



General

Product Type	Controller
Length (mm)	86
Width (mm)	86
Height (mm)	37
Housing Color	White
Housing Material	PC
Mounting	Built-in
Weight (g)	240

Electronics

Input Domain	DC
Input Voltage	15 V DC
Power Supply	N/A

Lighting

Color Range	Tunable White
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Control

Output Signal	DALI DT8
Control	DALI
Zones	4
Functions	programmable

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE

RoHS

COMPLIANT

IP20

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.

DALI touch panel



Manual

www.ltech-led.com

Product Features

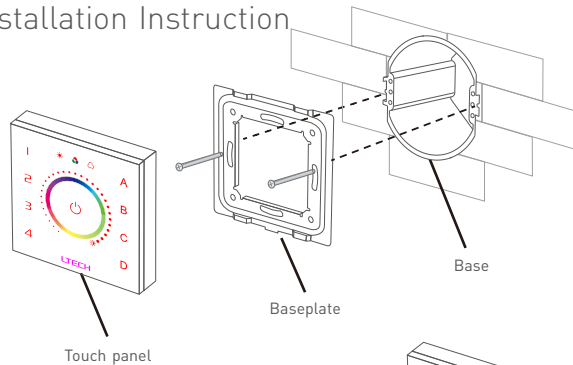
- Adopt DALI standard protocol IEC62386-102,207,209.
- Support DT8 type, Tc(EDT2) and x-y(EDT3) color control.
- Support switch, dimming and color adjustment function, zone control is available.
- DALI bus supply power.
- Easy to set address.
- Support scene, group, unicast and broadcast mode.
- Touch vibration.

Technical Specs

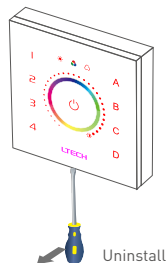
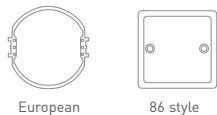
DALI touch panel

Power supply:	DALI power	Working temp.:	-30°C~55°C
Signal:	DALI	Dimensions:	L86×W86×H37(mm)
Dimming key:	EDT1: Dimming control	Package size:	L113×W112×H50(mm)
	EDT2: CT control	Weight(G.W.):	240g
	EDT3: RGB control		
Power consumption:	< 6mA@16V		

Installation Instruction

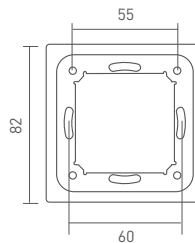
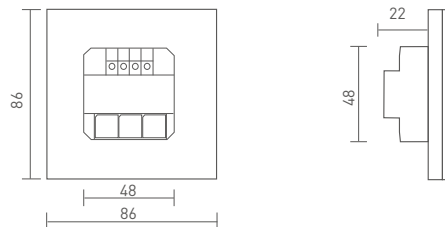


Typical base as follow:

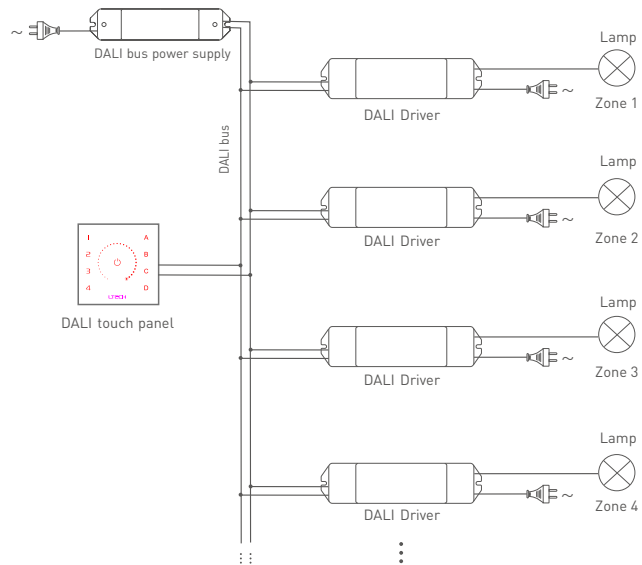


Product Size

Unit: mm



Wiring Diagram

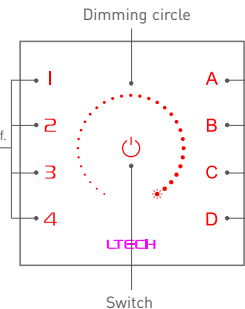


Touch Panel

EDT1

Zone keys

(unicast/group/broadcast)
 Short press: turn on the lamp or select the zones, the indicator light is on.
 Long press: turn off the lamp, the indicator light flicker then off.



