LTECH

EX5S Touch Panel (RGBWY)

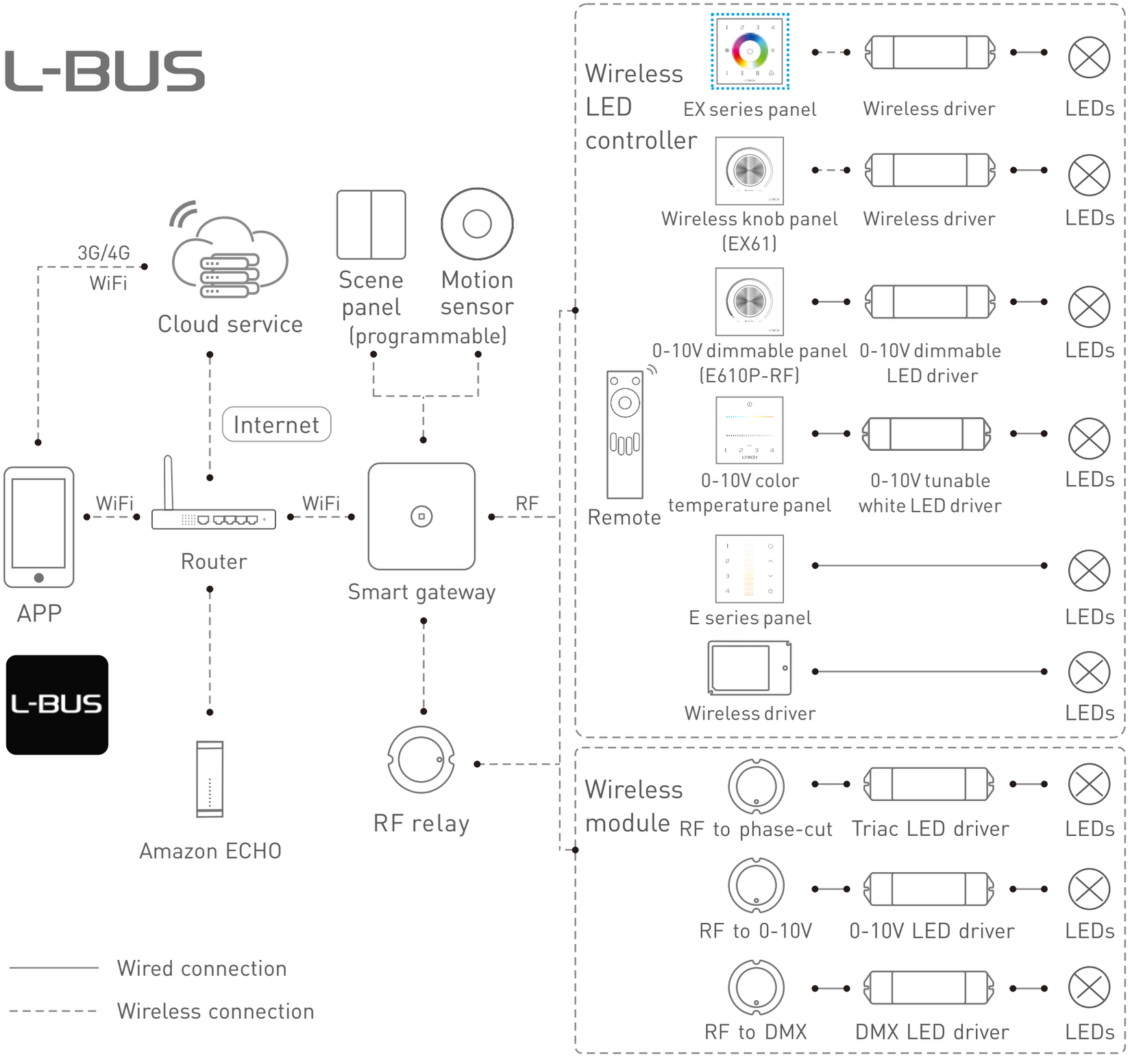
Manual

www.ltech-led.com

System Diagram

LTECH

L-BUS



Product Features

- 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.

