

LTECH

EX61 Knob Panel



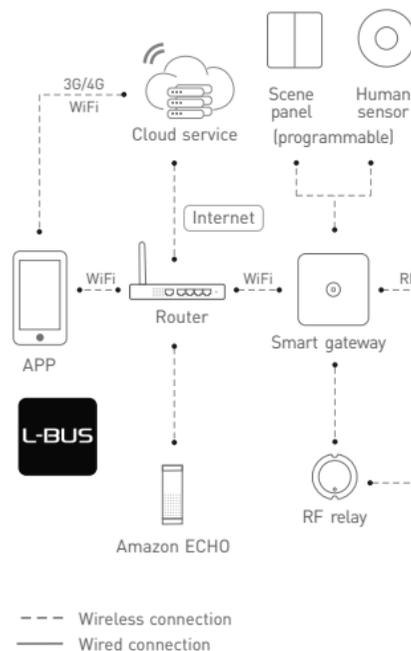
Manual

www.ltech-led.com

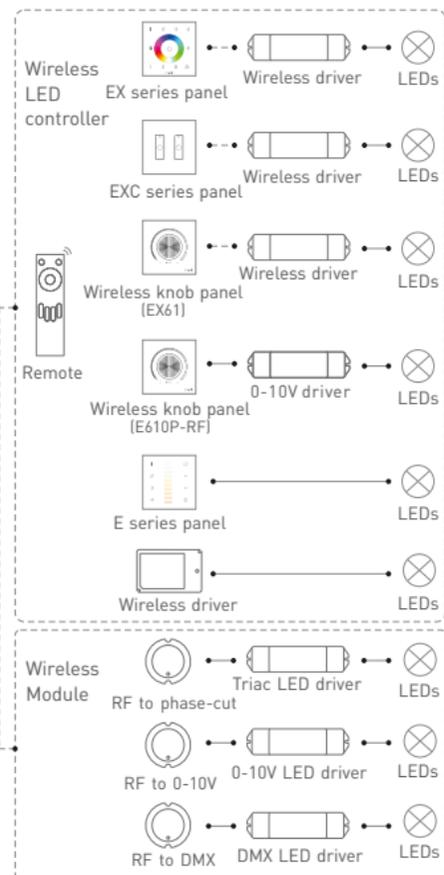
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System diagram

L-BUS



EX61 Knob Panel



Product features

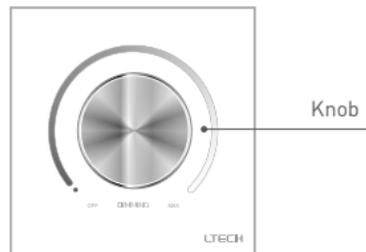
- Adopt wireless RF and wired DMX512 protocol 2 in 1 control mode, more flexible and convenient for project installation.
- Within effective range, any quantity of receivers can be connected and maintain synchronous effect.
- With the function of dimming and switching.
- The panel can be controlled by remote, or by mobile phone if add a gateway.

Technical specs

Model:	EX61	Working temp.:	-10°C~55°C
Name:	Dimming knob panel	Dimensions:	L86×W86×H50(mm)
Input voltage:	100~240Vac	Package size:	L106×W106×H60(mm)
Output signal:	RF 2.4GHz, DMX512	Weight(G.W.):	235g

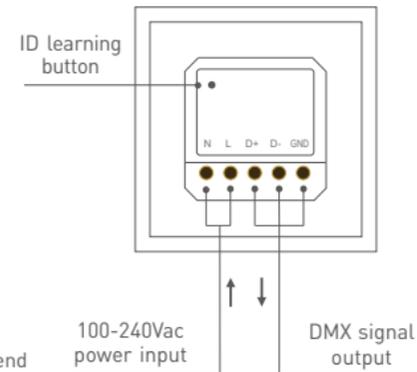


Key functions

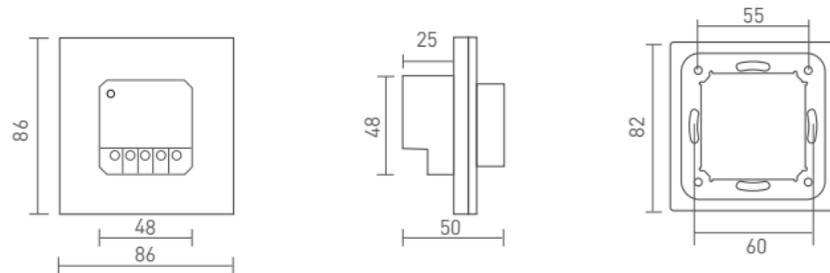


- * Clockwise, the brightness increases.
 - * Counterclockwise, the brightness decreases.
- Turn off the panel if you spin to the leftmost end (a click can be heard).