Scene keys

Short press: play scene, the indicator light is on.
 Long press: save scene, the indicator light flicker.

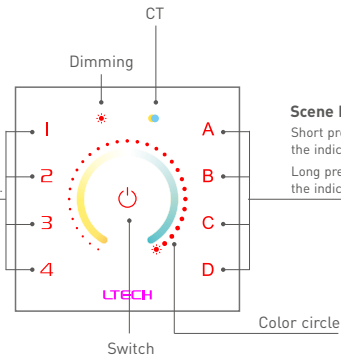
EDT2

Zone keys

(unicast/group/broadcast)

Short press: turn on the lamp or select the zones, the indicator light is on.

Long press: turn off the lamp, the indicator light flicker then off.



Scene keys

Short press: play scene, the indicator light is on.

Long press: save scene, the indicator light flicker.

- * brightness adjustment : click , then slide the color circle after the key light is on.
- CT adjustment : click , then slide the color circle after the key light is on.

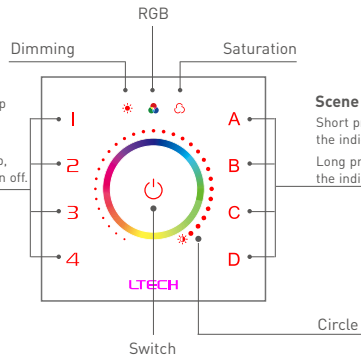
EDT3

Zone keys

(unicast/group/broadcast)

Short press: turn on the lamp or select the zones, the indicator light is on.

Long press: turn off the lamp, the indicator light flicker then off.



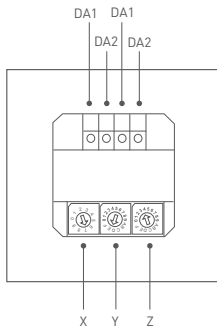
Scene keys

Short press: play scene, the indicator light is on.

Long press: save scene, the indicator light flicker.

- * brightness adjustment : click , then slide the color circle after the key light is on.
- RGB adjustment : click , then slide the color circle after the key light is on.
- Saturation adjustment: click , then slide the color circle after the key light is on.

Terminals

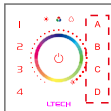


Scene mode

Z is for scene setting, corresponding keys on the panel are A, B, C and D.



Z: scene setting
16 scenes (0-F)



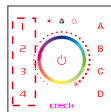
E.g. Z point to 2, the first scene value is 2.
the scene value of A, B, C, D is 2, 3, 4, 5.

E.g. Z point to E, the first scene value is 14.
the scene value of A, B, C, D is 14, 15, 0, 1.

Unicast mode



X choose 0-6 Y choose 0-9
64 unicast address (0-63)



For unicast mode, please point X to 0-6.

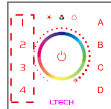
1, 2, 3, 4 of the panel are unicast keys,
1 address value = $X \times 10 + Y$, 2, 3, 4 address
value are incremented by 1 in order.

E.g. how to set 1 address value = 40?
1 address value = $X \times 10 + Y = 4 \times 10 + 0 = 40$
that X point to 4, Y point to 0, now 1, 2, 3, 4
unicast value are 40, 41, 42, 43.

Group mode



X choose 7 Y: address setting
16 group address (0-15)



For group mode, please point X to 7.

1, 2, 3, 4 of the panel are group keys.

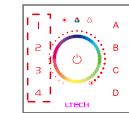
E.g. Y point to 5,
then the first group value is 5,
1, 2, 3, 4 group address value are 5, 6, 7, 8.

E.g. Y point to E,
then the first group value is 14,
1, 2, 3, 4 group address value are 14, 15, 0, 1.

Broadcast mode



X choose 8-9



For broadcast mode, please point X to 8 or 9.

1, 2, 3, 4 of the panel are broadcast keys, touch any one of
them is workable

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact your supplier if any question.