

LTECH

EX55 Touch Panel (RGBW)



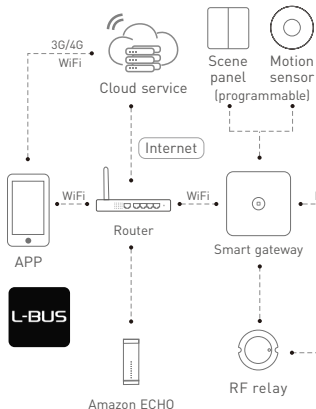
Manual

www.ltech-led.com

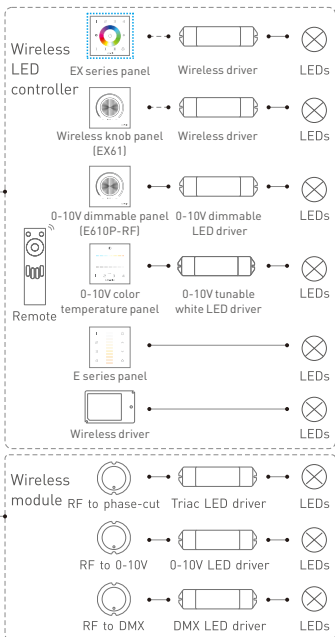
System Diagram

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L-BUS



— Wired connection
- - - Wireless connection



Product Features

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- 2 in 1 control mode: RF and wired DMX512 protocol , more flexible and convenient for project installation.
- Advanced RF wireless sync control technology allows receivers to achieve dimming, color changing and dynamic color changing effects in sync.
- RGB, RGBW, RGB+CT LED lights can be controlled.
- Touch keys with chord and LED indicator.
- Panel adopts capacitive touch control technology, making LED color selections more user-friendly.
- Touch panel can be controlled by remote directly or smart phone if add a gateway.

Technical Specs

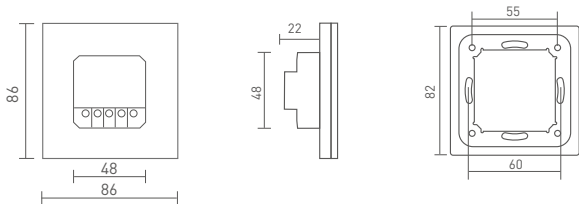
| | | | |
|----------------|--------------------|----------------|---------------------|
| Model: | EX5S | Working Temp.: | -20°C~55°C |
| Input Voltage: | 100-240Vac | Dimensions: | 86×86×36mm(L×W×H) |
| Wireless Type: | RF 2.4GHz | Package Size: | 113×112×50mm(L×W×H) |
| Output Signal: | RF 2.4GHz, DMX 512 | Weight(G.W.): | 225g |

FC CE RoHS (5-Year Warranty)

Product Size

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Unit : mm



Key Functions

Scene-mode

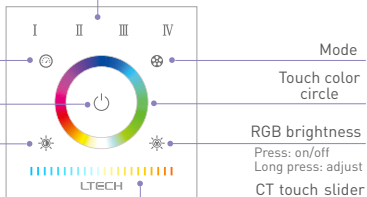
Short press: play
Long press: save

Speed

ON/OFF

CT brightness

Press: on/off
Long press: brightness



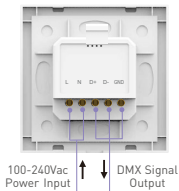
Mode

1. Red green jumping
2. Green blue jumping
3. Red blue jumping
4. RGB jumping
5. 7 color jumping
6. Red green gradient
7. Green blue gradient
8. Red blue gradient
9. RGB gradient
10. 7 color gradient

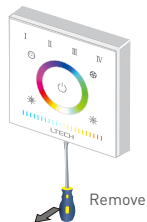
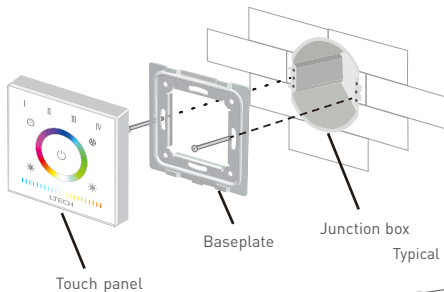
* When blue indicator light of key is on, long press to turn on/off buzzer.
When white indicator light of key is on, long press to match code.

