DALI touch panel

EDA1   EDA2   EDA3   EDA4

Manual
www.ltech-led.com

Product features

- Latest DALI standard protocol IEC62386.
- Support switch and dimming function.
- DALI bus supply power.
- The DIP switch can set address.
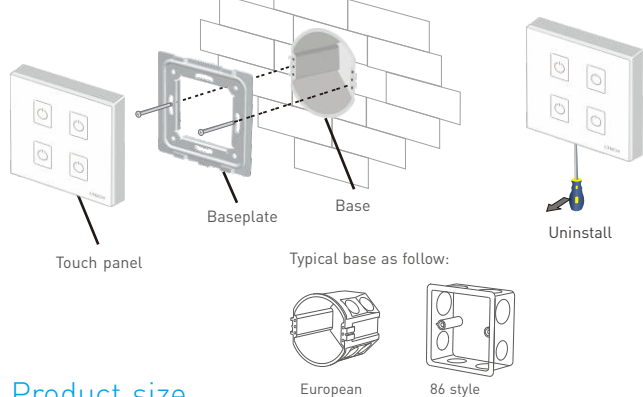- Support scene, group, unicast, broadcast mode.
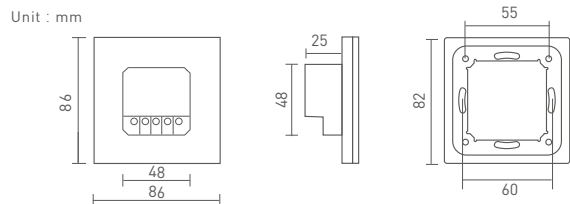
Technical specs

DALI touch panel

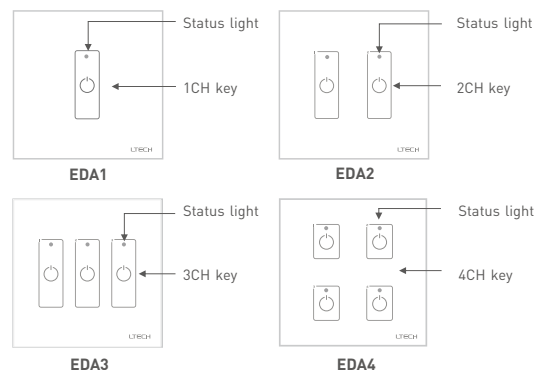|			
Power supply:	DALI power	Static current:	6mA@16V
Output signal:	DALI	Standby current:	4mA@16V
Dimming key:	EDA1: 1CH control	Working temperature:	-30℃~55℃
	EDA2: 2CH control	Dimensions:	L86×W86×H37(mm)
	EDA3: 3CH control	Package size:	L113×W112×H50(mm)
	EDA4: 4CH control	Weight(G.W.):	200g

FC CE RoHS warranty 5 years ISO9001:2008

Installation Instruction

Touch panel   Baseplate   Base   Uninstall

Typical base as follow:

European   86 style

Product size

Unit : mm

86
48
86
25
48
55
82
60

Touch panel

Status light   Status light
1CH key   2CH key
EDA1   **EDA2**

Status light   Status light
3CH key   4CH key
EDA3   **EDA4**

⁎ Short press: switch; long press: dimming (suitable for unicast, broadcast and group mode).

Terminals

X : 10 levels spin switch
Y : 16 levels spin switch
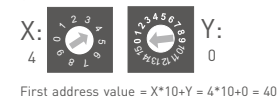
Power and signal combined socket
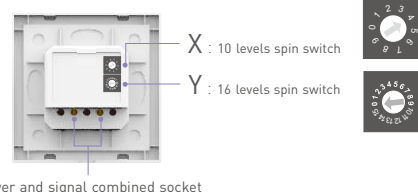
DALI address setting

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 addresses(0-63), 16 group addresses(0-15), 16 scene addresses(0-15) and broadcast address.

Unicast mode (address:0-63)

X   Y

X choose 0-6 First address value = X*10+Y
(value beyond 63 will be considered as 63)

E.g.: Set initial address to 40 in unicast mode.

X: 4   Y: 0

First address value = X*10+Y = 4*10+0 = 40

Group mode (address:0-15)

X   Y

X choose 7   First address value = Y

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

X: 7   Y: 5

Scene mode (address:0-15)

X   Y

X choose 8   First address value = Y

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

X: 8   Y: 14

Broadcast mode

X

X choose 9

Wiring diagram

DALI bus power supply
DALI bus
LED strip

EDA1   CV DALI Driver

COB down light

EDA2   CC DALI Driver

COB down light

EDA3   CC DALI Driver

COB down light

EDA4   CC DALI Driver