



LTECH EX6 LED Touch Panel User Manual

[Home](#) » [LTECH](#) » LTECH EX6 LED Touch Panel User Manual 

LTECH EX6 LED Touch Panel User Manual



Contents

- 1 Series Touch Panel
- 2 System diagram
- 3 Product features
- 4 Technical specs
- 5 Key functions
- 6 Product size
- 7 Terminals
- 8 Installation instruction
- 9 Match code sequence
- 10 Application composition
- 11 DMX wiring
- 12 RF wireless wiring
- 13 Multi-panel control wiring
- 14 Match code between touch panel & remote
- 15 Match code between touch panel & wireless driver
- 16 Match code between touch panel & gateway
- 17 Clear code
- 18 Warranty agreement
- 19 Documents / Resources
 - 19.1 References
- 20 Related Posts

Series Touch Panel

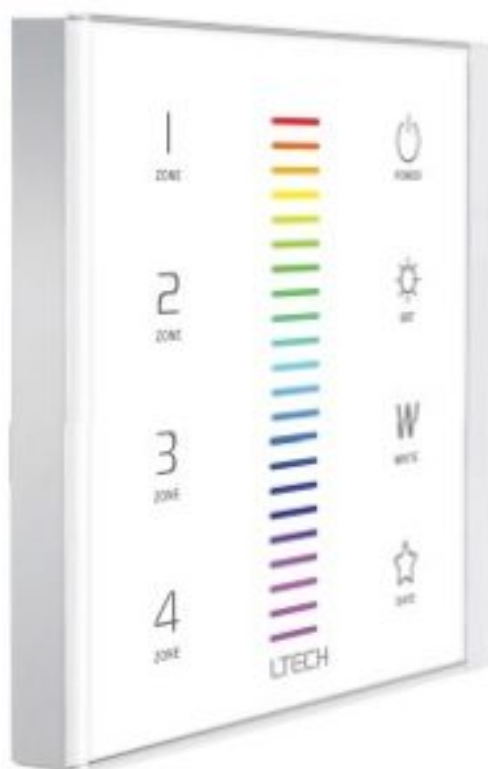
- EX5 (Dimming)



- EX6 (CT)



- EX8 (RGBW)



- EX8S (RGBW)



- Q series remote



- APP



- F series remote



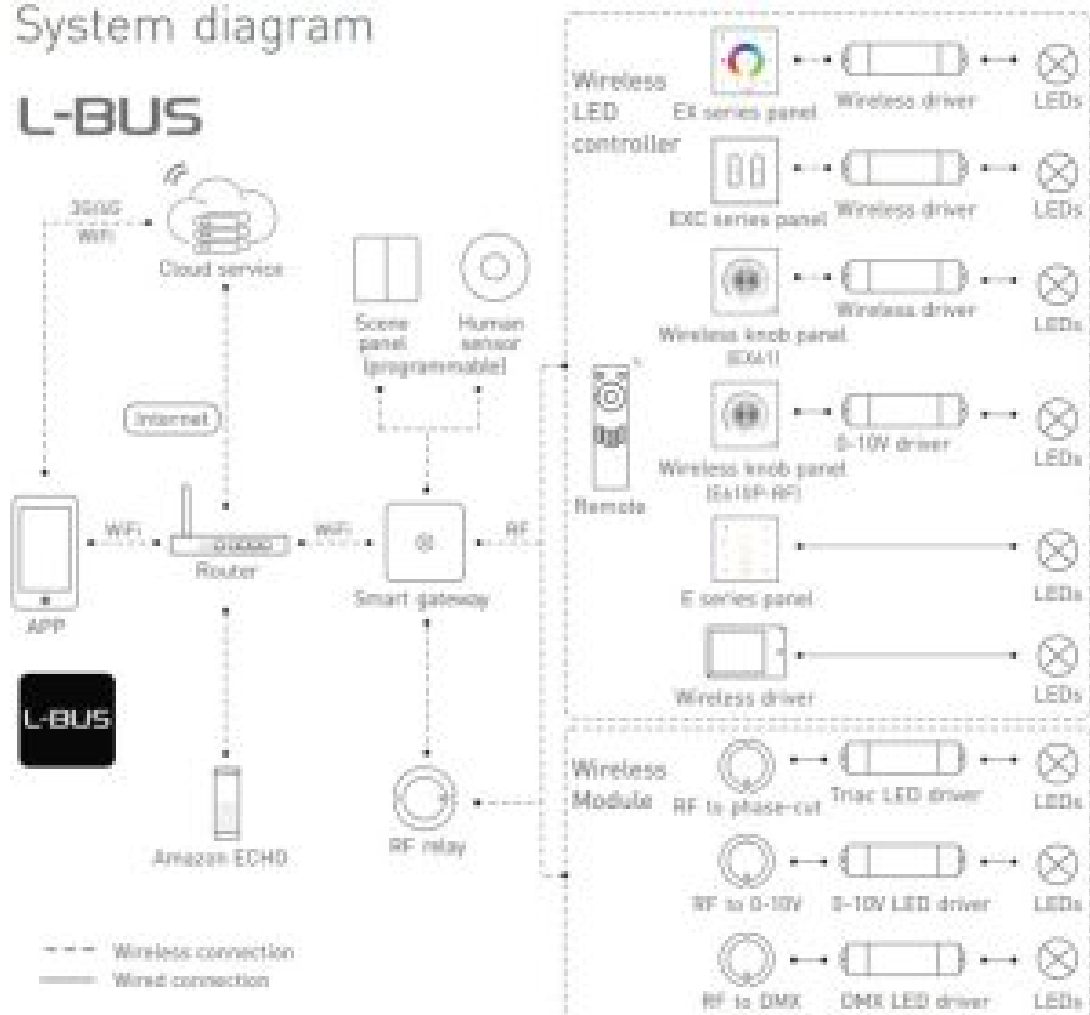
www.ltech-led.com

System diagram

EX series touch panel

System diagram

L-BUS



Product features



- Adopt wireless RF and wired DMX512 protocol 2 in 1 control mode, more flexible and convenient for project installation.
- Advanced RF wireless sync/zone control technology, make sure dynamic color modes synchronously among multiple drivers.
- Four zones can be combined arbitrarily, for example: zone 1 and zone 2 as a group, or zone 1, zone 3, zone 4 as a group, or all the 4 zones as a group.
- No limit the quantity of drivers in each zone, and all color modes keep synchronously.
- Support multiple panels linkage control, no quantity limitation.
- Touch keys with chord and LED indicator.
- Adopts capacitive touch control technology on full color wheel, make LED color selection more user-friendly.
- Compatible with remote and APP control with adding LTECH gateway.

