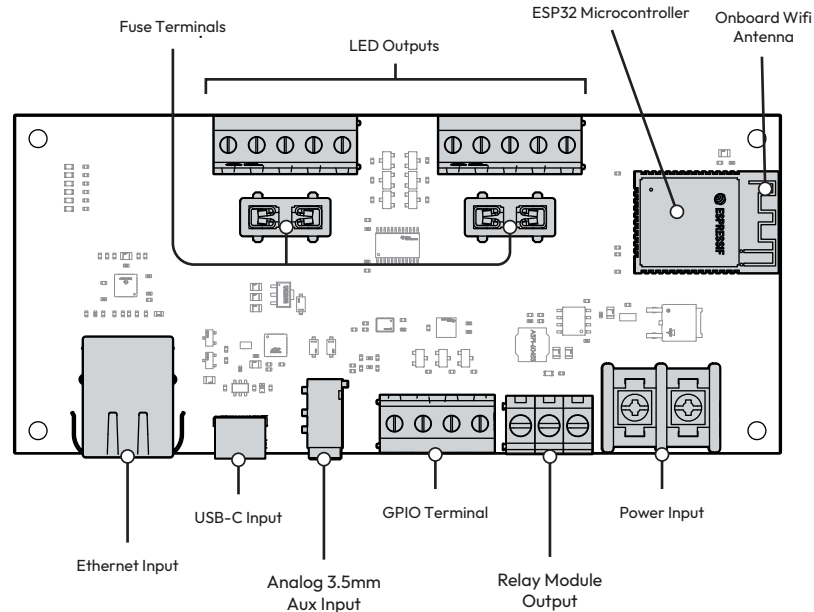


Eternaglo Plus

Circuit Board Components

Main voltage input: 5V minimum, 24V maximum

Terminals: Input 20A continuous, Output 10A continuous each (20A combined)



Eternaglo

Online Guide & Videos



Additional configuration documentation, free 3D-printable enclosure files, and much more are available at eternaglo.com

Power Connection:

Connect the board to a power supply that matches your LED voltage (e.g., 12V power supply for 12V LEDs).

Wi-Fi Setup:

Connect to the board's Wi-Fi, "WLED-AP," using password "wled1234" or scan the provided QR code.

Enter your home Wi-Fi details when prompted. Here you'll see the default mDNS address, which can be changed to something more memorable if desired. Click "Save & Connect."

Access WLED:

Use the WLED Native app or access the board through a web browser by entering the mDNS address you saw/set previously.

The app should auto-detect the board. You can rename the board in Config > User Interface > Server Description for easier identification.

Connecting Lights

Turn off power to the board before connecting lights.

The board supports up to six LED strips and works with various individually addressable LEDs. Check WLED's documentation for full compatibility list.

Wiring LEDs:

Connect LED power to the 5-24V output, ground to GND, and data to an IO output terminal. Power and ground can be shared by multiple strips, but ensure to connect to separate IO terminals for data.

Configure WLED:

Power the board on and open the WLED interface.

Under Config > LED Preferences, match the Data GPIO to the IO number you connected your strip to, change the LED type (e.g., "WS281x"), and LED length to your setup. By default all 6 GPIO outputs will be pre-set, so you may wish to remove any that you aren't using from the list. You may also wish to increase the Maximum PSU Current to a higher number that matches your power supply and LED setup. Save changes. If colors don't match, adjust the "Color Order" until they align.

Start Using WLED

You're all set! Explore presets, schedules, and zones via WLED's website or visit the resources section on our website for much more detailed documentation and guides. From the Eternaglo team, we hope you love using our product!

Scan to connect
to board wifi



iOS App



WLED Native App

Android App



WLED Native App