

# LTECH

## DALI touch panel



EDT1



EDT2



EDT3



EDT4

### Manual

[www.ltech-led.com](http://www.ltech-led.com)

## Product Features

- Adopt DALI standard protocol IEC62386-102,207,209.
- Support switch, dimming and color adjustment function; zone control is available.
- DALI bus supply power.
- Easy to set addresses.
- Support scene, group, unicast and broadcast mode.
- Touch vibration.

## Technical Specs

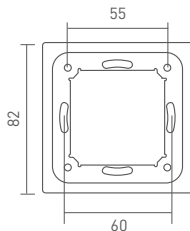
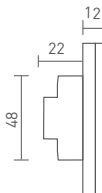
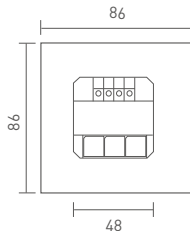
### DALI touch panel

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|               |            |                      |              |
|---------------|------------|----------------------|--------------|
| Power supply: | DALI power | Signal:              | DALI         |
| Control mode: | EDT1 DIM   | Working temp.:       | -30°C~55°C   |
|               | EDT2 CT    | Dimensions(LxWxH):   | 86×86×37mm   |
|               | EDT3 RGB   | Package size(LxWxH): | 113×112×50mm |
|               | EDT4 RGBW  | Weight(G.W.):        | 240g         |

## Dimensions

Unit:mm



## Panel Key Description

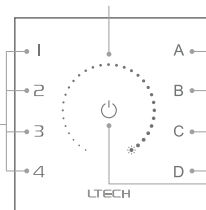
### Zone keys

(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 flashes then turns off.

### Dimming circle



### Scene keys

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

Long press: save scene, the indicator light flashes.

ON/OFF

EDT1

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.

### Zone keys

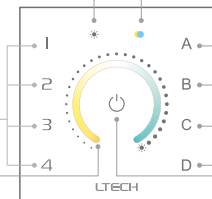
(unicast/group/broadcast)

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

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

Color circle

BRT CT



### Scene keys

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

Long press: save scene, the indicator light flashes.

ON/OFF

EDT2

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.

### Zone keys

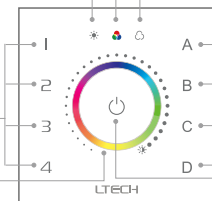
(unicast/group/broadcast)

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

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

Color circle

BRT RGB Saturation



### Scene keys

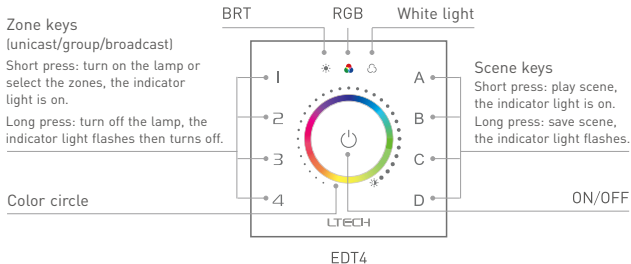
Short press: play scene, the indicator light is on.

Long press: save scene, the indicator light flashes.

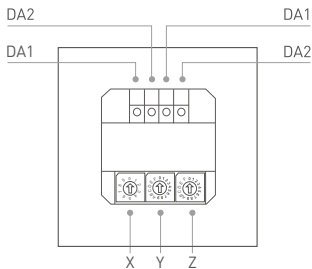
ON/OFF

EDT3

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.  
 White light adjustment: click ☁️, then slide the color circle after the key light is on.



## Terminals



X: 10 level rotary switch

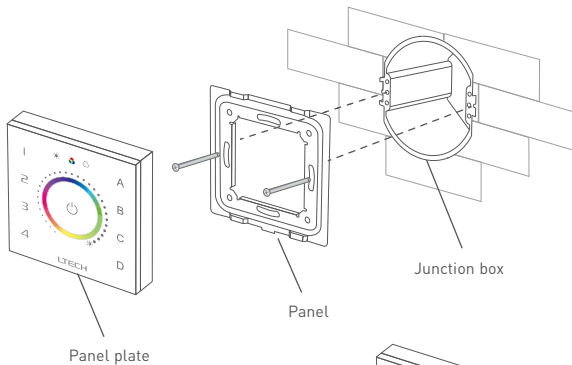


Y: 16 level rotary switch



Z: 16 level rotary switch

# Installation Instructions



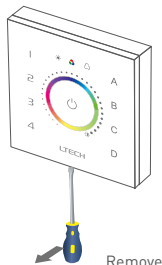
Junction boxes are as follow:



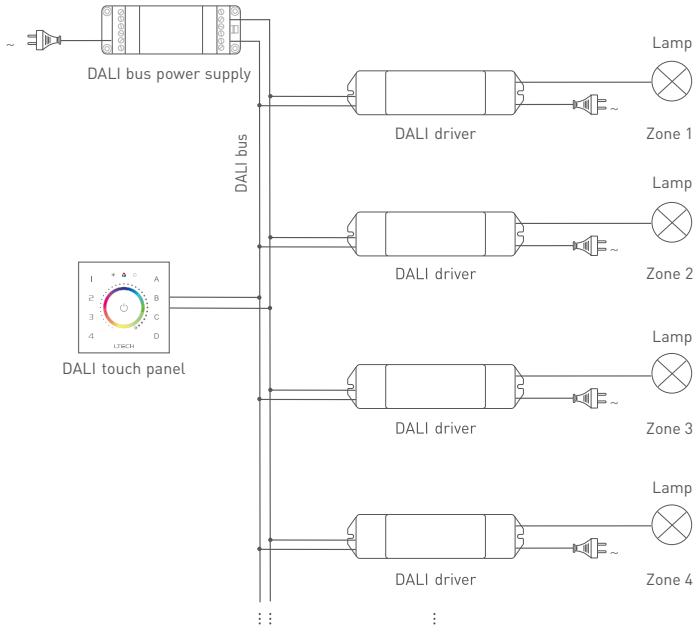
European style



86 type



# Wiring Diagram



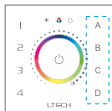
# DALI Address Settings

## 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)



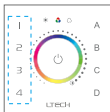
E.g. Z points to 2, the first scene value is 2.  
the scene value of A, B, C, D is 2, 3, 4, 5.

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

## Unicast mode



X points to 0-6    Y points to 0-9  
64 unicast addresses (0-63)



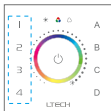
For unicast mode, please point X to 0-6.

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 points to 4, Y points to 0, now 1, 2, 3, 4  
unicast value are 40, 41, 42, 43.



## Group mode



X points to 7 Y: address setting

16 group addresses [0-15]

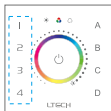
For group mode, please point X to 7.

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

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

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

## Broadcast mode



X points to 8-9

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

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

## Attentions

- This product must be installed and adjusted by a qualified professional.
- This product is non-waterproof (special models excepted). Please avoid the sun and rain.
- When installed outdoors, please ensure it is mounted in a water proof enclosure.
- Good heat dissipation will extend the life the product. Please install the product in a environment with good ventilation.

- When you install this product, please avoid being near a large area of metal objects or stacking them to prevent signal interference.
  - Please keep the product away from a intense magnetic field, a high pressure area or a place where lightning is easy to occur.
  - Please check whether the working voltage used complies with the parameter requirements of the product.
  - Before you power on the product, please make sure all the wiring is correct in case of incorrect connection that may cause a short circuit and damage the components, or trigger a accident.
  - If a fault occurs, please do not attempt to fix the product by yourself. If you have any question, please contact the supplier.
- \* This manual is subject to changes without further notice. Product functions depend on the goods. Please feel free to contact our official distributors if you have any question.

## Warranty Agreement

- Warranty periods from the date of delivery: 5 years.
- Free repair or replacement services for quality problems are provided within warranty periods.

Warranty exclusions below:

- Beyond warranty periods.
- Any artificial damage caused by high voltage, overload, or improper operations.
- Products with severe physical damage.
- Damage caused by natural disasters and force majeure.
- Warranty labels and barcodes have been damaged.
- No any contract signed by LTECH.

1. Repair or replacement provided is the only remedy for customers. LTECH is not liable for any incidental or consequential damage unless it is within the law.
2. LTECH has the right to amend or adjust the terms of this warranty, and release in written form shall prevail.

# LTECH

## DALI 触摸面板



EDT1



EDT2



EDT3



EDT4

使用说明书

[www.ltech.cn](http://www.ltech.cn)

## 产品特征

- 采用DALI标准协议IEC62386-102,207,209;
- 支持开关、调光、调色功能,可分区控制;
- DALI总线供电;
- 设置地址简单快捷;
- 支持场景、分组、单播、广播四种控制方式;
- 具有触摸振动的触感体验。

## 技术参数

### DALI 触摸面板

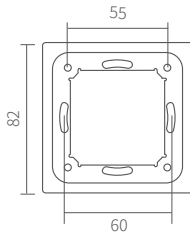
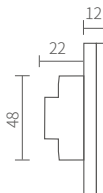
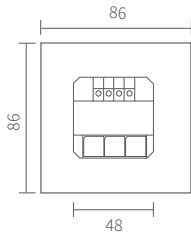
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|     |             |         |                      |
|-----|-------------|---------|----------------------|
| 供电: | DALI总线取电    | 信号:     | DALI                 |
| 模式: | EDT1 调光控制   | 工作温度:   | -30°C~55°C           |
|     | EDT2 色温控制   | 产品尺寸:   | 86×86×37mm (LxWxH)   |
|     | EDT3 RGB控制  | 包装尺寸:   | 113×112×50mm (LxWxH) |
|     | EDT4 RGBW控制 | 重量(毛重): | 240克                 |