Terminals

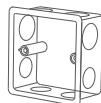
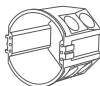
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Installation Instructions



Typical junction boxes are as follows:

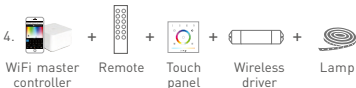


Application composition

DMX512 control

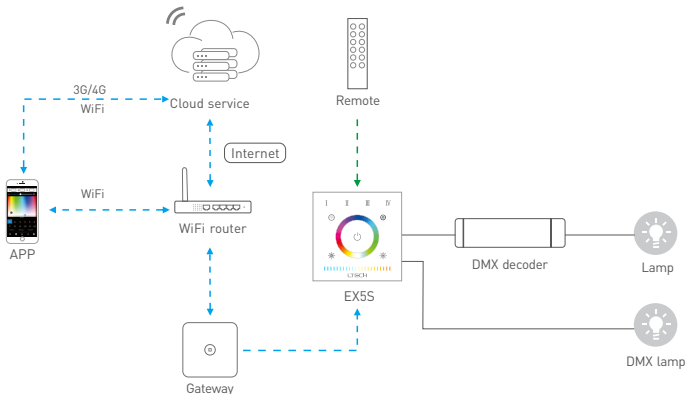


Wireless control



Match code sequence

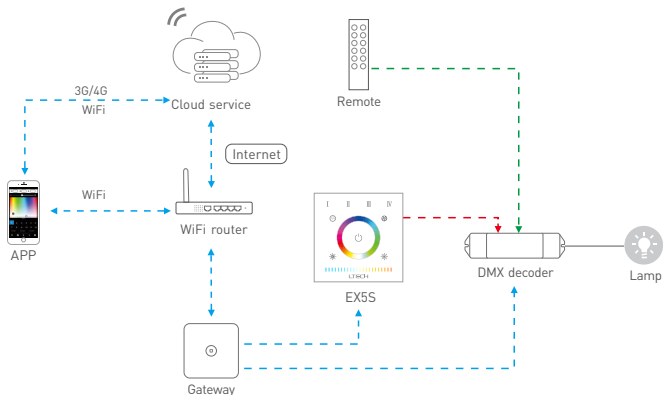
DMX system wiring



Match Code Sequence

1. Pair a gateway with the panel, which enables the smart phone to control DMX devices via gateway.
2. Pair a remote with the panel, which enables the remote to control DMX devices.

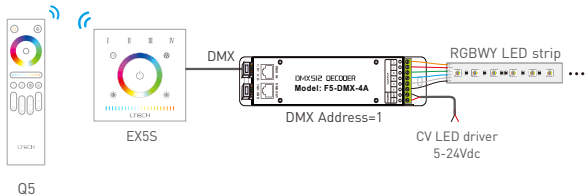
Wireless system wiring



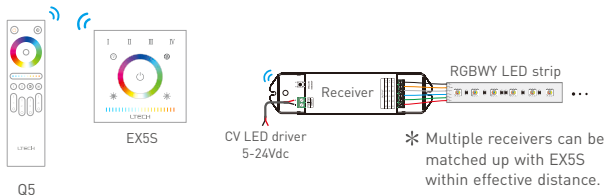
Match Code Sequence

1. Wireless driver & gateway.
2. Panel & gateway.
3. Remote & panel , remote & wireless driver.

DMX Wiring



RF Wireless Wiring



DMX Channel Output Sheet

| Address | RGBWY (0 ≤ N ≤ 101) | | | | | | | |
|---------|---------------------|----|----|----|----|----|-----|-----|
| Type | 1 | 2 | 3 | 4 | 5 | 6 | ... | 510 |
| Zone | R1 | G1 | B1 | W1 | Y1 | R1 | ... | Y1 |

Match Code between Touch Panel & Wireless Driver

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Touch panels can work with wireless driver F5-DMX-4A.

Method 1:

1. Power off the driver.



2. Long press On/Off key of the panel until all indicator lights flash.



3. Power on the driver, the lamps flash slowly, please complete step 4 within 15s.



4. Short press any key or color circle / slider on the panel, match successfully.



Method 2:

1. Short press "ID learning button" on wireless driver, the lamp flashes, please complete next step within 15s.

ID learning button



2. Long press On/Off key on panel until all indicator lights flash.




3. Short press any key or color circle / slider on the panel, match successfully.



* Please match/clear code when  indicator light of panel is white.

Match Code between Touch Panels

1. B matches with A, long press  on B until all indicator lights flash.




2. Touch the slider on A within 15s, when indicator lights of B stop flashing, match successfully.



Match Code between Touch Panel & Remote **LTECH**

1.

Long press  on touch panel until all scene's indicator lights flash.



2.


Long press the matching zone's "ON" key on Q5, the indicator light of panel stop flashing, match successfully.



Q5

Match Code between Touch Panel & Gateway

1.

Long press  on touch panel until all scene's indicator lights flash.



2.

Turn on APP, enter "zone set" interface, click the right top "MATCH" key, then follow the prompts.



Clear Code



Press the bottom two key on touch panel simultaneously for 5 seconds, the indicator light flashes several times, clear code successfully.

* Please match/clear code when panel is on (white indicator light of  key is on).

