



LED Strip Controller

DOM-ETH-806DM



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Email: jackzhou@domraem.com



SUCCESS COURIER SL
CALLE RIO TORMES NUM.1,PLANTA 1, DERECHA
OFICINA 3,Fuenlabrada,Madrid,28947 spain
successservice2@hotmail.com

DOM-ETH-806DM_V1.0



Steps for configuring when the LED strip is not working:

This product adopts energy-saving design. GPIO12 Relay configuration is mandatory after performing the following operations:

- ① Press the Reset button
- ② Factory Reset via APP
- ③ OTA firmware update

You must complete the GPIO12 Relay configuration, otherwise the LED strip will remain off (this is a preset power-saving feature, not a product malfunction).

Technical Requirements

- Set Relay to GPIO12 mode
- Restart device (press Restart button or power cycle)

Troubleshooting (LED strip not lighting):

- ① Check GPIO12 Relay configuration
- ② Test power supply stability
- ③ Verify configuration steps

Description of Button Functions:

Restart:
Reinit after config save

Reset (Top):
Press and hold for 10 seconds to reset. Briefly press to turn on/off, press and hold for 2 seconds to switch colors.

Initial Password :wled1234

Packing List of Contents:

- ① Packaging Box x1
- ② WLED LED Digital Controller x1
- ③ User Manual x1
- ④ Screwdriver x1
- ⑤ 029720 Fuse x1
- ⑥ Fuse Installation fixture x1
- ⑦ Terminal Block x1
- ⑧ 3cm Sticker x1

WARNING

Danger of Accidental Ingestion:

This product contains Screwdriver. Accidental ingestion can lead to fatal or severe injuries. If you suspect that a pin has been swallowed or inserted into any part of the body, seek immediate medical attention.

Usage and Storage Precautions:

Always store both new and used screwdrivers in a safe place, out of the reach of children, to prevent accidents.

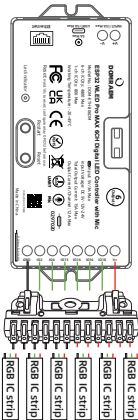


ESP32 WLED LED Digital Controller

Model NO.: DOM-ETH-806DM

Input: 5V/3A Max
Input Voltage: DC 5V-12V-24V
Total Output Current: 15A Max
Output Current/Channel: 12A Max
2/4/6-ch IC Qty: 1600Max/3200Max/4800 Max
1-ch IC Qty: 800 Max
Working Temperature: -20~45°C
Wireless communication: WiFi
Dimensions: 110x48x22mm

DOM-ETH-806DM ESP32
WLED Pro MAX 6CH Digital
LED Controller with Mic



This product supports a wide range of addressable LED strips, including but not limited to:

WS2811, WS2811F, WS2812, WS2812B, WS2813, WS2814, WS2814A, WS2815, WS2805, SK6812, SK19703, SK16703, SM16703SP3, FL1903B, FW1935, TM1814, etc.



1. The controller does not change the voltage, the power supply needs to be selected based on the voltage and current requirements of the LED strip.
2. Before turning on the power, please ensure that all connections are correct and secure, and do not operate while the power is on.
3. The product should be used under the rated voltage. Using it under excessive or insufficient voltage may cause damage.
4. Do not disassemble the product, as it may cause fire and electric shock.
5. Do not use the product in environments exposed to direct sunlight, moisture, high temperatures, etc.
6. Do not use the product in metal shielded areas or around strong magnetic fields as this may severely affect the wireless signal transmission of the product.

Official Unique OTA Address:
<https://github.com/jacker-25>

Any other OTA paths not officially designated will lead to abnormal product operation. If you need the latest version of the program, please contact us via email. Thank you.

DISCLAIMERS

1. Our company will update the content of this manual based on the improvement of product functionality. The updates will be displayed in the latest version of this manual, without further notice.
2. Due to our continuous adoption of new technologies, product specifications may change without further notice.
3. This manual is provided for reference and guidance only and does not guarantee complete consistency with the actual product. The actual application should be based on the actual product.
4. The components and accessories described in this manual do not represent the standard configuration of the product. The specific configuration is subject to the packaging.
5. All text, tables, and images in this manual are protected by relevant national laws and may not be used without our permission.
6. This product may be compatible with third-party products, but our company does not take responsibility for compatibility issues or partial loss of functionality caused by changes in third-party products.



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.