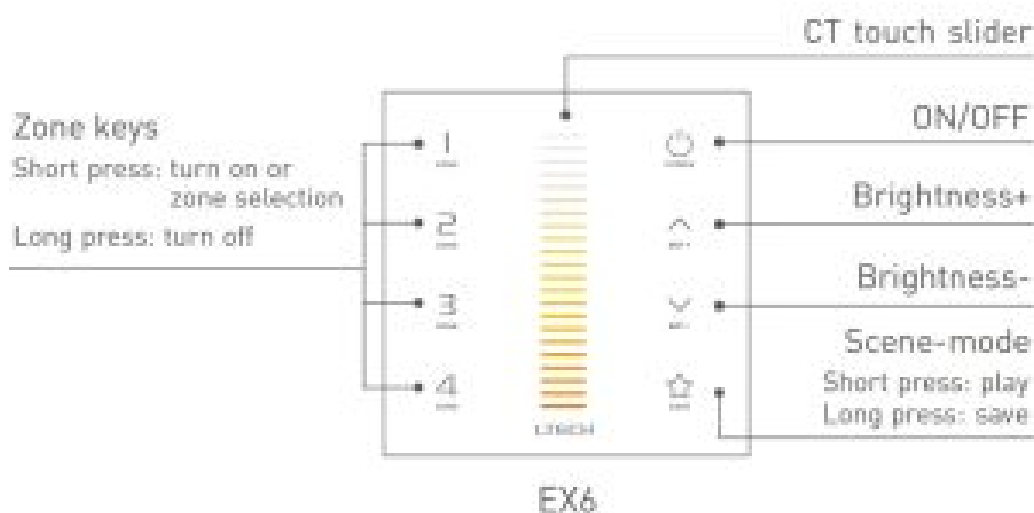
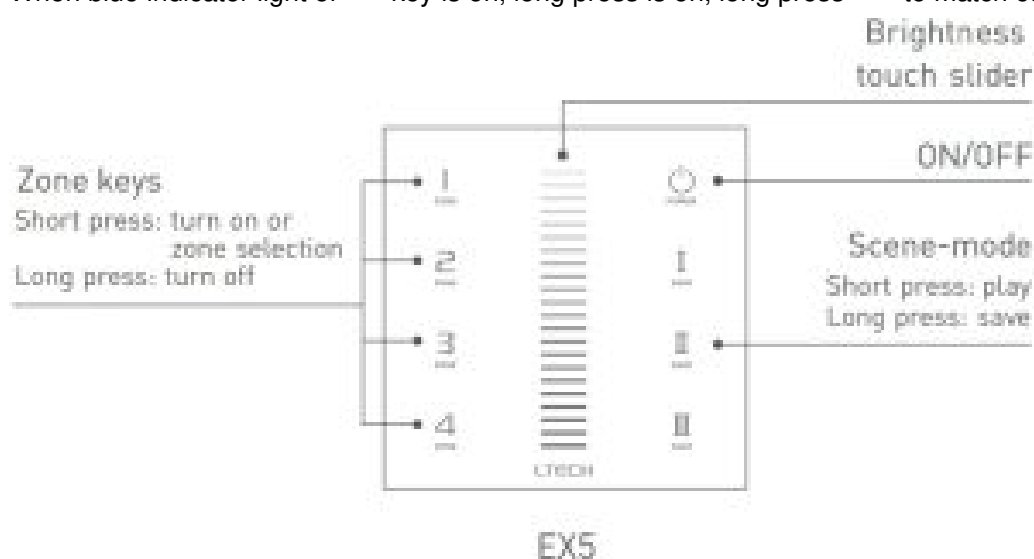
Technical specs

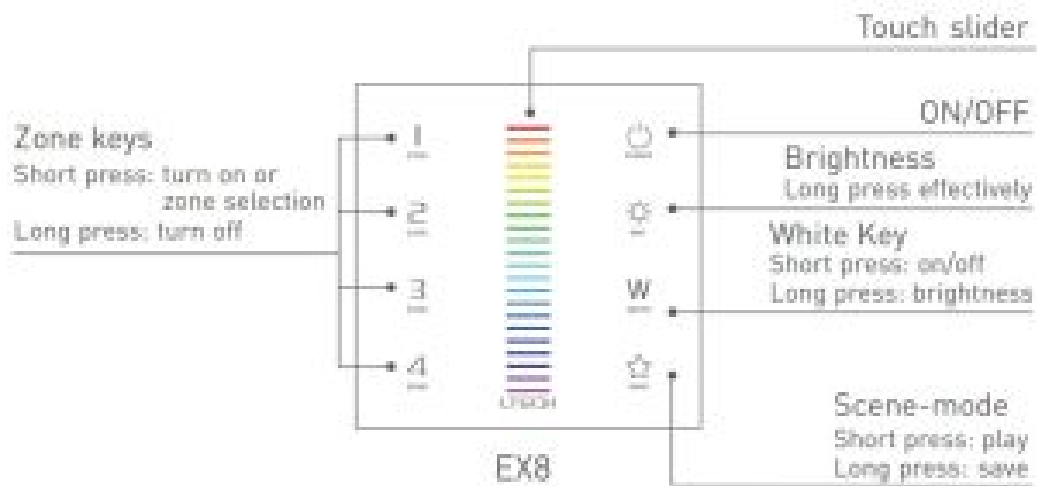
Model	EX5	EX6	EX8	I EX85
Control type	Dimming	CT	RGBW	
Input voltage	100-240Vac			
Output signal	DMX512			
Wireless type	RF 2.4GHz			
Zone	4 zones			
Working temp.	-20°C-55°C			
Dimensions	L86xW86xH36(mml			
Package size	L113xW112xHSO(mm)			
Weight[G.W.I	2259			



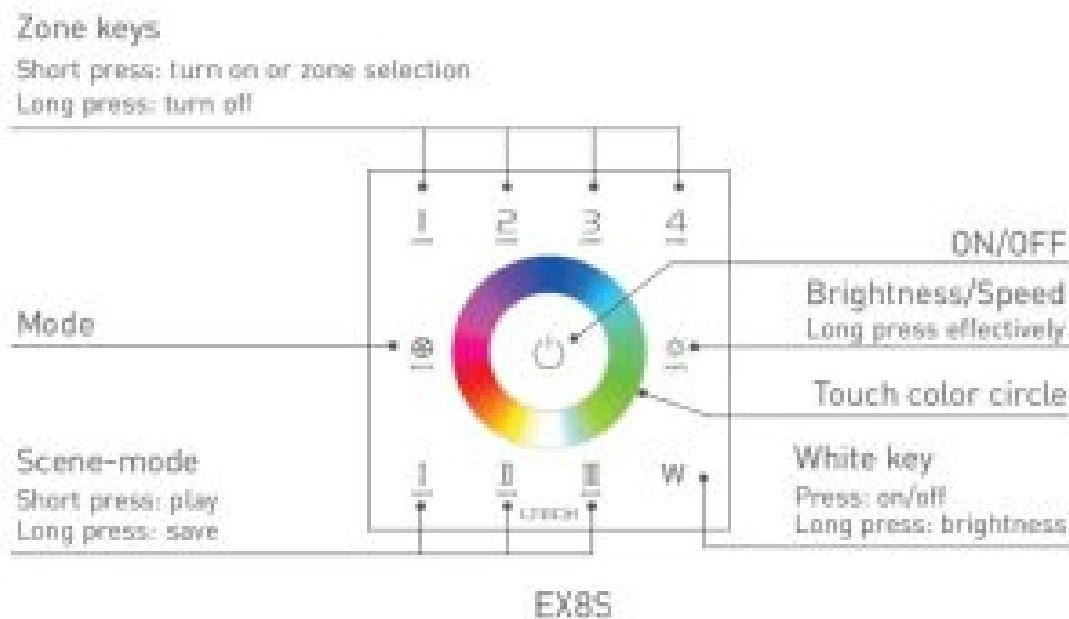
Key functions

- When blue indicator light of  key is on, long press is on, long press  to match code.





White light only: press “W” key to turn on white light under OFF status.