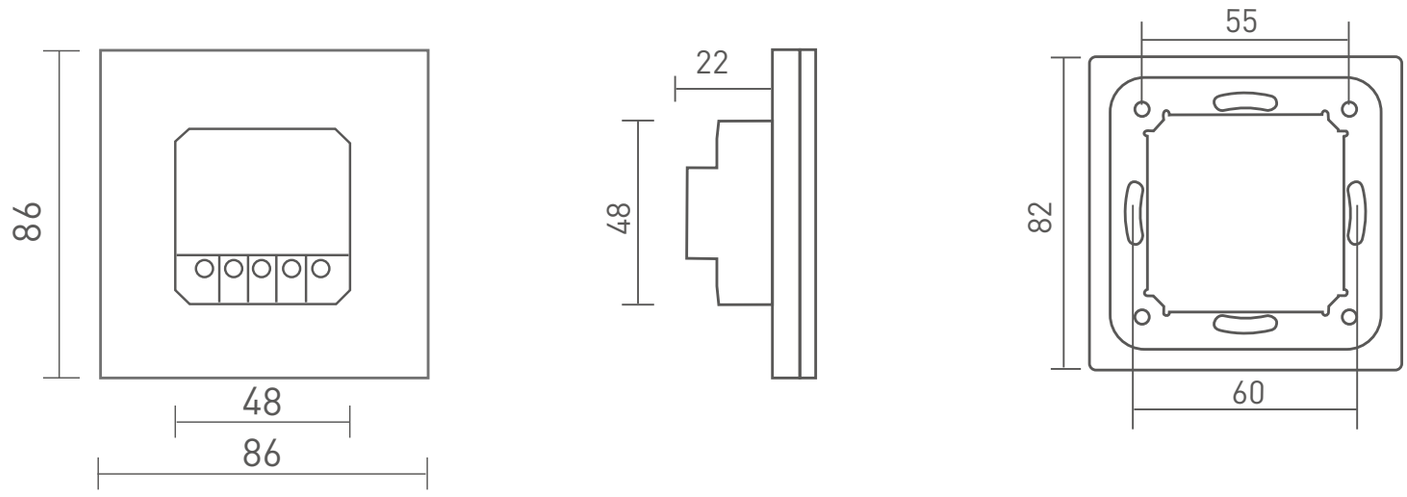
Technical Specs

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

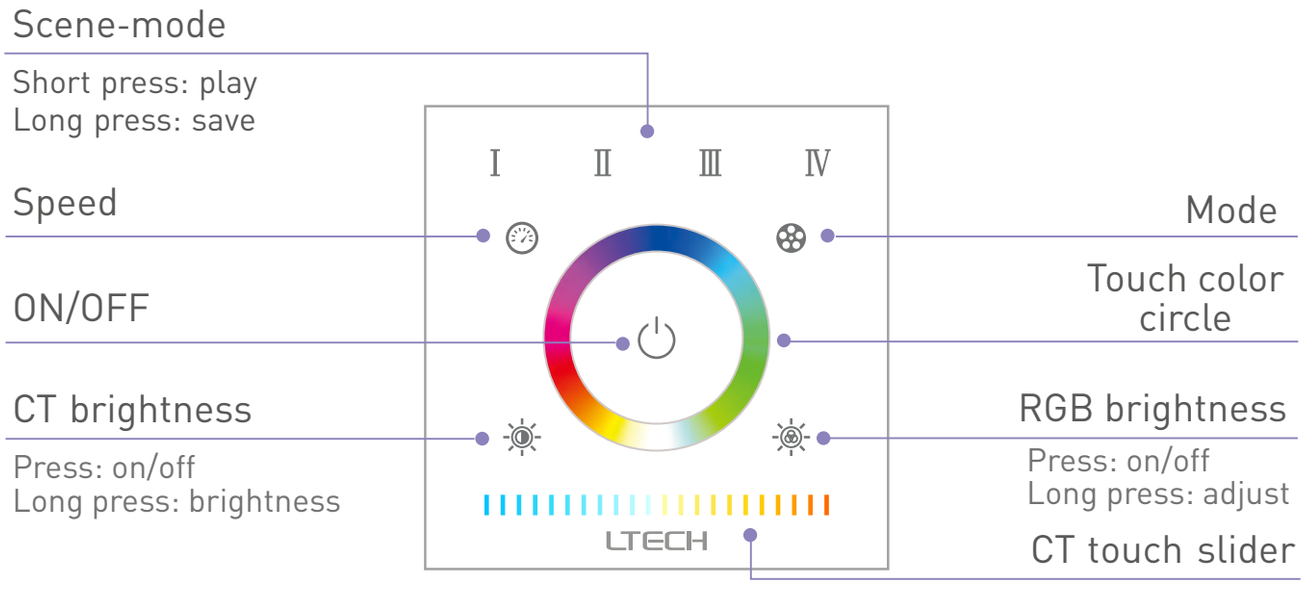
FC CE RoHS 5-Year Warranty

Product Size

Unit : mm



Key Functions

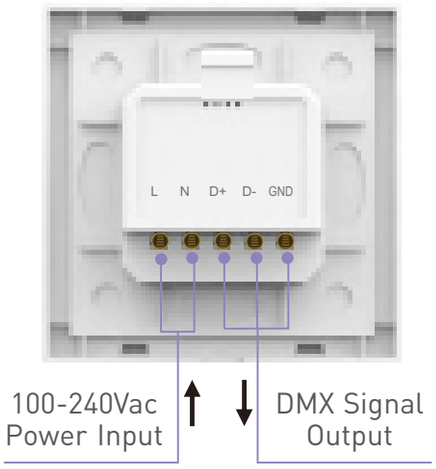


Mode

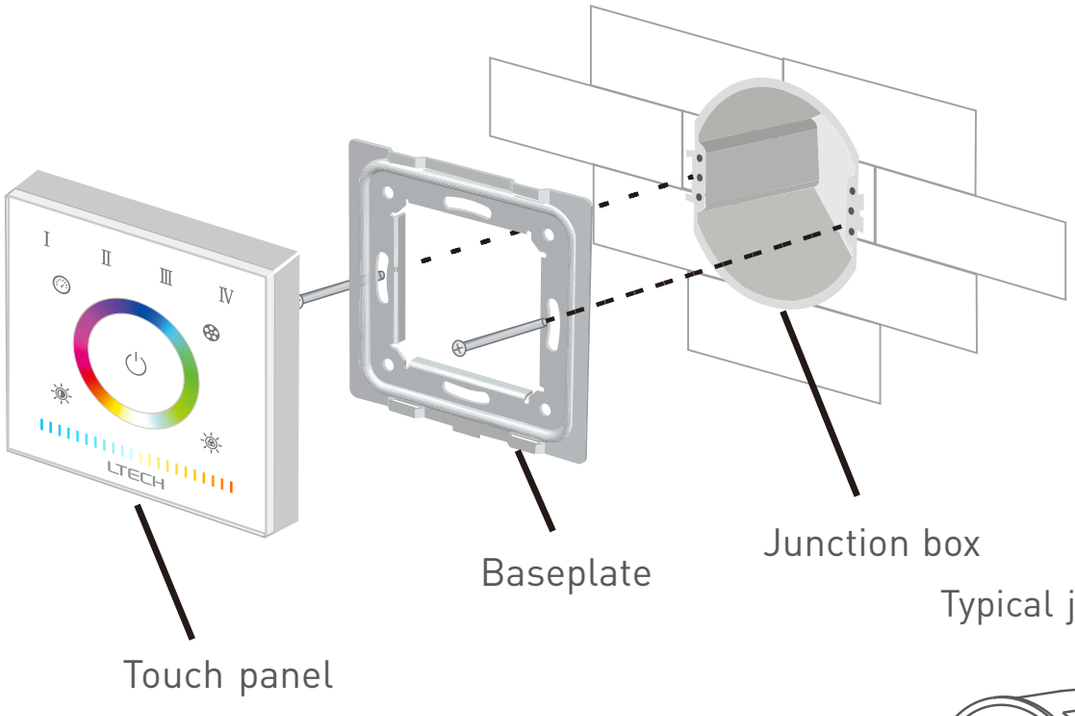
1. Red green jumping
2. Green blue jumping
3. Red blue jumping
4. RGB jumping
5. 7 color jumping
6. Red green gradient
7. Green blue gradient
8. Red blue gradient
9. RGB gradient
10. 7 color gradient

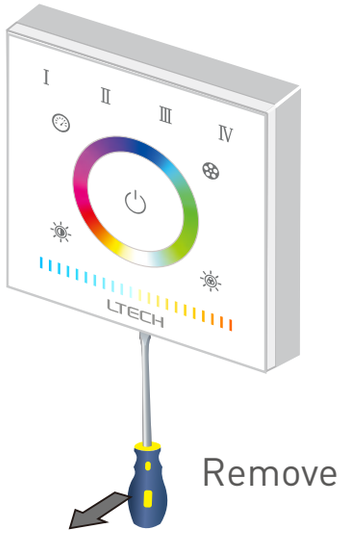
✻ When blue indicator light of ⏻ key is on, long press ⏻ to turn on/off buzzer.
When white indicator light of ⏻ key is on, long press ⏻ to match code.

