



General

Product Type	Wireless
Length (mm)	175
Width (mm)	44
Height (mm)	30
Housing Color	White
Housing Material	Plastic
Mounting	Surface mounted
Weight (g)	130

Electronics

Input Domain	DC
Input Voltage	5 ~ 24V DC
Output Voltage	5 ~ 24 V DC
Output Current (mA) max/output	4000
Output Current Max. (A)	20
Output Power (W)	480W @ 24V, 240W @ 12V, 100W @ 5V,
Power Supply	N/A
LED Outputs	5

Lighting

Color Range	RGBWY
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Control

Output Signal	PWM-CV
Control	DMX, Radio Frequency
RDM Support	Yes
Number of Channels	5

Environmental

Operating Temperature	-30 ~ +55 °C
Ingress Protection	IP20

CE IP20 5 year warranty

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.



CV LED Wireless + DMX Driver

- Support RF 2.4GHz wireless signal and DMX wired connection.
- Can connect dimming, color temperature, RGB, RGBW, RGBWY lamps.
- Compatible with F series remote, RC4-RF-B remote and Q series remote.
- Compatible with EX series touch panel.
- Compatible with WiFi-106 or intelligent gateway.

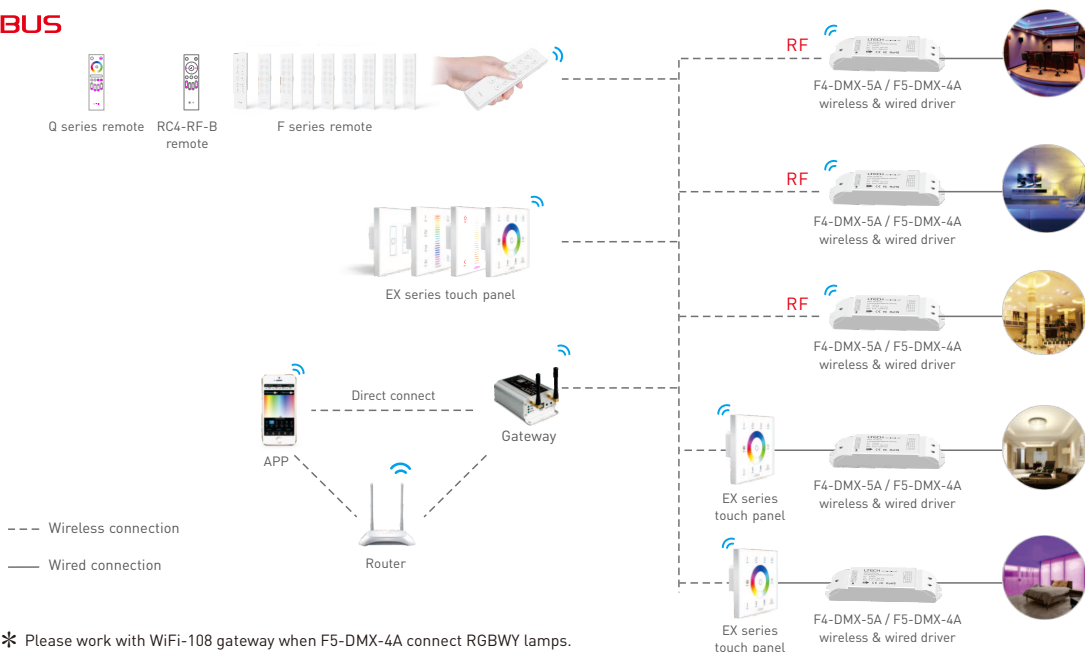
FC CE RoHS

warranty
5 years



System Diagram

L-BUS



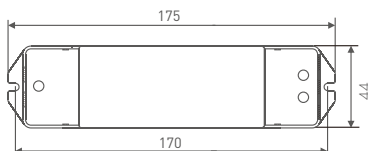
* Please work with WiFi-108 gateway when F5-DMX-4A connect RGBWY lamps.

