LED Touch Controller DMX/RF RGBW - EX4S

General	
Product Type	Controller
Length (mm)	86
Width (mm)	86
Height (mm)	36
Housing Color	White
Housing Material	PC
Mounting	Built-in
Weight (g)	225
Electronics	
Input Domain	AC
Input Voltage	100 ~ 240V AC
Power Supply	Internal
LED Outputs	4
Lighting	
Color Range	RGBW
Control	
Output Signal	DMX, RF
Control	DMX, Radio Frequency
Zones	1
Functions	programmable
Environmental	
Operating Temperature	-20 ~ +55 °C
Ingress Protection	IP20

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Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice. 181

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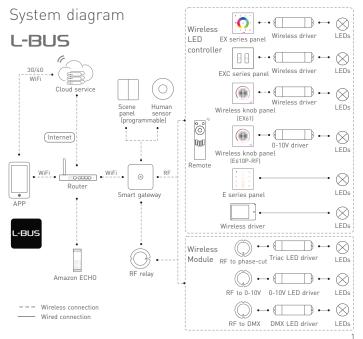


EX Series Touch Panel



LTECH

EX series touch panel



Manual www.ltech-led.com

EX series touch panel

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.
- Install touch panel at different areas, can control the same LED light, achieve multi-panel control, no quantity limited.
- Touch keys with chord and LED indicator.
- · Adopts capacitive touch control technology makes LED dimming selection more user-friendly.
- Compatible with remote and APP control with adding LTECH gateway.

Technical specs

Model	EX1S	EX2	EX4S	
Control type	Dimming	CT	RGBW	
Input voltage	100-240Vac			
Output signal	DMX512			
Wireless type	RF 2.4GHz			
Working temp.	-20°C~55°C			
Dimensions	L86×W86×H36(mm)			
Package size	L113×W112×H50(mm)			
Weight(G.W.)	225g			

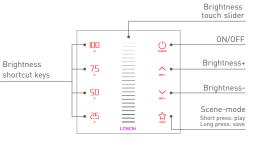


RCM certification No.: RCMP17114 001

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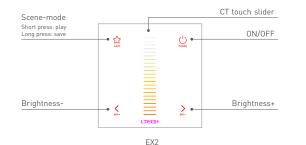
Key functions

- * 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.
- \ast EX panel's scene-mode keys are corresponding with gateway APP's scenes, the scenes can be changed by APP or panel.



EX1S

EX series touch panel



Scene-mode 1. Static red Brightness/Speed Short press: play Long press: save 2. Static green Long press effectively •<u>c</u> Ø ON/OFF Touch color circle 7 Static white White key Short press: on/off Mode Long press: brightness • 🛞 W 12. Static blue LTECH EX4S

Mode

- 3. Static blue 4. Static yellow 5. Static purple
- 6. Static cyan
- 8. RGB jumping
- 9. 7 colors jumping
- 10. RGB color smooth 11 Full-color smooth

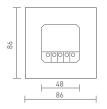
(only close RGB)

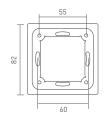
* White light only: press 🔗 key to choose black mode, then press W key.

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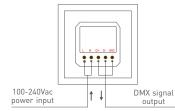
Product size

Unit: mm

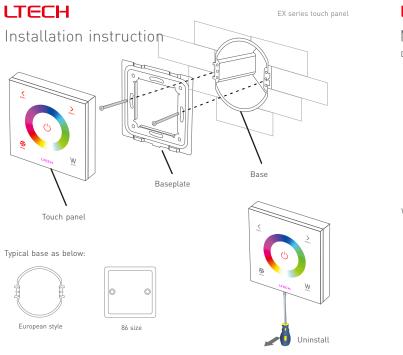


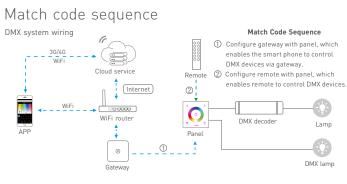




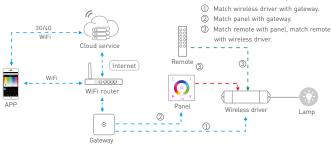


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Wireless system wiring



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Match Code Sequence

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0.

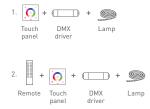
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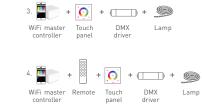
CHAR

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Application composition

DMX512 control

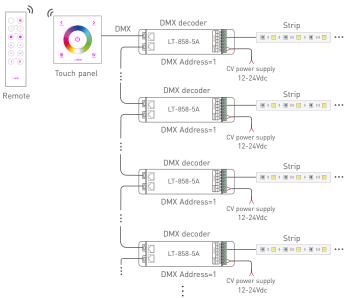




Wireless control

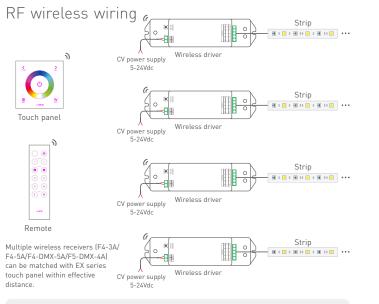


DMX wiring



Lamp

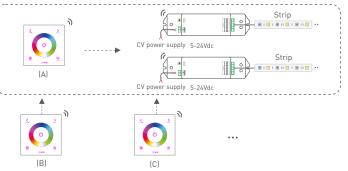
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To avoid the signal interference, the installation needs to keep aways from the large area metal material or the metal material space.

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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.
- st Linkage control is also available at connecting with DMX decoders.

Match code between touch panels

1. Assuming that B matches with A, long press (b) on B until all indicator lights flicker.

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



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Match code between touch panel & remote

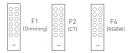
1. Long press () on touch panel until all indicator lights flicker.



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.

EX1S works with remote E1. EX2 works with remote E2. EX4S works with remote E4





Match with Q series remote:

EX1S works with remote Q1.

EX2 works with remote Q2.

FX4 works with remote Q4

Long press the matching zone's "On" key

on Q series remote, the indicator light of

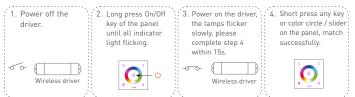
touch panel stop flicking, match successfully.

* Please match/clear code when (1) indicator light of panel is white.

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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:



Method 2.



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

EX series touch panel

Match code between touch panel & gateway



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.

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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.