GLEDOPTO®

Wled Digital LED Light Bar
User Instruction

GL-LB-003

Product Parmeters

Model NO.: GL-LB-003

Input voltage: DC 5V

Input current: 2.5A

Waterproof rating: IP20

Number of LEDs: 41 pieces

Material: PC+Aluminum

WorkingTemperature: -20~45°C

Size: 9cm*6cm*31.5cm

APP Download Method

IOS

Search for and download **WLED Native** in the App Store.

Android

Search for and download **WLED Native** in the Google Play Store.

APP Connection Steps

1. Power on the WLED controller.
2. Open the phone settings and enter WiFi settings, find"WLED-AP" and connect to it with the password "wled1234".

3. After successful connection, it will automatically jump to the WLED page (or enter the website 4.3.2.1 in the browser to enter the WLED page).

4. Click "WIFI SETTINGS", set the WiFi account and password, and the click"Save & Connect" at the top of the screen to save.

5. Keep both your phone and the WLED controller connected to the same Wi-Fi network. Then, open the WLED-Native APP, and the WLED controller will be displayed in the list.

LED Strip Configuration

Configuration Information：

1. LED Strip Model: WS281x
2. Color Order: GRB
3. Length: 41
4. GPIO: 16

Microphone Configuration

Enter the WLED control page, click "config" in the upper right corner, select "Usermods", find "AudioReactive", check (Enabled), and then configure according to the configuration information under "Digitalmic". After the configuration is completed, click "save". After the successful save, turn off the controller.

Configuration Information:

1. Type: Generic 12S PDM
2. Pin 12S SD: 32
3. Pin 12S WS: 15

Button Functions & Reset to factory settings

OPT button(IO17):
1. Short press: power on/off.
2. Long press for 1 second: switch colors.
3. Long press for 10 seconds: reset WLED digital pillar light.

Button reset:
1. Long press the OPT button for 10 seconds and then release it.

Software reset:

1. Enter the WLED control page, click on the top right corner "Config".

2. Click on the bottom "Security & Updates", scroll down in the Security & Updates page, find and check "Factory reset", then click "Save".

⚠ Attention

1. Before turning on the power, please ensure that all connections are correct and secure, and do not operate while the power is on.

2. The product should be used under the rated voltage. Using it under excessive or insufficient voltage may cause damage.

3. Do not disassemble the product, as it may cause fire and electric shock.

4. Do not use the product in environments exposed to direct sunlight, moisture, high temperatures, etc.

5. 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.

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 (such as apps, hubs, etc.), but our company does not take responsibility for compatibility issues or partial loss of functionality caused by changes in third-party products.