# 产品尺寸

单位：mm



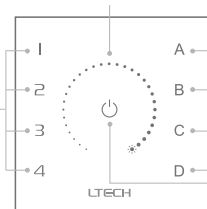
## 面板按键说明

分区键 (单播/分组/广播)

短按：开启/选择区域，指示灯亮起

长按：关闭区域，指示灯闪烁后熄灭

调光色环



场景键

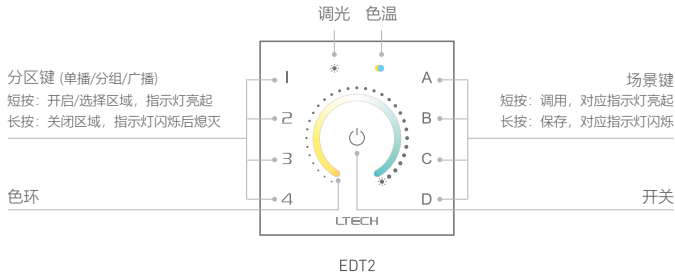
短按：调用，对应指示灯亮起

长按：保存，对应指示灯闪烁

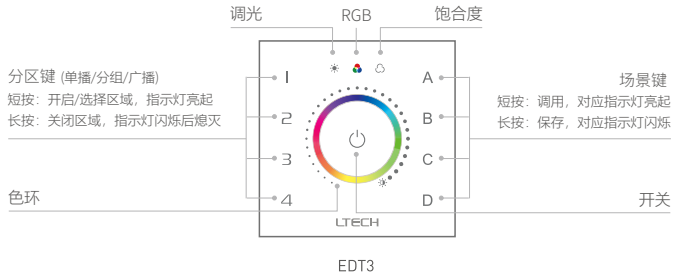
开/关

EDT1

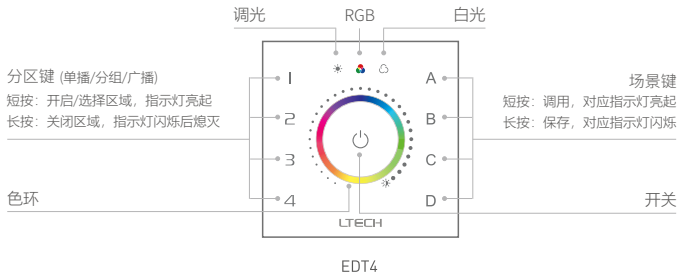
调亮度：点击 ☀️，按键灯亮起后再滑动色环。调色温：点击 🟡🔵，按键灯亮起后再滑动色环。



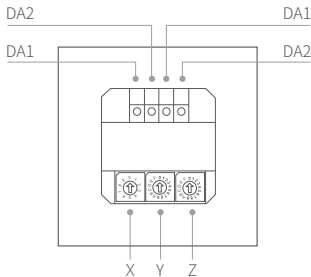
调亮度：点击 ☀️，按键灯亮起后再滑动色环。调RGB：点击 🟡🔵🟢，按键灯亮起后再滑动色环。  
调饱和度：点击 🔄，按键灯亮起后再滑动色环。