* 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.

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EX55 触摸面板(RGBWY)

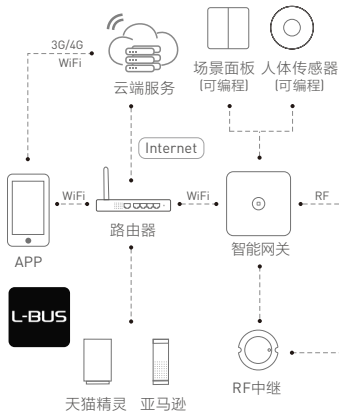


使用说明书

www.ltech.cn

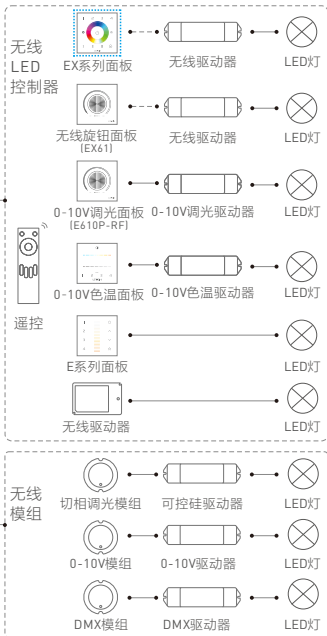
系统图:

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—— 有线连接
 - - - 无线连接

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产品特征:

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- 采用无线RF与有线DMX512协议二合一控制方式，工程应用更灵活方便；
- 领先的RF无线同步控制技术，接收器之间可实现调光、调色动态变化效果同步；
- 可控制RGB、RGBW、RGB+色温的LED灯具；
- 触摸按键带和弦音和LED夜光指示灯；
- 面板采用电容式全彩触控方式，LED色彩选择更人性化；
- 面板可用遥控控制，增加网关可用手机控制。

技术参数:

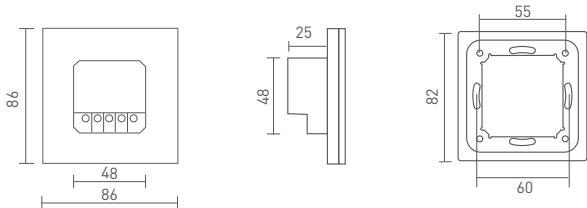
| | | | |
|-------|--------------------|---------|---------------------|
| 型号: | EX5S | 工作温度: | -20°C~55°C |
| 输入电压: | 100-240Vac | 产品尺寸: | 86×86×36mm(长×宽×高) |
| 无线类型: | RF 2.4GHz | 包装尺寸: | 113×112×50mm(长×宽×高) |
| 输出信号: | RF 2.4GHz, DMX 512 | 重量(毛重): | 225g |

FC CE RoHS [质保5年]

产品尺寸:

单位: mm

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面板按键说明:

场景键

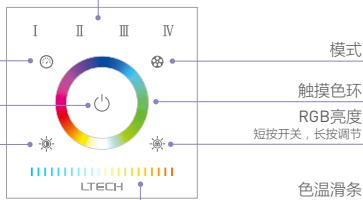
短按调出, 长按储存

速度

开关

色温亮度

短按开关, 长按调光



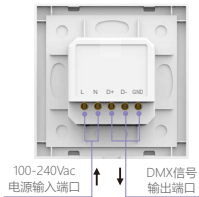
变化模式

- 1、红绿跳变
- 2、绿蓝跳变
- 3、红蓝跳变
- 4、三色跳变
- 5、七彩跳变
- 6、红绿渐变
- 7、绿蓝渐变
- 8、红蓝渐变
- 9、三色渐变
- 10、七彩渐变

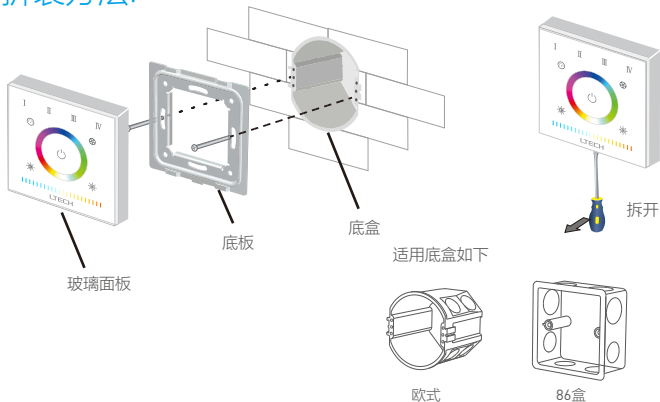
* 开关指示灯为蓝色时, 长按  键可开关按键声音。

开关指示灯为白色时, 长按  键进行配对。

接线端子:



拆装方法:



应用组合:

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DMX512控制:



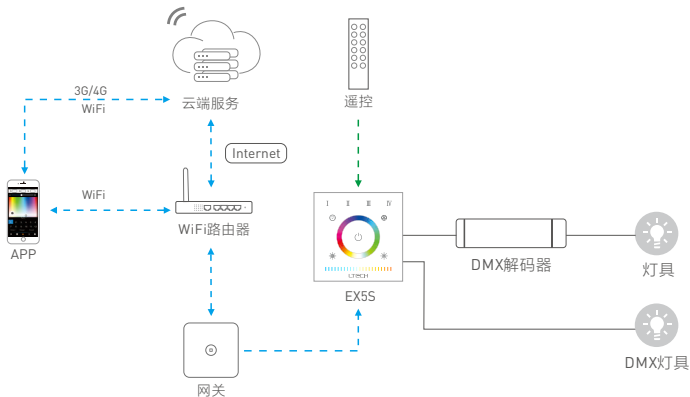
无线控制:



应用示意图:

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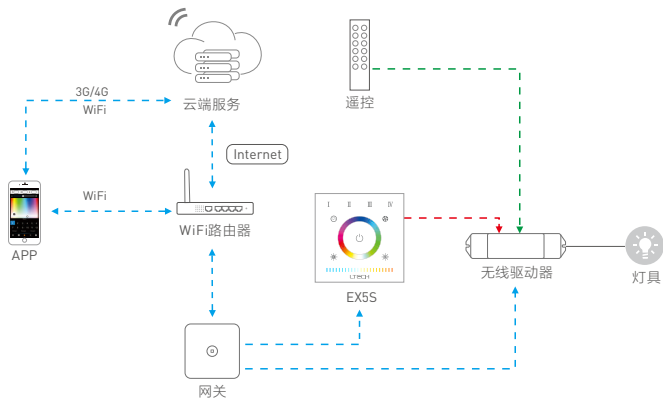
DMX系统连接图



对码顺序

- 1、网关与面板学习, 实现手机通过网关对DMX设备的控制;
- 2、遥控与面板学习, 实现遥控对DMX设备的控制。

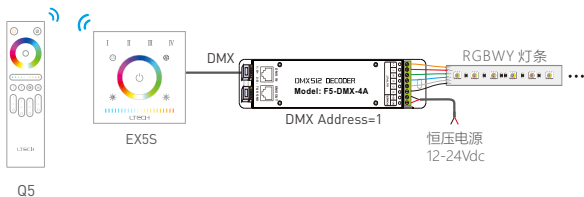
无线系统连接图



对码顺序

- 1、无线驱动器与网关学习;
- 2、面板与网关学习;
- 3、遥控分别与面板及无线驱动器学习。

DMX输出连接:



RF无线连接图:



DMX地址设置:

| 地址 | RGBWY (0 ≤ N ≤ 101) | | | | | | | | |
|----|---------------------|----|----|----|----|----|-----|-----|--|
| 分区 | 1 | 2 | 3 | 4 | 5 | 6 | ... | 510 | |
| 类型 | R1 | G1 | B1 | W1 | Y1 | R1 | ... | Y1 | |

面板与无线驱动器对码:

触摸面板可与无线驱动器F5-DMX-4A配对使用

方法一：

1. 无线驱动器断电。



2. 长按面板的开关键，直到面板所有指示灯闪烁。



3. 无线驱动器上电，此时负载灯慢闪，请在15秒内完成后续操作。



4. 按面板上的色环/滑条或任意键，学习成功。



方法二：

1. 短按无线驱动器的ID学习键，负载灯闪烁，请在15秒内完成后续操作。



2. 长按面板的开关键，直到面板所有指示灯闪烁。



3. 按面板上的色环/滑条或任意键，学习成功。



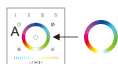
* 请在触摸面板开关指示灯为白色时进行对码清码操作。

面板之间对码:

1. B学习A，长按B的 开键，直至所有按键指示灯闪烁。




2. 15秒内按下A的滑条，B指示灯停止闪烁，对码成功。



面板与遥控对码:

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1.

长按面板的  键,
直至所有指示灯闪烁。



2.


长按Q5需配对分区的按键,
面板指示灯停止闪烁, 对码成功。



Q5

面板与网关对码:

1.

长按面板的  键,
直至所有指示灯闪烁。



2.

打开APP, 进入分区设置界面,
点击右上角的 "MATCH" 按键,
按照APP上的提示进行操作。



清码:



同时按面板最下面两个键约5秒, 指示灯闪烁几次, 清码成功。

* 请在触摸面板开 (开关指示灯为白色) 的状态下进行对码清码操作。

* 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。

- 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:

- 已经超出保修服务期;
 - 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责任, 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。