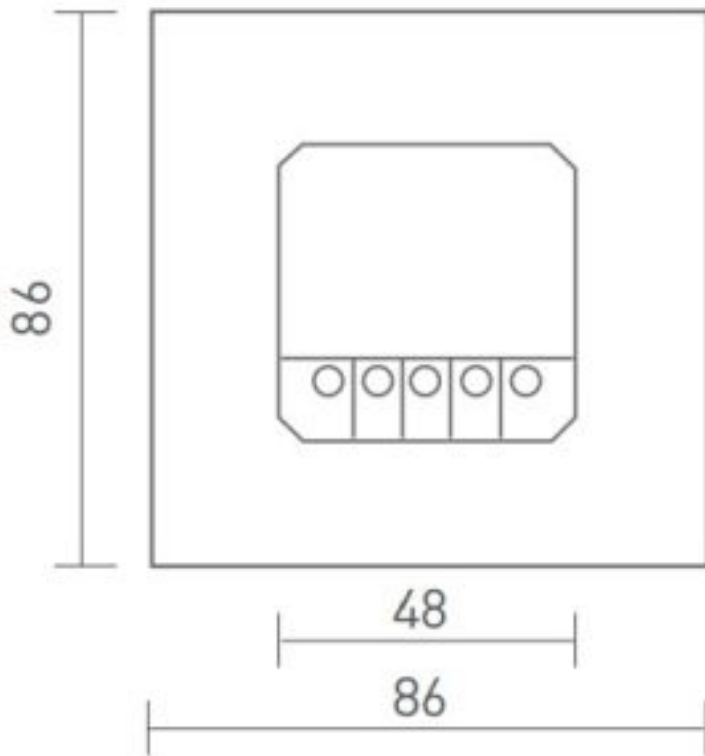


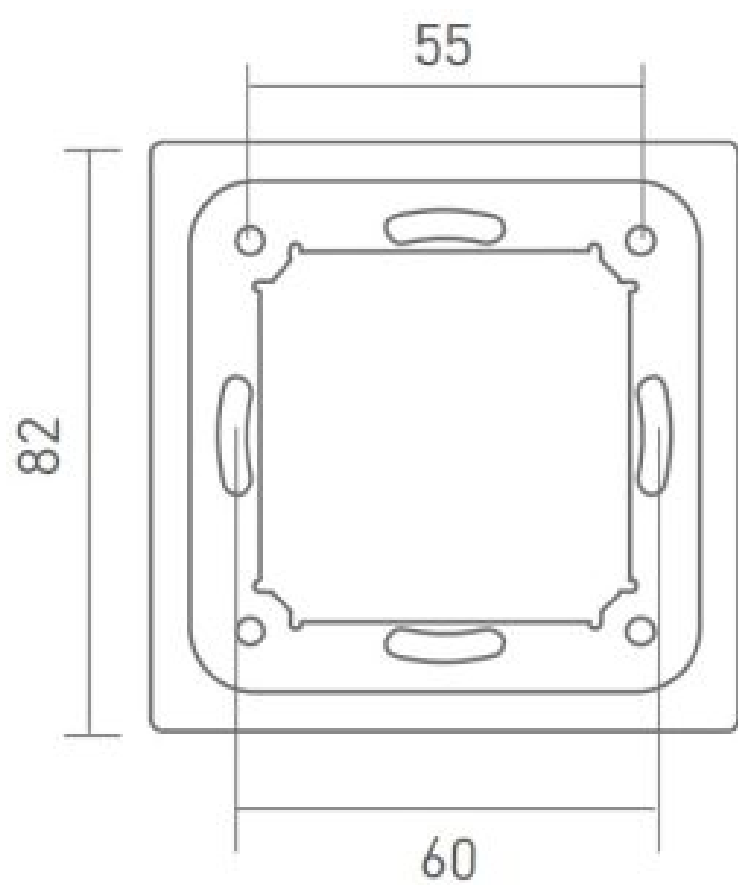
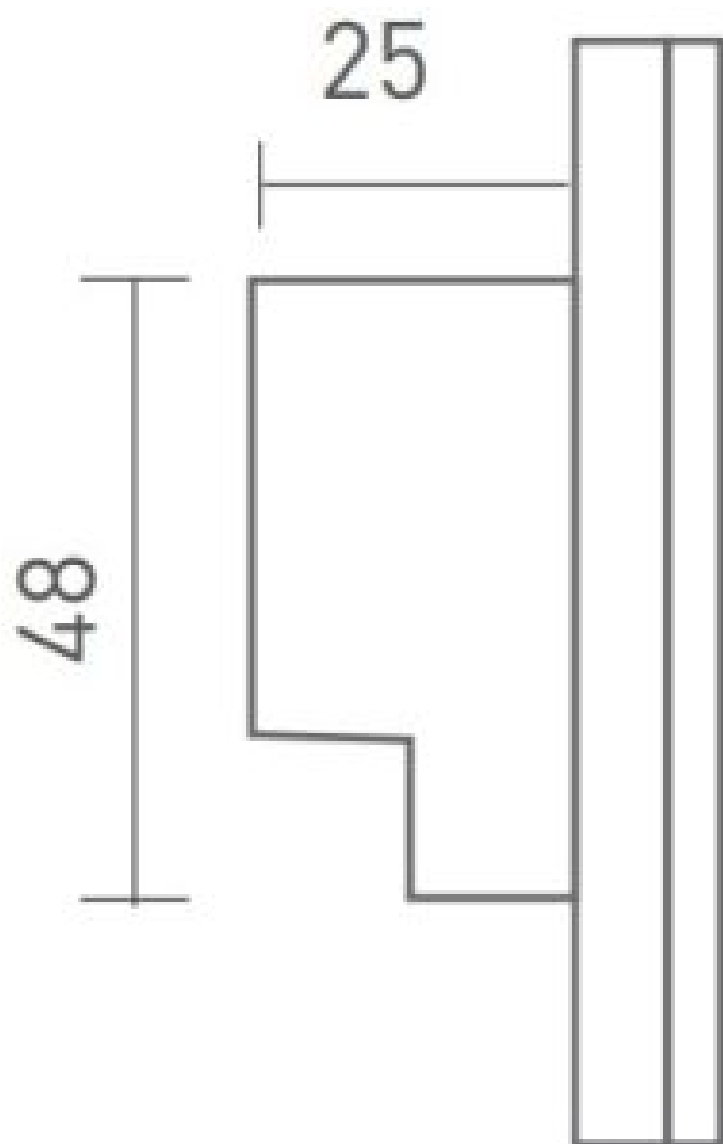
Mode

1. Static red
2. Static green
3. Static blue
4. Static yellow
5. Static purple
6. Static cyan
7. Static white
8. RGB jumping
9. Colors jumping
10. RGB color smooth
11. Full-color smooth
12. Static black
(only close RGB)

