LTECH

DALI Knob Panel

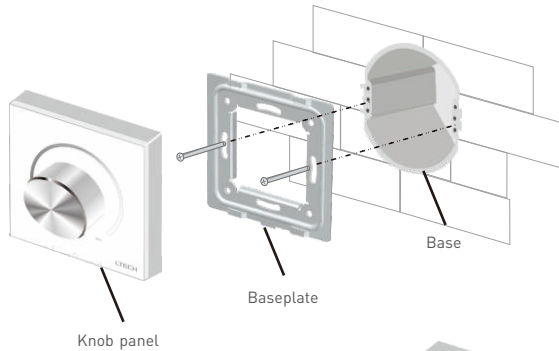Manual
www.ltech-led.com

Product features

- Adopt latest DALI standard protocol IEC62386.
- Support switch and dimming function.
- DALI bus supply power.
- Easy to set DALI address.
- Support group, unicast, broadcast mode.
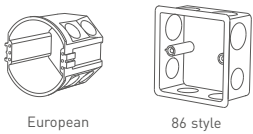
Technical specs

Name:	DALI knob panel	Working temperature:	-20℃~55℃
Model:	E6-DA1	Dimensions:	L86×W86×H50(mm)
Power supply:	DALI power	Package size:	L106×W106×H60(mm)
Output signal:	DALI	Weight(G.W.):	235g
Dimming style:	Spin		
Static current:	6mA@16V		
Standby current:	4mA@16V		

FC CE RoHS warranty 5 years ISO9001:2008

Installation instruction

Knob panel

Baseplate

Base

Typical base as follow:

European   86 style

Uninstall
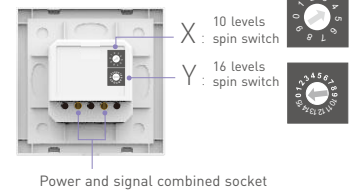
Product size

Unit : mm

86
48
86
25
48
55
82
60
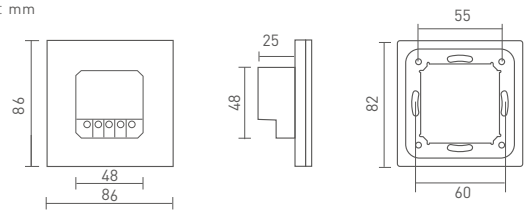
Key functions

* Clockwise: brightness increases.
* Counterclockwise: brightness decreases.
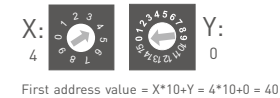 Turn off the panel if you spin to the leftmost end (a click can be heard).

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 or 9: broadcast mode.
Via spin switch, you can set 64 unicast addresses(0-63), 16 group 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

Broadcast mode

X

X choose 8 or 9

Wiring diagram

DALI bus power supply

DALI bus

E6-DA1

CV DALI Driver

LED strip

CC DALI Driver

COB spotlight

CC DALI Driver

COB spotlight

CC DALI Driver

COB spotlight

Update time: 2018.07.09_A0