Terminals

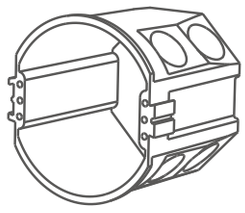


Installation Instructions

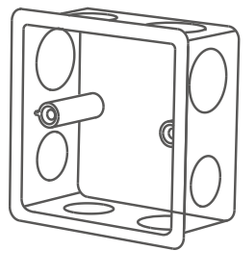




Typical junction boxes are as follows:



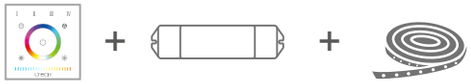
European Style

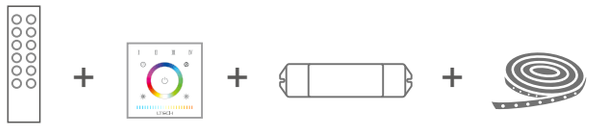


86 Type

Application composition

DMX512 control

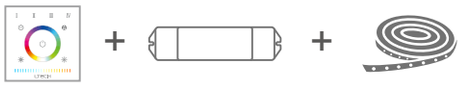
1. 
Touch panel + DMX driver + Lamp

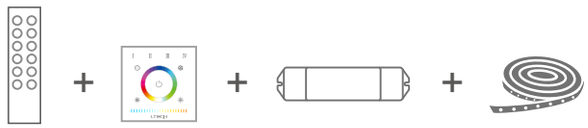
2. 
Remote + Touch panel + DMX driver + Lamp

3.
WiFi master controller + Touch panel + DMX driver + Lamp

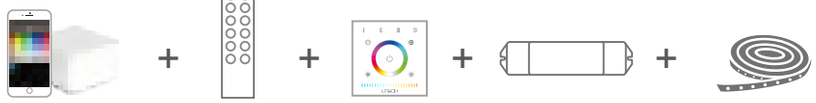
4.
WiFi master controller + Remote + Touch panel + DMX driver + Lamp