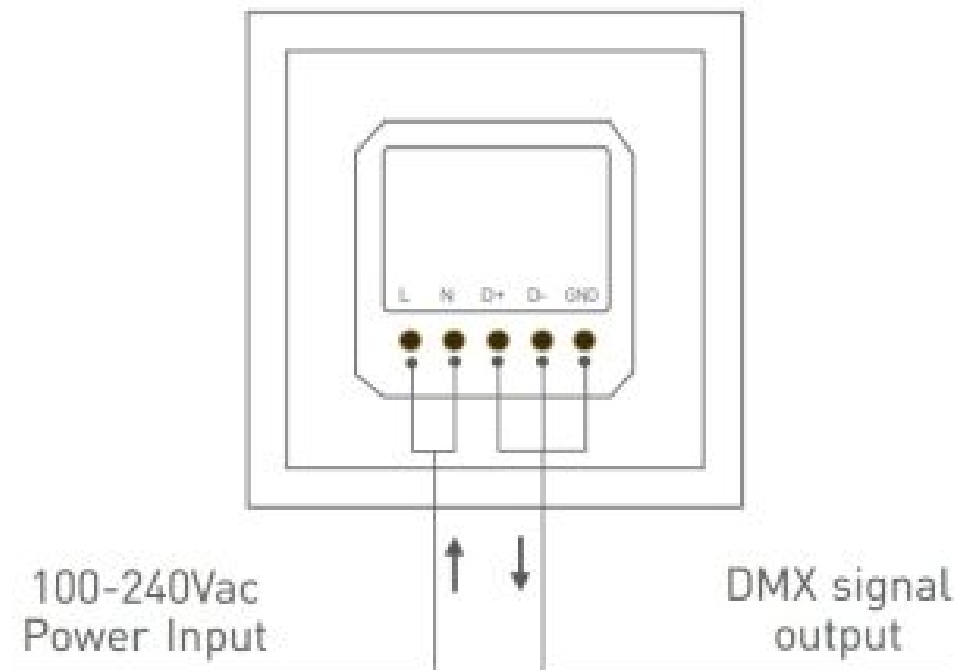
White light only: press key to choose black mode, then press key for white light.

Product size

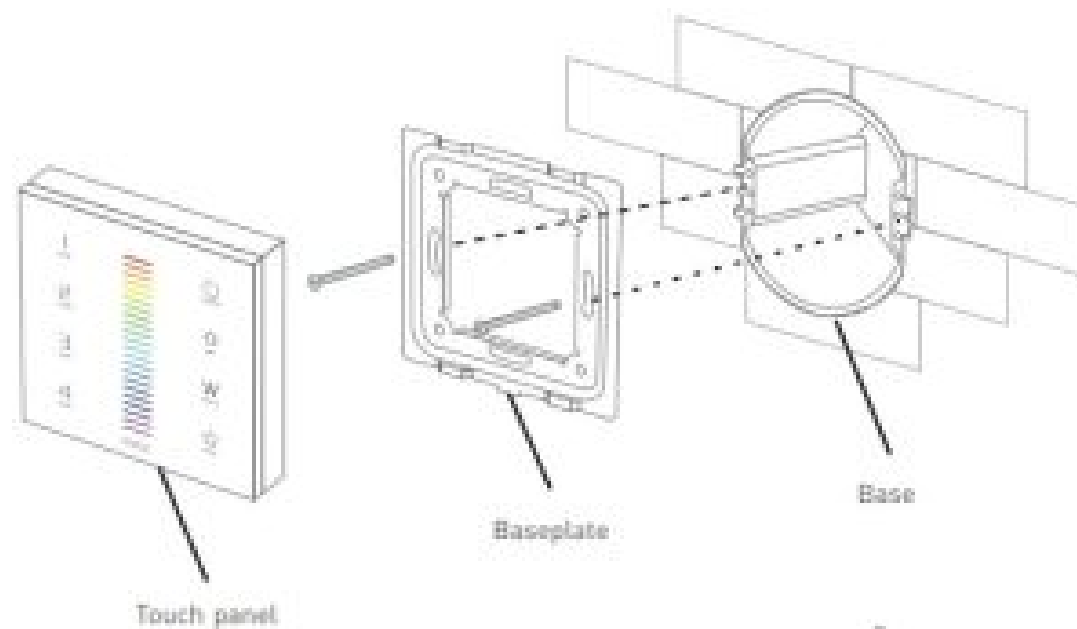




Terminals

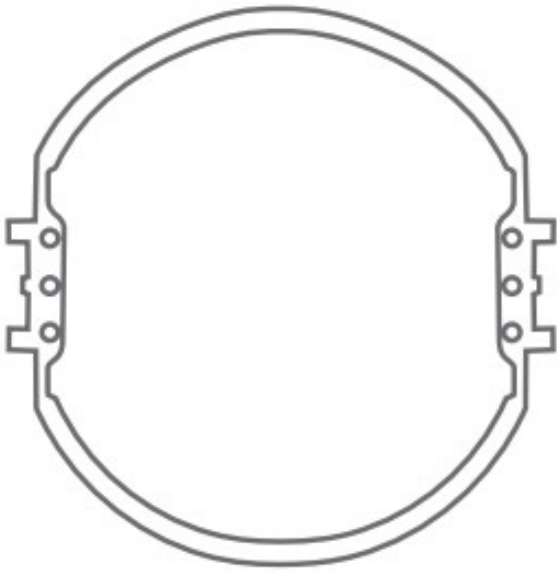


Installation instruction

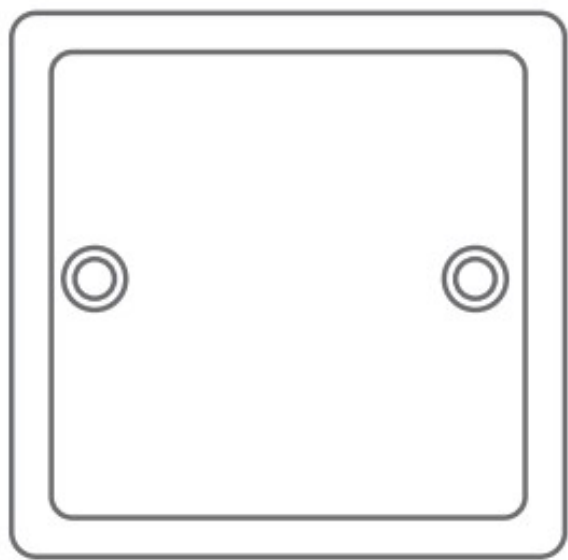


Typical base as below:

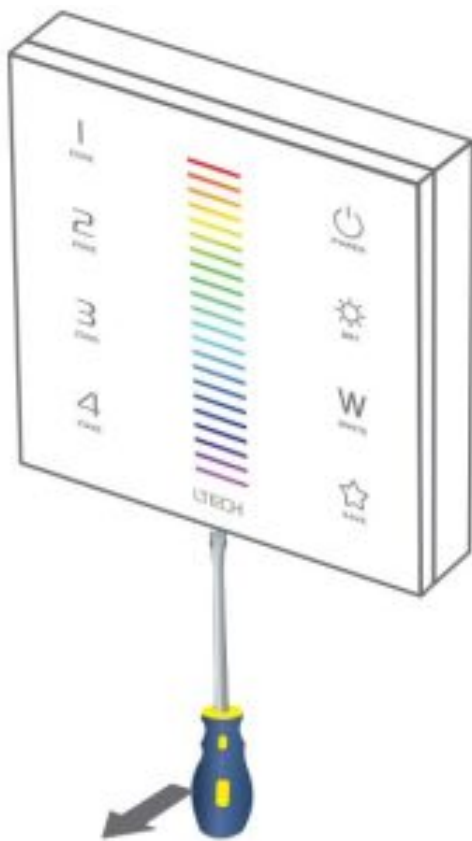
European style



86 size

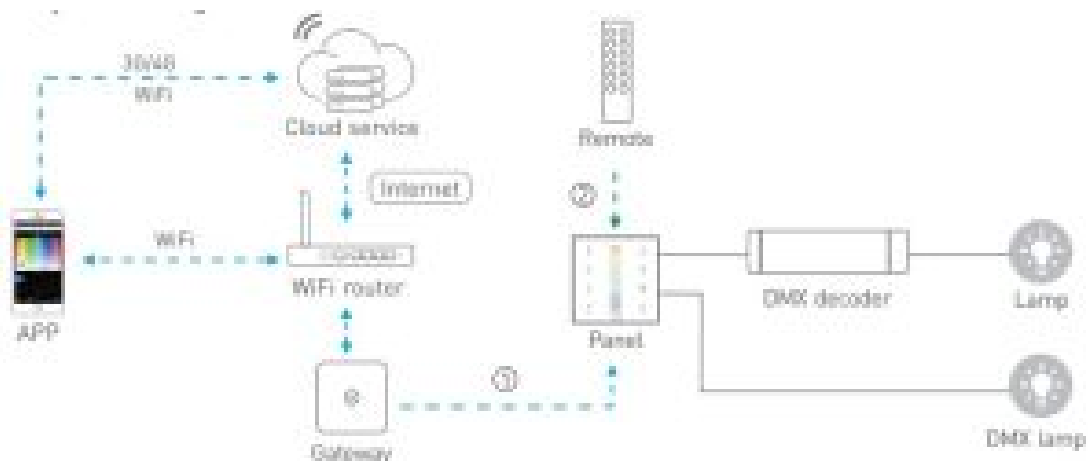


Uninstall



Match code sequence

DMX system wiring

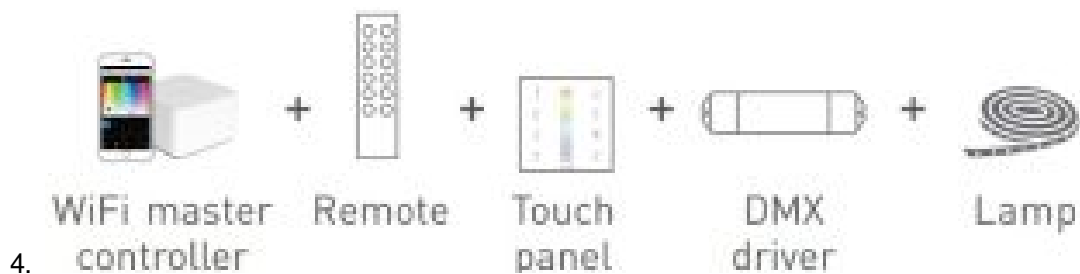


Match Code Sequence

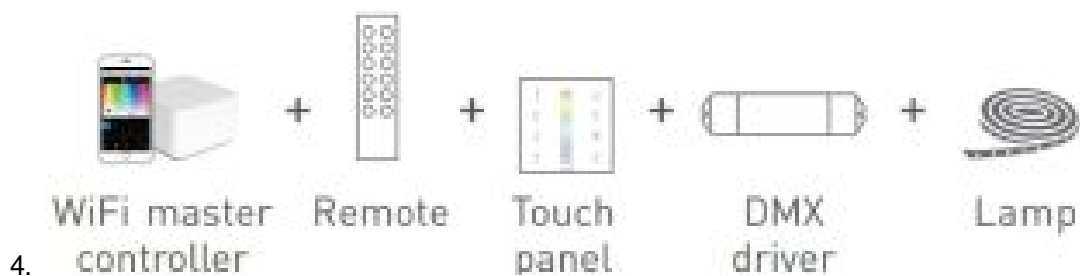
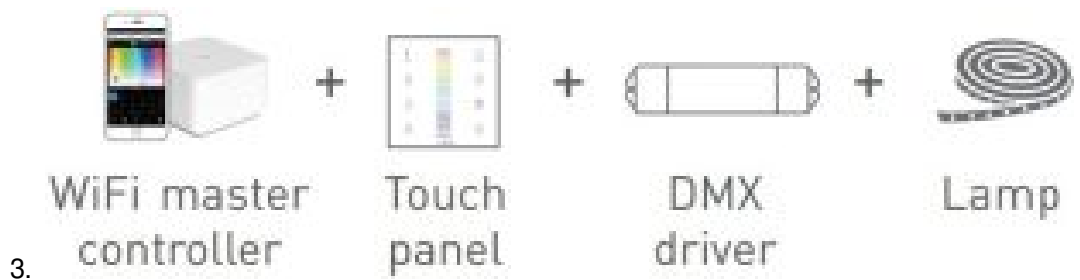
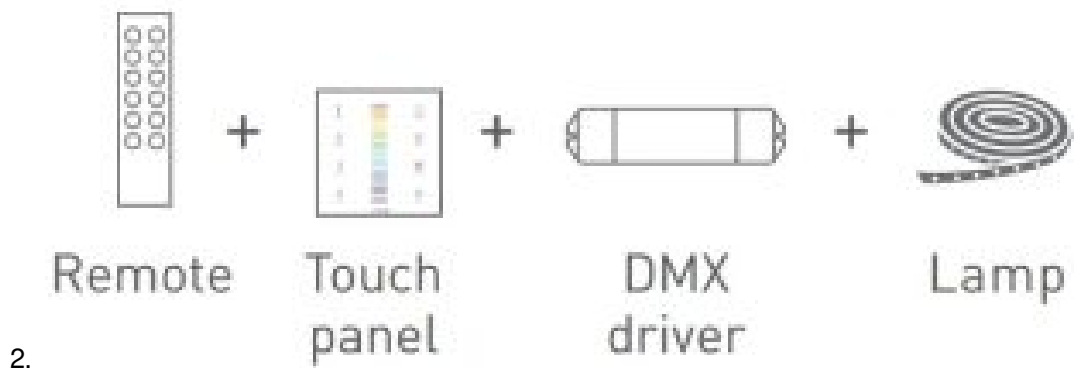
1. Configure with enables the smart phone to control DMX devices via .
2. Configure remote with panel, which enables remote to control DMX devices. gateway panel, which gateway