Specification

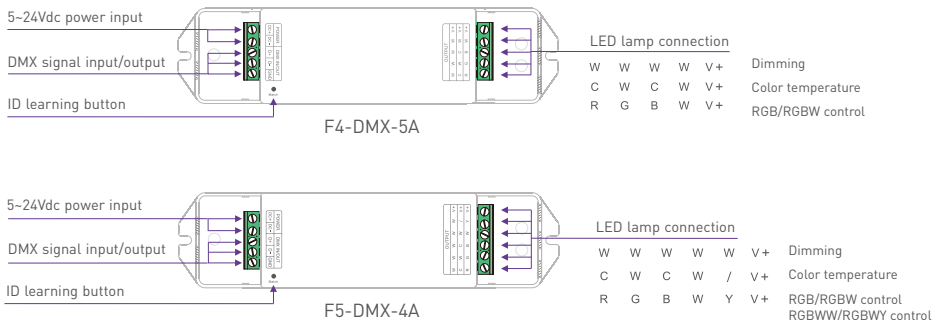
Model	F4-DMX-5A	F5-DMX-4A
Dimming interface	DMX/RDM	
Wireless signal	RF 2.4GHz	
Input voltage	5~24Vdc	
Output voltage	5~24Vdc	
Current load	5A×4CH Max. 20A	4A×5CH/5A×4CH Max. 20A
Output power	[0~25W...120W]×4CH Max. 480W	[0~20W...96W]×5CH Max. 480W
Protection	Short circuit / Reverse connection protection	Short circuit / over-heat / Reverse connection protection
Working temperature	-30°C~55°C	
Product size	L175×W44×H30[mm]	
Package size	L178×W48×H33[mm]	
Weight[G.W.]	130g	

Product Size

Unit: mm



Terminal Description



Match Code

Match Code (ID learning button method):

Step 1:

Short press "ID learning button" on driver, the lamps flicker, please complete step 2 within 15 seconds.



Match Code (power on method):

Step 1:

The driver power off.



Step 2:

Match up with F series remote:

Single zone remote: Long press On/Off key.

Multi-zone remote: Long press the matching zone ON & OFF keys simultaneously.



Match up with Q series or RC4-RF-B remote:

Long press the matching zone's ON key.



Match up with EX series panel:

Single zone panel: Long press On/Off key, then press any key.

Multi-zone panel: Long press On/Off key, then press the matching zone key.

* Please do it when panel is power-on.



Match up with 106 gateway:

Turn on APP, click "ZONE" key to enter "zone set" interface, click the right top "MATCH" key, then operate following the prompts.



Step 2:

Match up with F series remote:

Single zone remote: Hold down On/Off key, meanwhile the driver power on.

Multi-zone remote: Hold down the matching zone's On & Off keys simultaneously, meanwhile the driver power on.



Match up with Q series or RC4-RF-B remote:

Hold down the matching zone's ON key, meanwhile the driver power on.



Match up with EX series panel:

A. Single zone panel: Long press ON/OFF key until all indicator flicking.

Multi-zone panel: Long press ON/OFF key until all zone's indicator flicking.



B. The driver power on, the lamps flicker slowly, please complete step c within 15s.

C. Single zone panel: press any key on panel.

Multi-zone panel: press the matching zone key.

* Please do it when panel is power-on.

Match up with 106 gateway:

Turn on APP, click "ZONE" key to enter "zone set" interface, click the right top "MATCH" key, then operate following the prompts.



Step 3:

The lamps of driver flicker quickly and then stop flicking, the buzzer long beep, match code successfully.

Step 3:

The lamps of driver flicker quickly and then stop flicking, the buzzer long beep, match code successfully.

Match up with other gateway, please operate according to APP's prompts.



Clear Code:

Clear Code (ID learning button method):

Long press "ID learning button" on driver for 10 seconds, If the lamps flicker 5 times, deactivate the matching successfully.

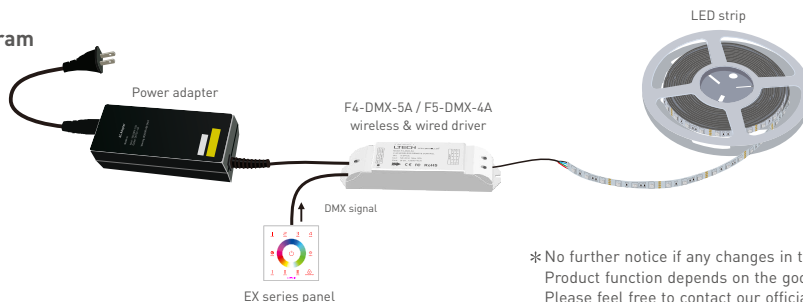


Clear Code (power on method):

Power on and off driver continuously for 10 times, If the lamps flicker 5 times, deactivate the matching successfully.



DMX Wiring Diagram



* 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.