Wireless control

1. 
Touch panel + Wireless driver + Lamp

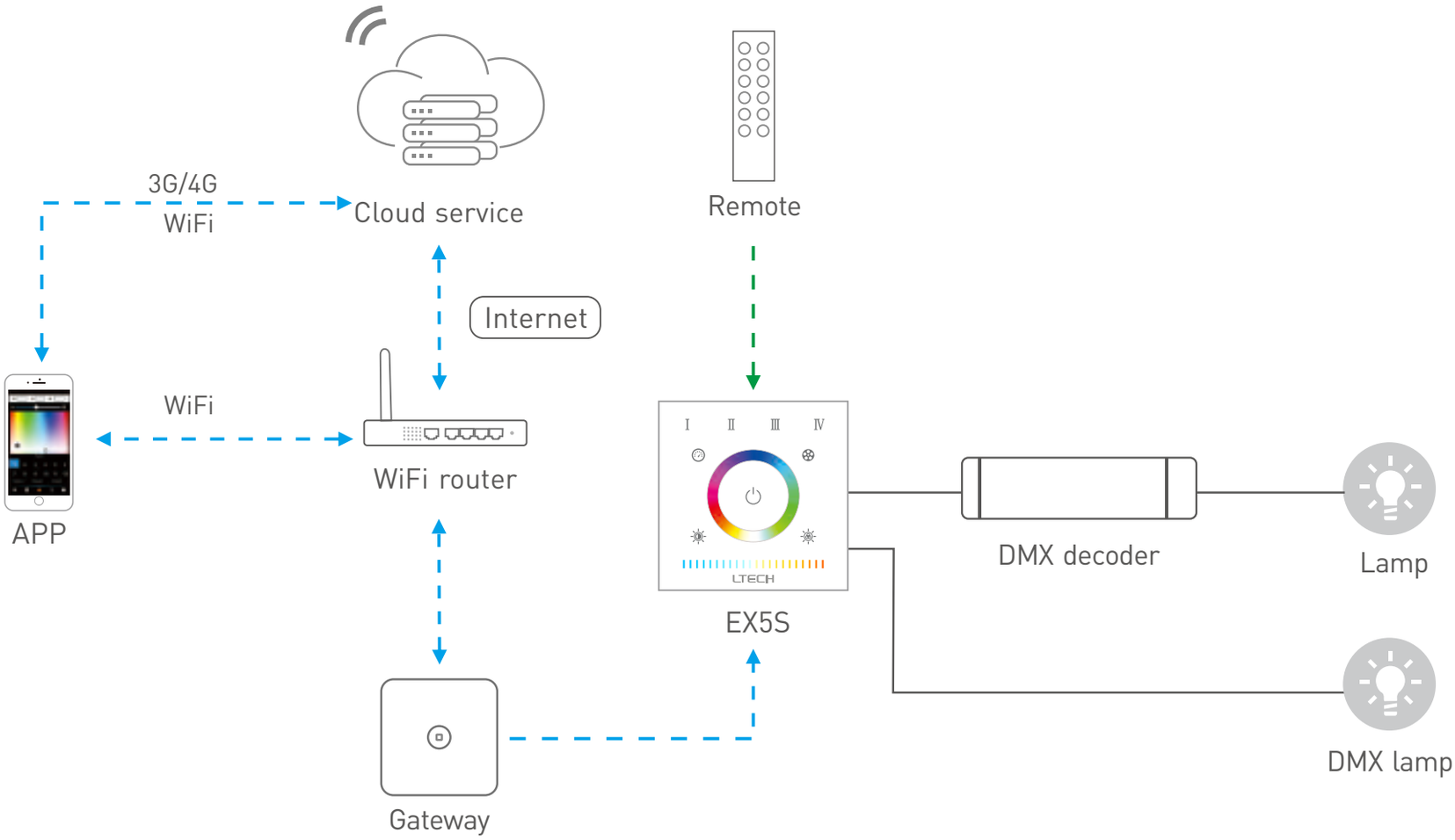
2. 
Remote + Touch panel + Wireless driver + Lamp