Wireless system wiring

- ### Match Code Sequence

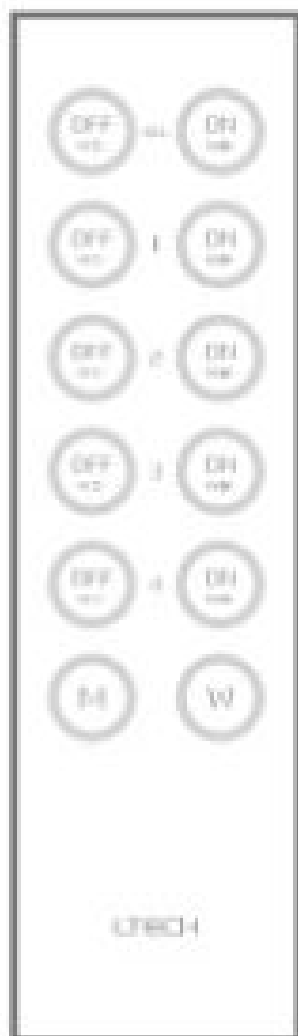


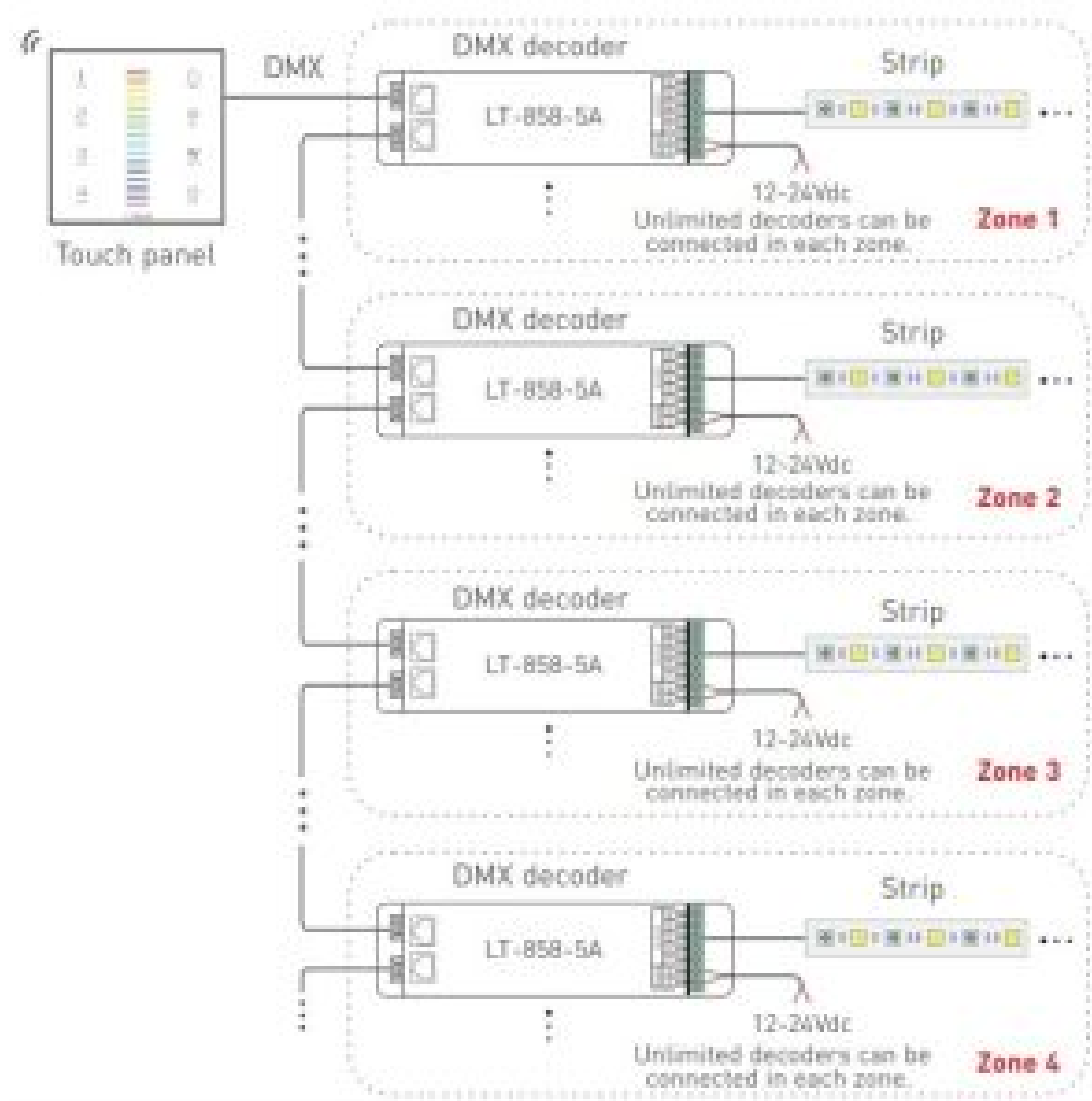
Wireless control



DMX wiring

Remote





DMX address setting:

Type	Zone 1	Zone 2	Zone 3	Zone 4
Dimming	1	2	3	4
CT	1	3	5	7
RGBW	1	5	9	13

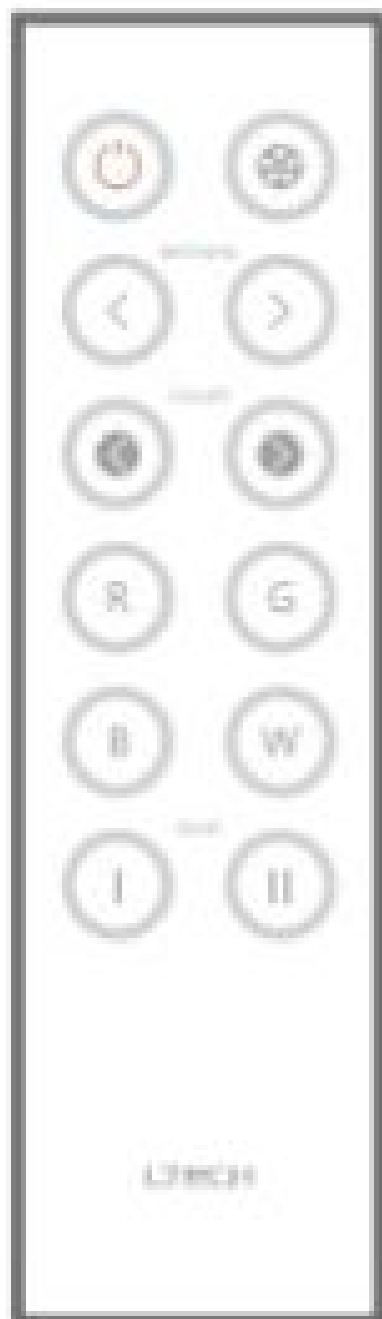
Multiple decoders can be installed in each zone. Added amplifiers when 4-zone total decoder quantity exceeds 32pcs.

