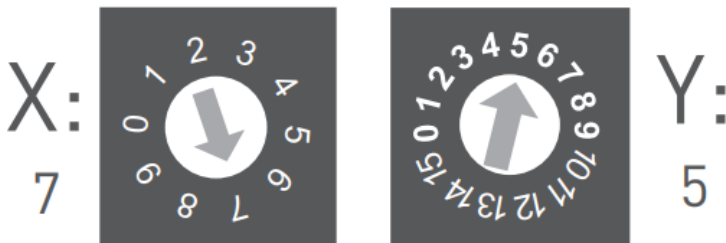
- Broadcast mode

  X choose 9

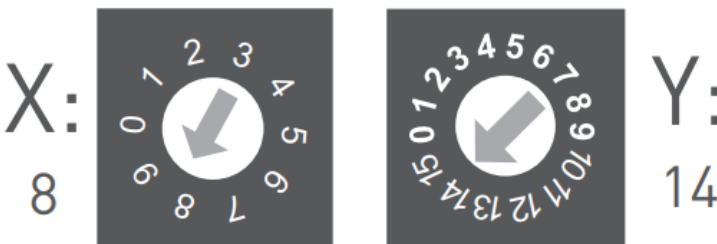- E.g.: Set initial address to 40 in unicast mode.
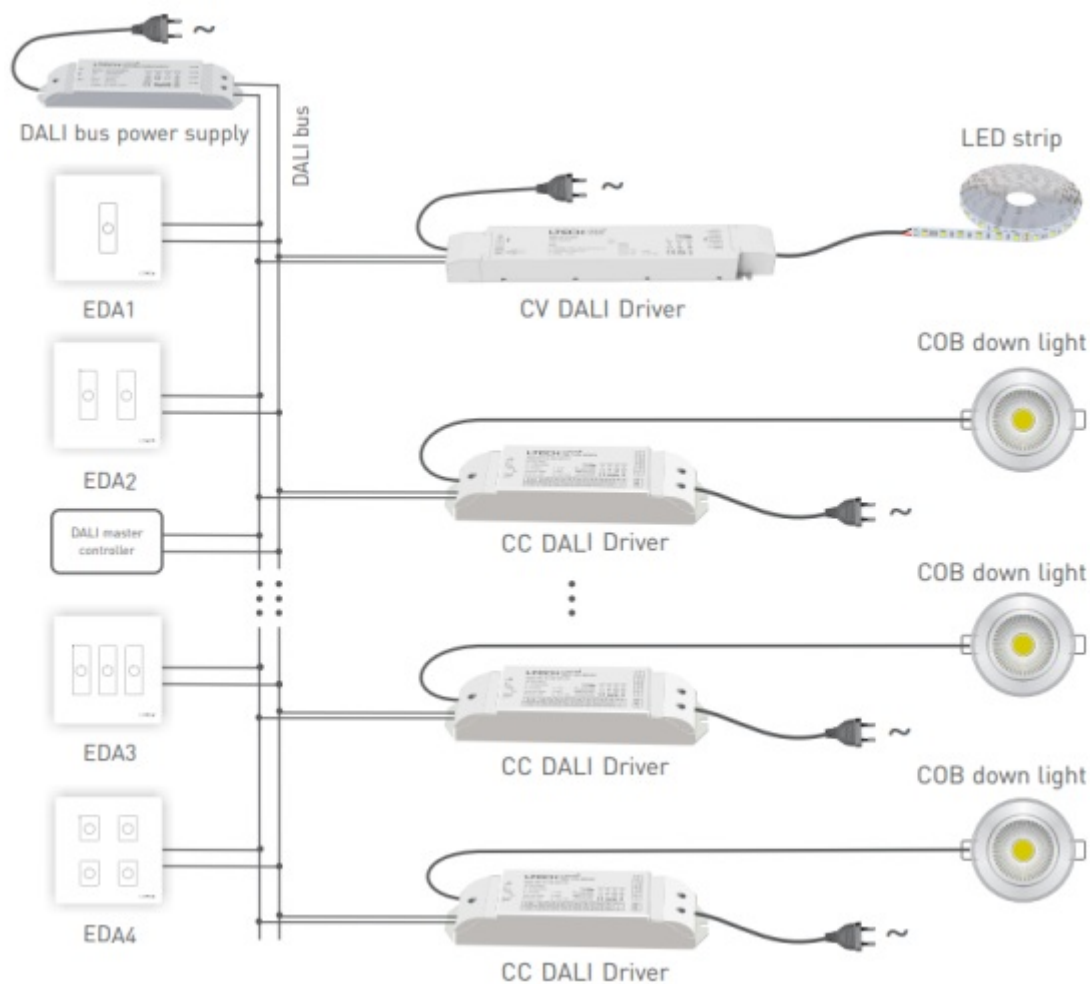
  First address value = X 10+Y = 4* *10+0 = 40

X:
4

Y:
0

- E.g.: Set initial address to 5 in group mode.

X:
7

Y:
5

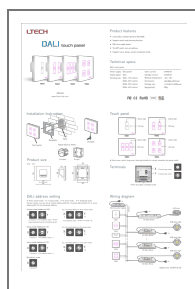- E.g.: Set initial address to 14 in scene mode.

X:
8

Y:
14

Wiring diagram

Documents / Resources

LTECH EDA1 Dali Touch Panel [pdf] Instruction Manual
EDA1, EDA2, EDA4, EDA3, EDA1 Dali Touch Panel, EDA1, Dali Touch Panel

References

- 🌐 **LED Controller | LED Dimmable Driver | LED Intelligent Lighting | Intelligent Home -LTECH**