3.
WiFi master controller + Touch panel + Wireless driver + Lamp

4. 
WiFi master controller + Remote + Touch panel + Wireless driver + Lamp

Match code sequence

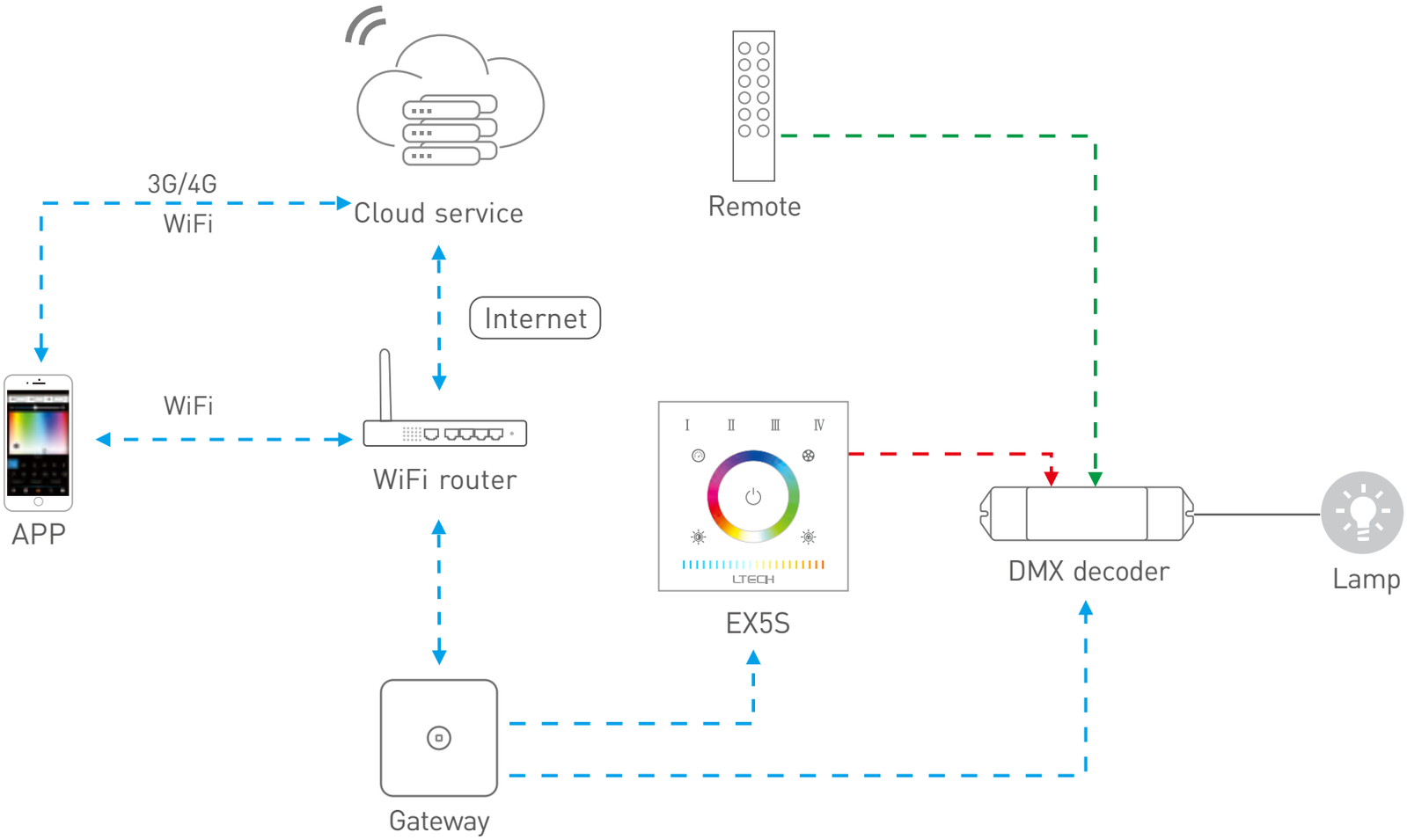
DMX system wiring



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.