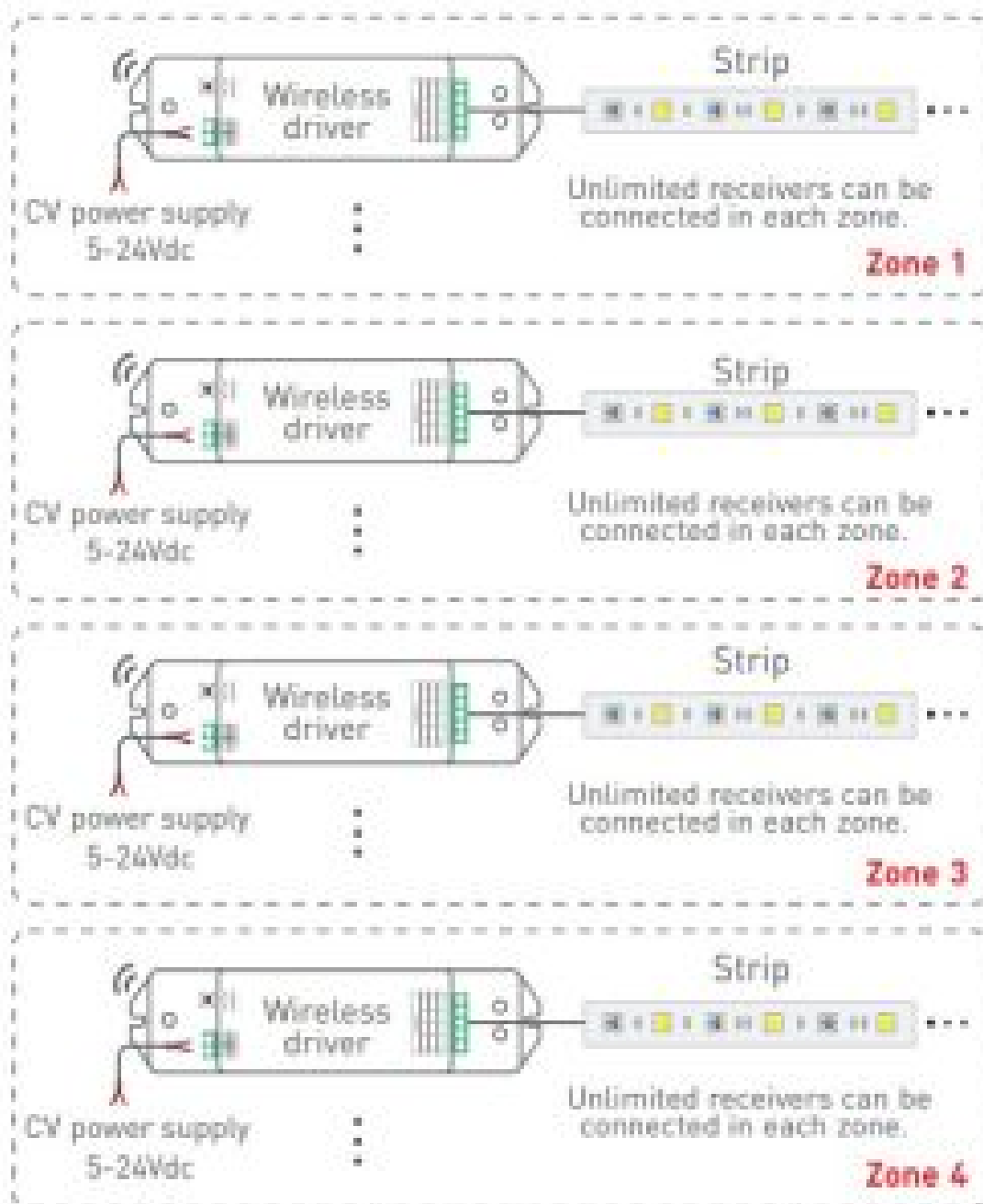
RF wireless wiring

Touch Panel



Remote

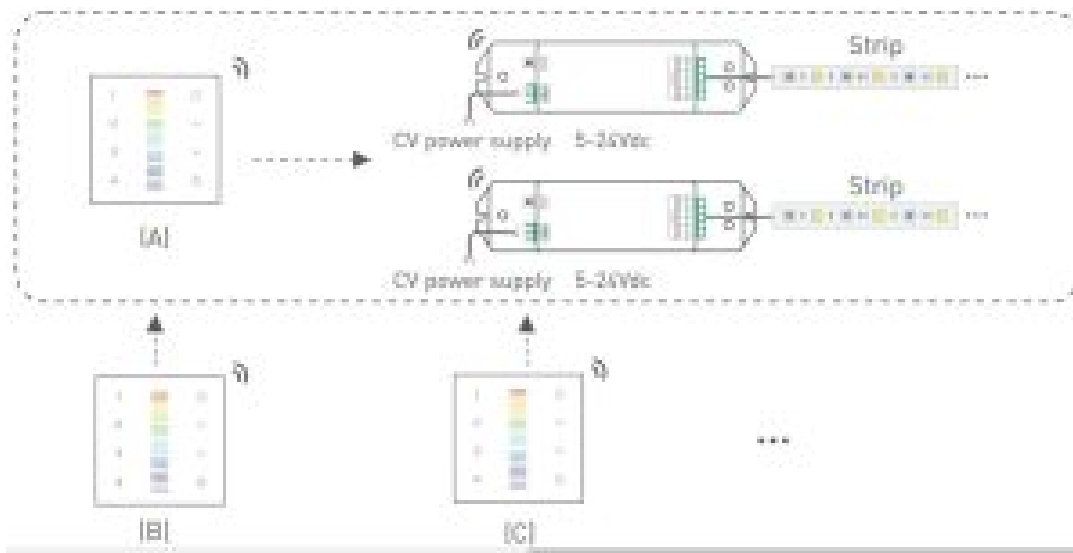




Multiple wireless receivers (F4-3A/ F4-5A/F4-DMX-5A/F5-DMX-4A) can be matched with EX series touch panel within effective distance.

To avoid the signal interference, the installation needs to keep away from the large area metal material or the metal material space.

Multi-panel control wiring



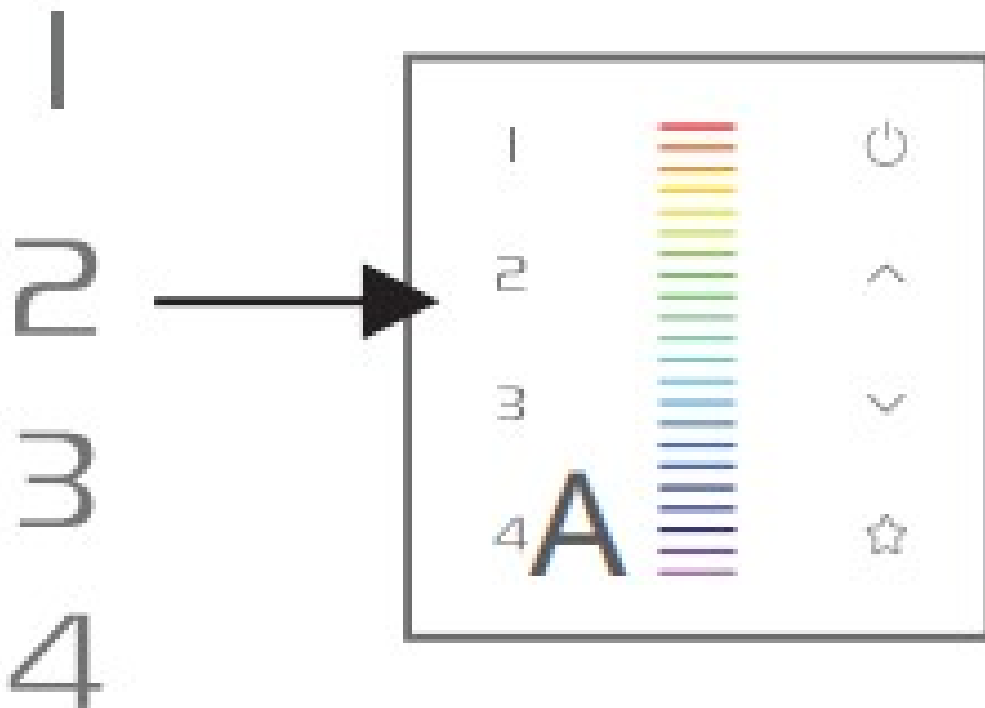
- After touch panel A realizes controlling the lamps, if B and C are matched with A, they can also control the lamps.
- Linkage control is also available at connecting with DMX decoders.

Match code between touch panels

1. Assuming that B matches with A, long press on B until indicator lights in all zones flicker.



2. Touch the matching zone key on A within 15s, when indicator lights of B stop flicking, match successfully.



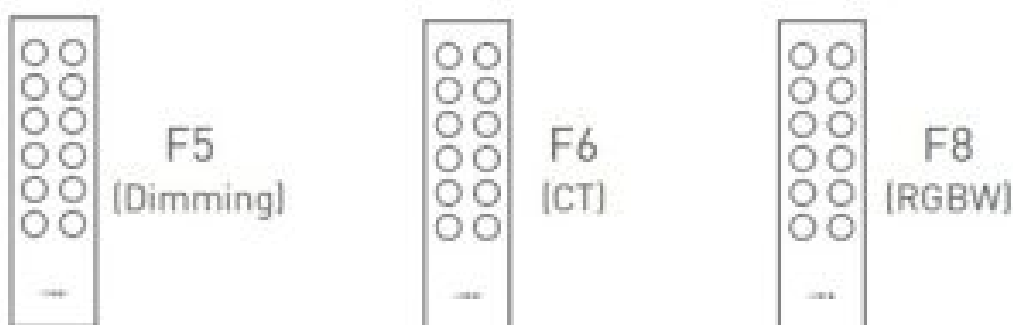
Match code between touch panel & remote

1. Long press on touch panel until all zones' indicator lights flicker



2. Match with F series remote:

Long press On/Off key on F series remote, the indicator light of touch panel stop flicking, match successfully.