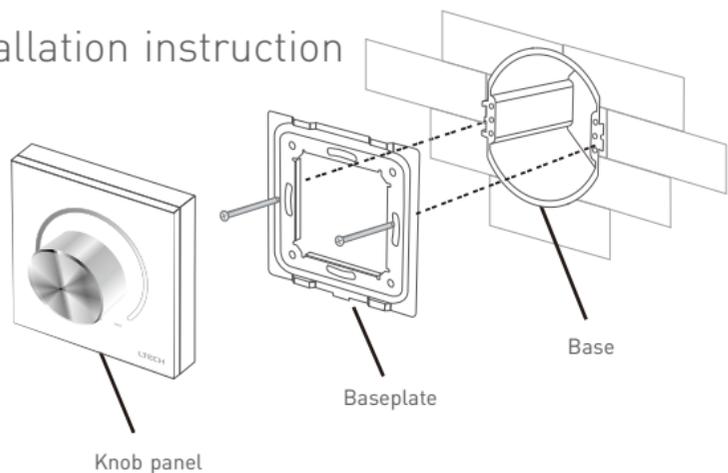
Terminals



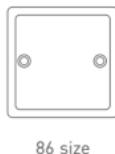
Product size Unit: mm



Installation instruction



Typical base as below:



Application composition

DMX512 signal output:

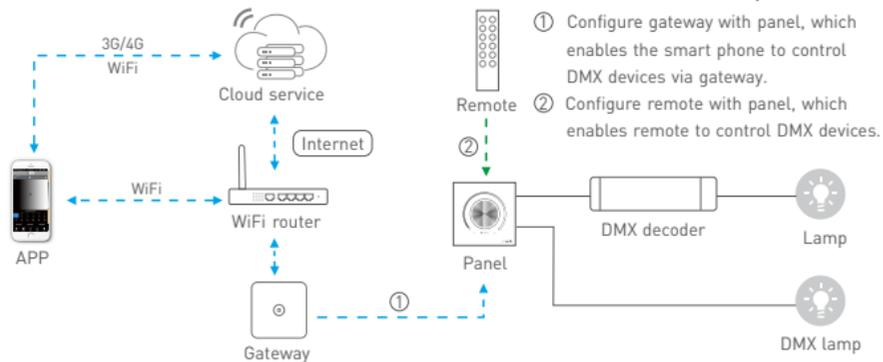
1. Panel + DMX driver + Lamps
2. Remote + Panel + DMX driver + Lamps
3. WiFi master controller + Panel + DMX driver + Lamps
4. WiFi master controller + Remote + Panel + DMX driver + Lamps

Wireless control:

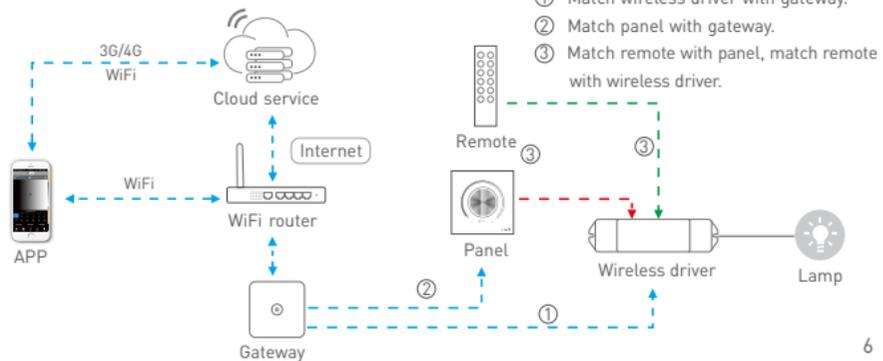
1. Panel + Wireless driver + Lamps
2. Remote + Panel + Wireless driver + Lamps
3. WiFi master controller + Panel + Wireless driver + Lamps
4. WiFi master controller + Remote + Panel + Wireless driver + Lamps