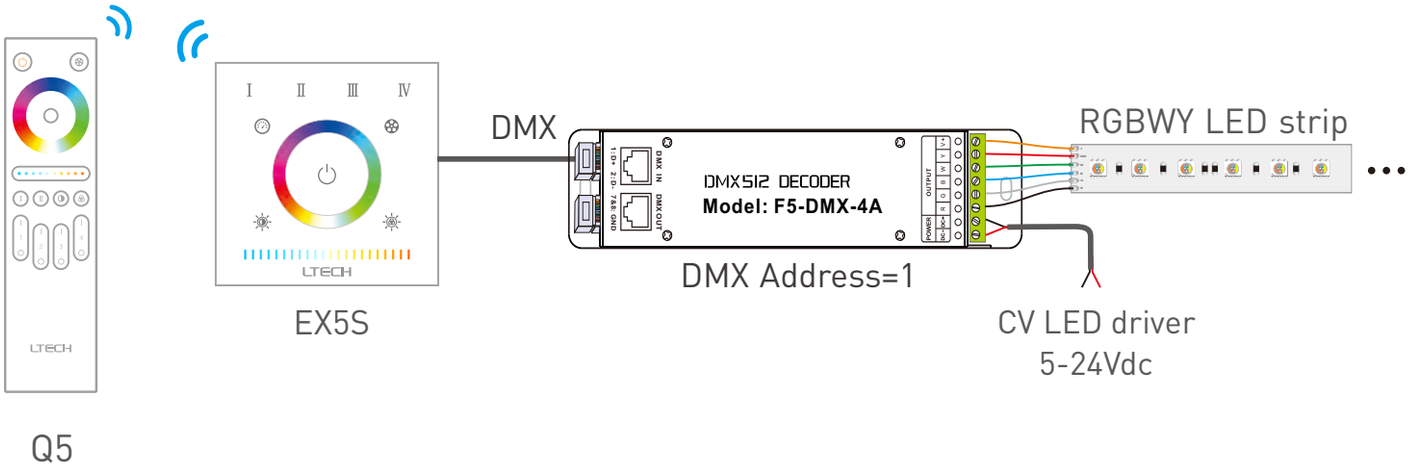
Wireless system wiring



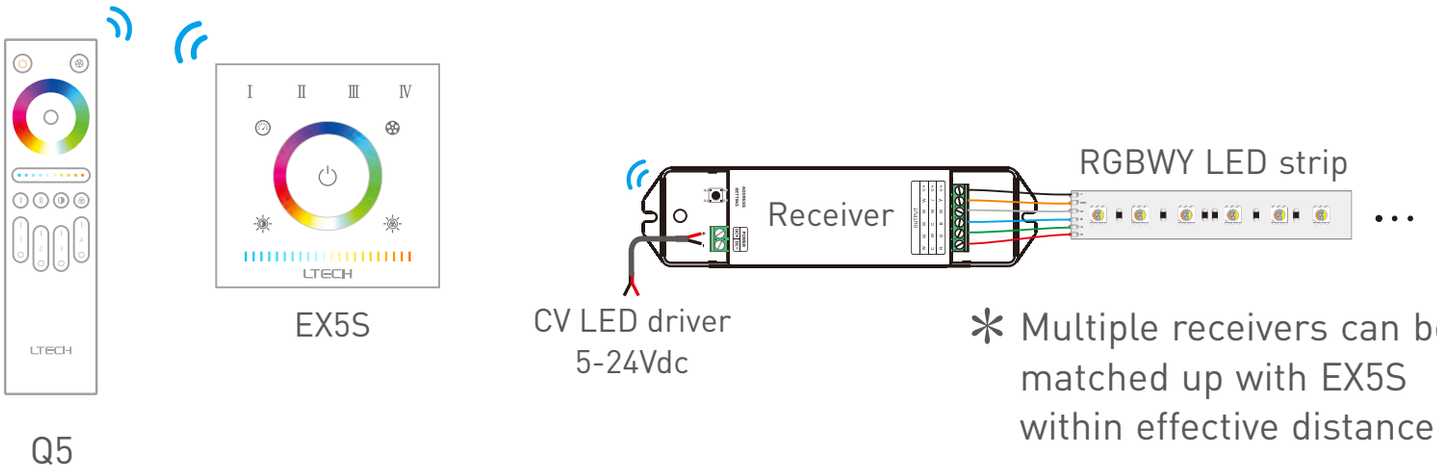
Match Code Sequence

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

DMX Wiring



RF Wireless Wiring



* Multiple receivers can be matched up with EX5S within effective distance.

DMX Channel Output Sheet

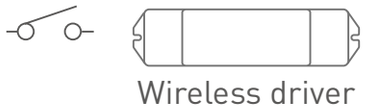
Address	RGBWY （0≦N≦101）							
Type	1	2	3	4	5	6	···	510
Zone	R1	G1	B1	W1	Y1	R1	···	Y1

Match Code between Touch Panel & Wireless Driver

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

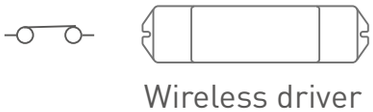
Method 1:

1. Power off the driver.



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

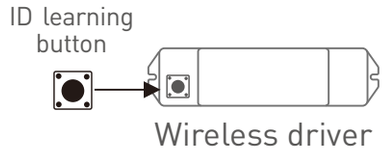
3. Power on the driver, the lamps flash slowly, please complete step 4 within 15s.



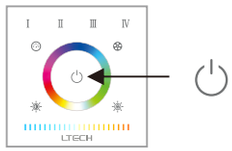
4. Short press any key or color circle / slider on the panel, match successfully.

Method 2:

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



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

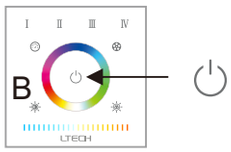


3. Short press any key or color circle / slider on the panel, match successfully.

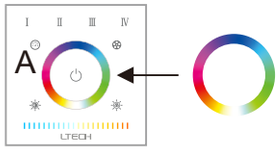
✻ Please match/clear code when ⏻ indicator light of panel is white.

Match Code between Touch Panels

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



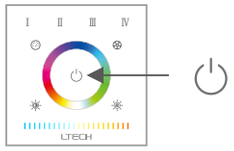
2. Touch the slider on A within 15s, when indicator lights of B stop flashing, match successfully.



Match Code between Touch Panel & Remote

1.

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



2.

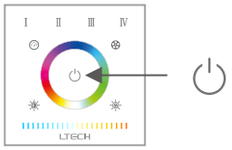
Long press the matching zone's "ON" key on Q5, the indicator light of panel stop flashing, match successfully.

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.