

LTECH

WiFi-RDM LED CONTROLLER

Operating Instruction



Product Features



Fast Searching



Address Programmable



Remote maintenance



Convenience testing



Easily Setting

RDM

WiFi-RDM01 is the RDM master control, which browsing and setting corresponding parameters of the equipment with RDM protocol through the RDM standard protocol.

WiFi-RDM01 uses the Wifi module, which can wireless control by the phone's APP and supporting to upgrade the firmware remotely. it is convenient for customers' using the most functional and latest firmware version.

WiFi-RDM01 can be compatible with other brand's product with RDM protocol, and it does not affect the normal operation of other products when hangs on the bus.

Product Parameters

Model : WiFi-RDM01

Received DMX Channels : 512

Transmitted DMX Channels : 512

Input : 5~24Vdc

Output : DMX 512 / RDM

Working temp. : -30°C~55°C

Protocol : 2.4GHz Wi-Fi , 802.11b/g/n
ANSI E1.20-2010 RDM

Warranty : 5 Years

Weight(G.W): 110g

Certifications : 



Package Content



LED controller 1pcs



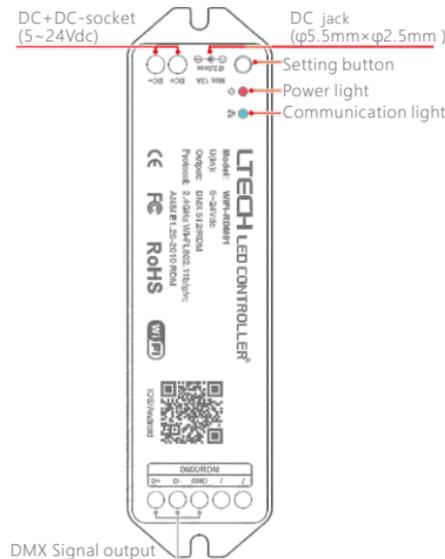
Power conversion line 1pcs



Technical brochure 1pcs

★ Please ensure the accessories is complete after open the package.

Product Structure

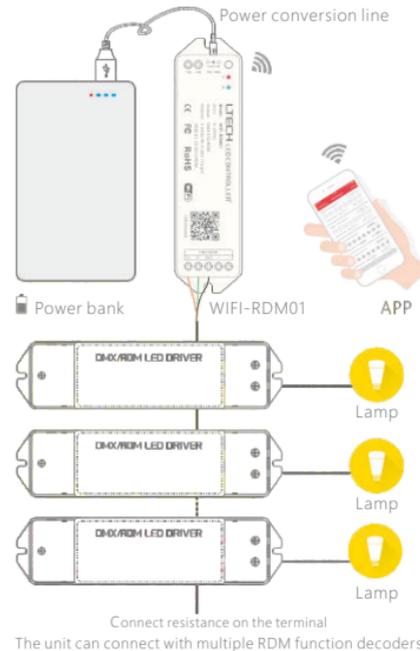


Power light:Red light is brighting(power is normal);red light is flashing (abnormal).

Communication light:
Blue light is flashing slowly(Initialization);
Blue light is flashing gradually(In configuration);
Bule light OFF(Configuration complete);
Bule light is flashing quickly(Data transceiver).

Setting button: Long press the button for 6s to restore the factory settings,the equipment is without password when restore.

Product Installation



★ The product can be powered by power bank or 5~24V adapter through power conversion line.
Two options for the power input:DC+DC-socket&DC jack.
Please use standard RS485 shielded twisted pair signal cable.

Attention

- 1.The product shall be installed and serviced by the qualified person.
- 2.This product is non-waterproof. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage of the LED power supply used comply with the working voltage of the product.
5. Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 7.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

★ This manual only applies to this model. We reserve the right to make changes without prior notice.



1.Connected & Matched

Connect the device follow the instructions: The indicator changes from flashing status to the off state, then can be matched. Please reboot the power supply, once the blue light is not flashing.



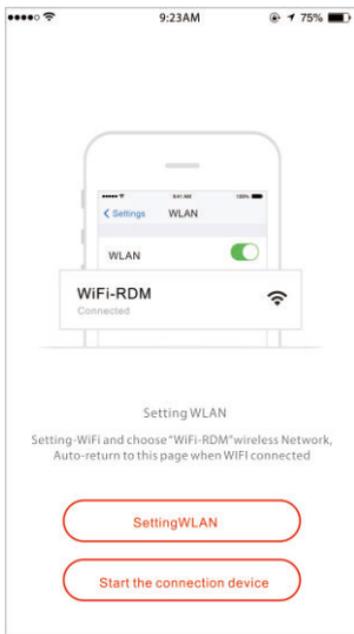
Scan QR code to download the APP via mobile phone



iOS / Android

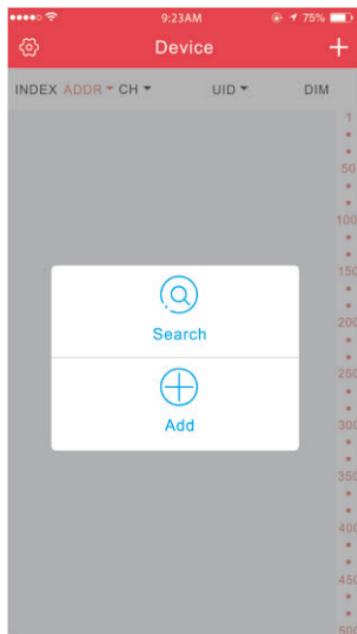
2.Connected WiFi

After confirming that the WiFi-RDM01 has already matched with the RDM device, follow the instructions to connect the wifi through the phone. The factory default WiFi name is WiFi-RDM01, no password.



3.Search & Add Device

After finishing setting, click "+" in the upper right corner will pop-up the Search and Add button; Search means to search device again, Add means to add device.



4.Edit

The edit can be proceeded after the device searching succeeded.
A, Press the appropriate box of ADDR, then the address can be edited.
B, Press the UID code, the information of this device will pop up.
C, Press DIM button ">" and then enter the Dimming interface.



5.Dim

Slip dimming rod left and right to adjust the dimming.



6.Edit the power supply setup

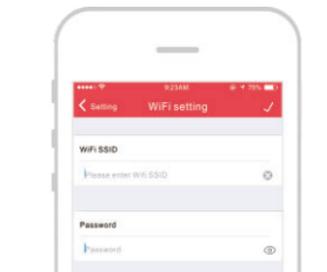
Back to the device interface, press the button on the top left corner, enter setting interface.

Press **DIM Range**, then the parameters of the dimmable driver can be set. If the driver of our company was among the searched devices, then appropriate model parameters will show the editable status, current value, and dimming range.



7.Modify WiFi password

Back to setting interface, modify the WiFi SSID no. and password by clicking the **WiFi setting**.



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