Match code sequence

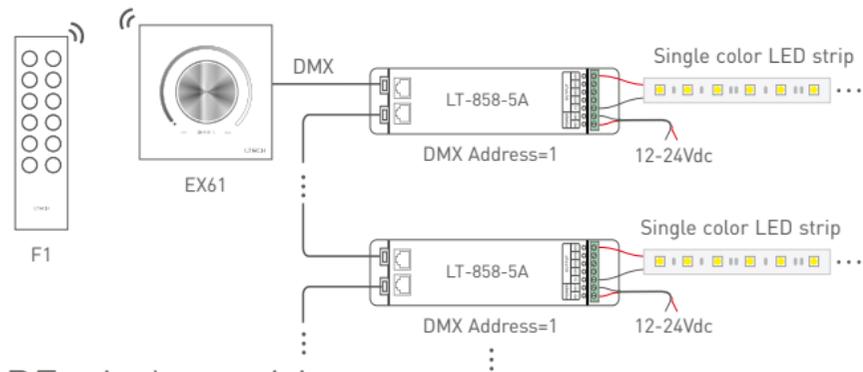
DMX system wiring



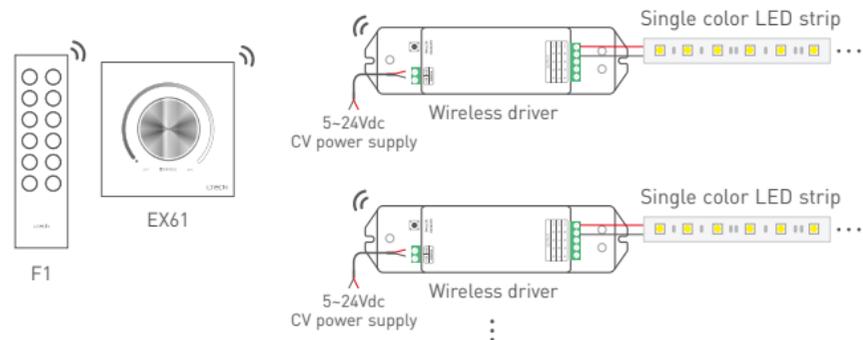
Wireless system wiring



DMX wiring



RF wireless wiring



Multiple receivers can be matched with EX61 within effective distance.

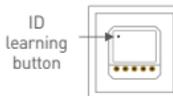
Match code between touch panel & driver

Method 1:

1. The driver power off.



2. Short press "ID learning button" on EX61, the lamps flicker.



3. The driver power on, the lamps flicker slowly, please complete step 4 in 15s.



4. Spin the knob on EX61, the lamps flicker quickly then back to normal, the buzzer long beep, match successfully.

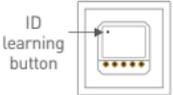


Method 2:

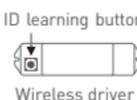
1. The driver power on.



2. Short press "ID learning button" on EX61, the lamps flicker.



3. Short press "ID learning button" on driver, the lamps flicker, please complete step 4 in 15s.

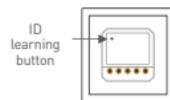


4. Spin the knob on EX61, the lamps flicker quickly then back to normal, the buzzer long beep, match successfully.



Match code between panel & remote

1. Short press "ID learning button" on EX61, the lamps flicker.



2. Hold down On/Off key on F1, or hold down the matching zone's On & Off key on F5 simultaneously, if the lamp flicker quickly then back to normal, match successfully.



- * Exit match status automatically if over 10 seconds.
- * One knob panel can be matched with max 10 remotes.
- * If knob panel and receiver need to be controlled by remote simultaneously, then match the remote with panel and receiver respectively.

Match code between panel & gateway

1. Turn on APP, enter "zone set" interface.

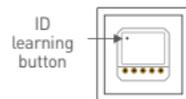


2. Click the right top "MATCH" key, then follow the prompts.



Clear code

Long press "ID learning button" on EX61 for 10s until the lamps flicker 5 times, clear code successfully.



- * 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.