调亮度：点击 ☀️，按键灯亮起后再滑动色环。调RGB：点击 🌈，按键灯亮起后再滑动色环。  
调白光：点击 ☁️，按键灯亮起后再滑动色环。



## 端子说明



X: 10档旋钮开关

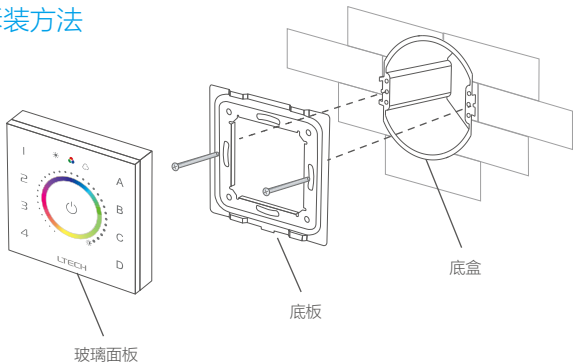


Y: 16档旋钮开关



Z: 16档旋钮开关

## 拆装方法



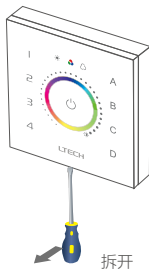
典型底盒如下：



欧式

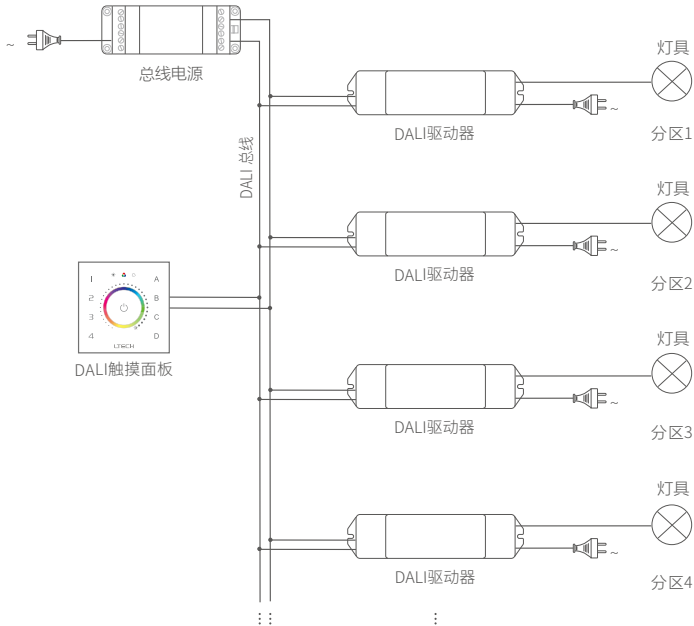


86盒





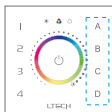
## 接线图



# DALI地址设置

## 场景模式

Z旋钮为场景设置，对应面板上的A B C D按键。



例: Z指向2, 则起始场景值为2

面板A B C D的场景值分别为2, 3, 4, 5

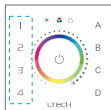
例: Z指向E, 则起始场景值为14

面板A B C D的场景值分别为14,15, 0, 1

Z: 场景设置

可设置16个场景(0-F)

## 单播模式



单播模式时请将X旋钮指向0-6

面板的1 2 3 4为单播按键

1 地址值= $X \times 10 + Y$ , 2 3 4地址值按顺序加1

例: 单播模式, 设置 1 地址为40

1地址值= $X \times 10 + Y = 4 \times 10 + 0 = 40$

即X指向4, Y指向0, 此时1 2 3 4 对应的

单地址值为40, 41, 42, 43

X: 指向0-6 Y: 地址设置0-9

可设置64个单播地址(0-63)

## 组模式

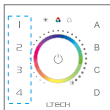


X: 指向7



Y: 地址设置

可设置16个组地址(0-15)



组模式时请将X旋钮指向7

面板的1 2 3 4为组按键, 具体组地址值如下:

例: Y指向5, 则起始组地址值为5

面板1 2 3 4的组地址值为 5, 6, 7, 8

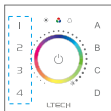
例: Y指向E, 则起始组地址值为14

面板1 2 3 4的组地址值为14,15, 0, 1

## 广播模式



X: 指向8-9



广播模式请将X指向8或9

面板的1 2 3 4均为广播按键, 操作任意一个即可

## 注意事项

- 本产品请由具有专业资格的人员进行调试安装;
- 本产品(专有型号除外)不能防水, 需避免日晒雨淋;
- 良好的散热条件会延长产品的使用寿命, 请把产品安装在通风良好的环境;
- 安装时, 避免靠近大面积金属物体, 或堆叠摆放, 以免信号干扰影响使用;

- 避免安装在雷区、强磁场和高压区域；
- 请检查使用的工作电压是否符合产品的参数要求；
- 通电调试前，确保所有接线正确且牢固，以免短路损坏部件，触发事故；
- 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

\* 本说明书的内容如有变更，恕不另行通知。若内容与您使用的功能有所不同，则以实物为准。  
如有疑问，欢迎向我司授权的经销商咨询。

## 保修条例

- 自出厂之日起保修服务期为5年。
- 在保修服务期内出现产品质量问题雷特将给予免费修理或更换服务。

非保修条例：

属下列情况不在免费保修或更换服务范围之内：

- 已经超出保修期限的；
- 过高电压、超负载、操作不当等人为造成的损坏；
- 产品外形严重损坏或变形；
- 自然灾害以及人力不可抗拒原因造成的损坏；
- 产品保修标签和产品唯一条形码损坏。
- 无雷特签订的合同或发票凭证。

1. 修理或更换是雷特对客户的唯一补救措施。雷特不承担任何附带引起的损害赔偿責任，除非在适用法律范围之内。
2. 雷特享有修正或调整本保修条款的权利，并以书面形式发布为准。