How To Connect LED Light Ring

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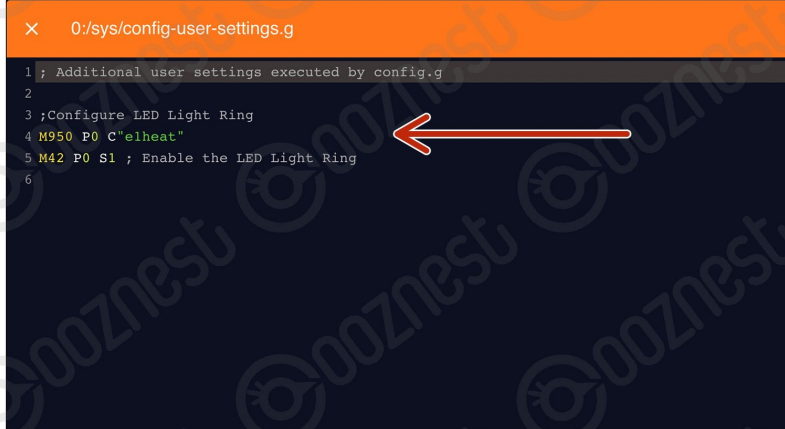Page 1 of 3
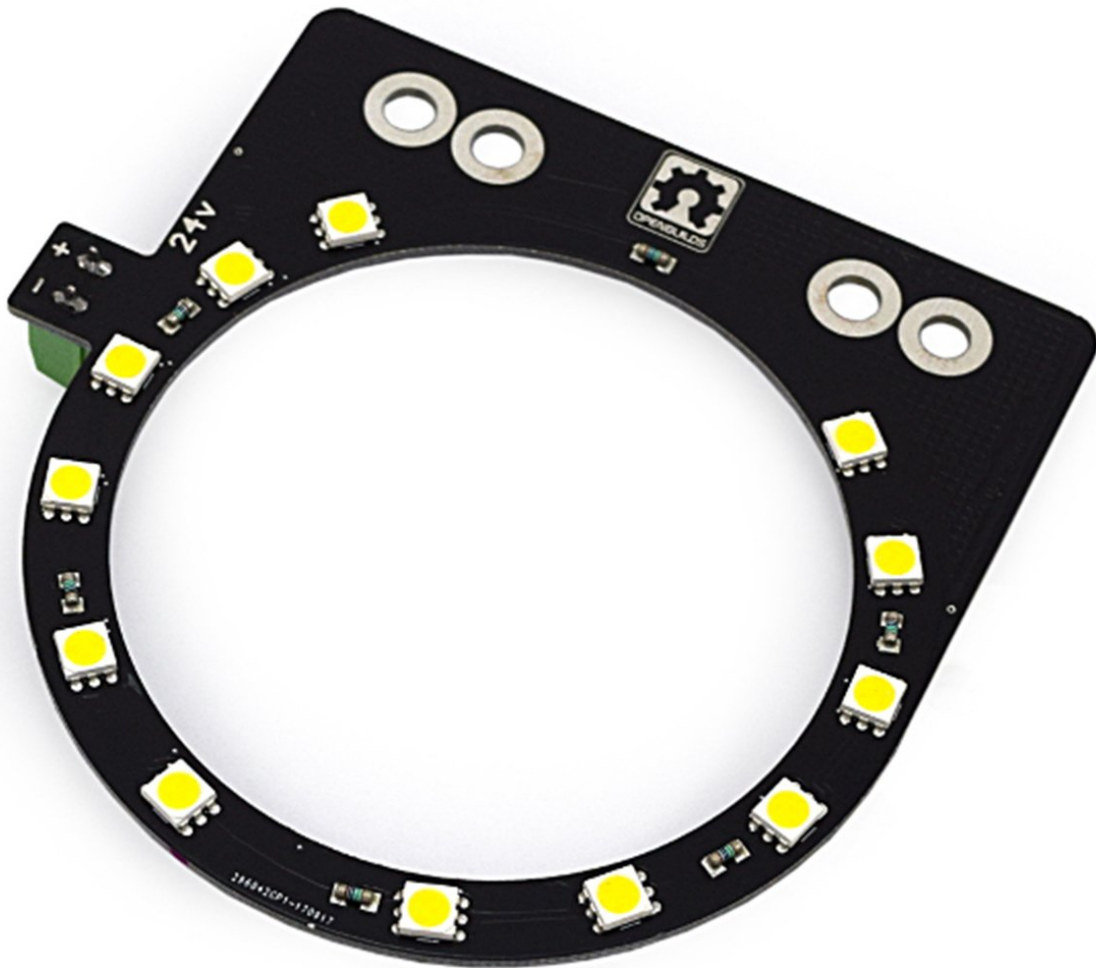
Step 1 — Mounting & Wiring

- The LED Light Ring mounts onto the two back threaded holes on the underside of the Router-Clamp.
  - ⓘ If you have the Mafell, you will need to mount it over the top of the Dust-Shoe-Adaptor.
    - ⓘ Use two spare M5-Button-Head-Bolt-8mm bolts to secure it to the back two threaded holes.
    - ⓘ You will need to forgo the two front mounting bolts.
- ⓘ We sell [Silicone Wire](#) to connect it. Make sure you buy enough to go through the Drag-Chain-X.
  - The lengths you will need of each colour is: 500mm X-Axis = 1m. 750 or 1000mm X-Axis = 2m. 1500mm X-Axis = 3m.
- Wire the LED Light Ring into the Extruder 1 Heater outputs on the controller.
  - There is a slot in the Controller-Case-Body directly opposite for the wires.

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Step 2 — Programming

- Under File Management > System click on 'config-user-settings.g'. Then add the following lines
  - ;Configure LED Light Ring
  - M950 P0 C"e1heat"
  - M42 P0 S1 ; Enable the LED Light Ring
    - ⓘ This will turn the LED Light Ring on when the machine is turned on.
  - ⚠ Press the software emergency stop in the top right corner to restart the controller.
- ⓘ Use M42 P0 S0 to turn the LED Light Ring off.
  - ⓘ The S value can be between 0 - 1. It is a sliding scale between off and full brightness.

Thanks for following the guide. Any issues, please contact us!

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