EX5 works with remote F5.

EX6 works with remote F6.

EX8/EX8S works with remote F8.

Match with Q series remote:

Long press the matching zone's "On" key on remote, the indicator light of touch panel stop flicking, match successfully.



EX5 works with remote Q1.

EX6 works with remote Q2.

EX8/EX8S works with remote Q4.

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

Match code between touch panel & wireless driver

Touch panels can work with wireless driver F4-3A/F4-5A/F4-DMX-5A/F5 DMX-4A.

Method 1

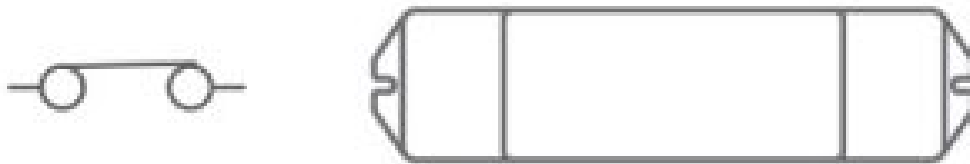
1. Power off the driver Wireless driver



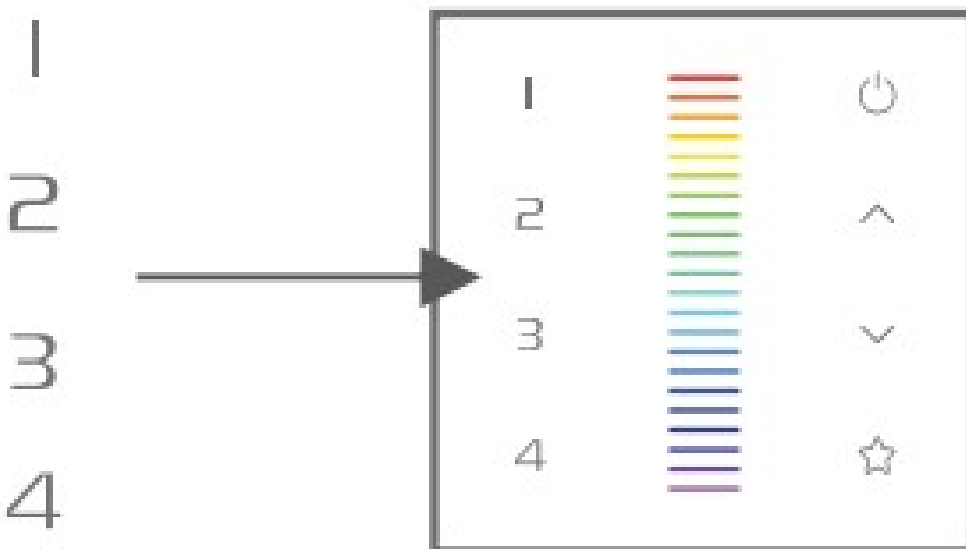
2. Long press On/Off key of the panel until all zone's indicator lights flicking.



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



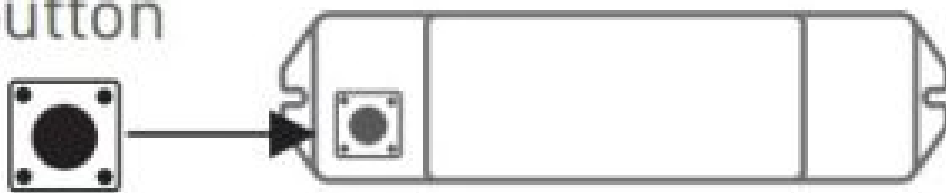
4. Short press the matching zone key on the panel, match successful



Method 2

1. Short press "ID learning button" on wireless driver, the lamps flicker, please complete next steps within 15s.

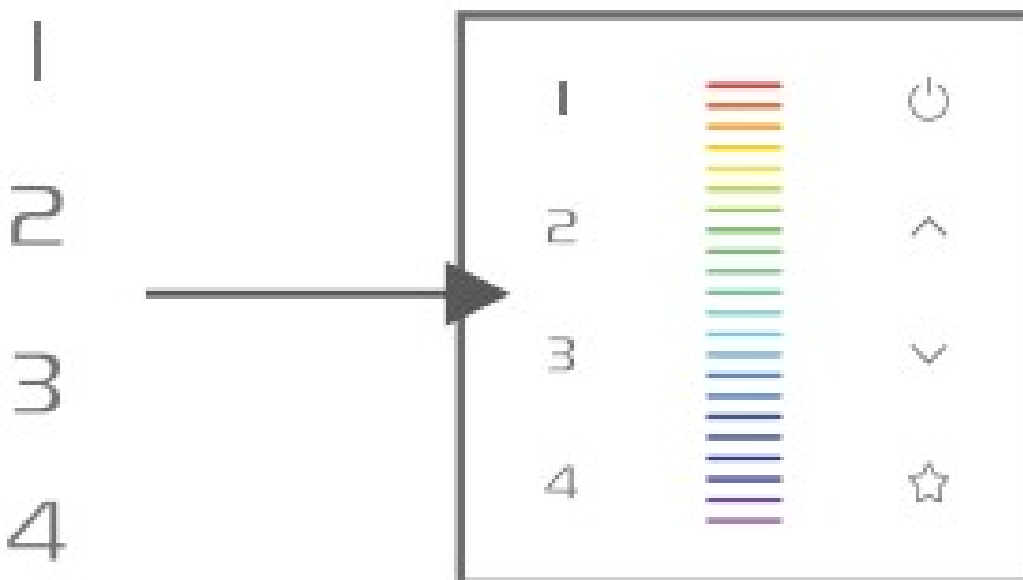
button



2. Long press On/Off key of the panel until all zone's indicator lights flicking.

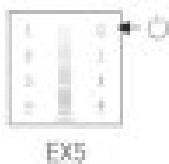


3. Short press the matching zone key on the panel, match successful.
Please match/clear code when indicator light of panel is white.



Match code between touch panel & gateway

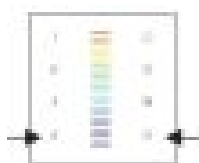
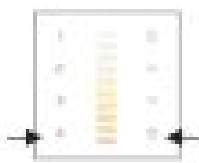
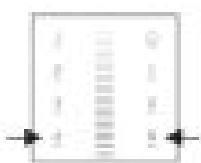
1. . Long press on touch panel until all zones' indicator lights flicking.



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 6s, the indicator lights flicker several times, clear code successfully.

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

Warranty agreement

1. We provide lifelong technical assistance with this product:

- A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
- For faults beyond the 5-year warranty, we reserve the right to charge for time and parts.

2. Warranty exclusions below:

- Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
- The product appears to have excessive physical damage.
- Damage due to natural disasters and force majeure.
- Warranty label, fragile label and unique barcode label have been damaged.
- The product has been replaced by a brand new product.

3. Repair or replacement as provided under this warranty is the exclusive remedy to the customer. LTECH shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.
4. Any amendment or adjustment to this warranty must be approved in writing by LTECH only.

No further notice if any changes in the manual.

Product function depends on the goods.

Please feel free to contact our official distributor if any question.

Documents / Resources

	LTECH EX6 LED Touch Panel [pdf] User Manual EX5, EX6, EX8, EX8S, LED Touch Panel
---	---

References

- [LED Controller](#) | [LED Dimmable Driver](#) | [LED Intelligent Lighting](#) | [Intelligent Home -LTECH](#)