



GC-01 G540 Gecko Chiller V2

The GC-01 is a simple, easy to use “plug and play” cooling solution for the Geckodrive™ G540 four axis stepper drive system. The GC-01 requires a single 24Vdc to 50Vdc power supply.

Mounting: The GC-01 mounts to the Geckodrive™ G540 by the four provided stand-offs and screws. The mounting holes on the GC-01 line up with the mounting holes on the G540 unit. The stand-off are threaded to M3.

- Mount the G540 to your enclosure using the stand-off and the M3 screws. Tighten the screws loosely to allow movement and alignment.
- Mount the GC-01 board onto the stand-offs. Tighten the screws fully.
- Tighten the screws that mount the G540 to the enclosure.

Wiring: The GC-01 is designed to be powered from the G540 power Supply. Connect the power supply to J3 of the GC-01, ensuring that the polarity of the connections is correct. When powered, the led on the GC-01 should be illuminated.

Vout Connector: The pads for this connector have the regulated 12Vdc on them. These pads may be used to access this supply and may be used to power relay coils, limit switches etc. This supply is rated at 200mA.

