

Lamptron CF525 instruction manual

Thank you for choosing the Lamptron CF525 controller. This controller has been designed for the hardware enthusiasts, who want the maximum performances with no compromise.

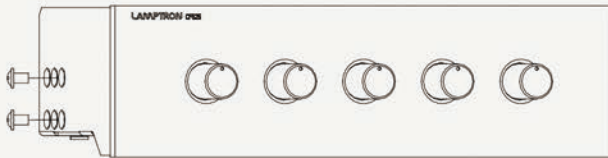
The Lamptron CF525 allows controlling fans fed with DC current and a maximum voltage of 12V.

Here the Lamptron CF525 highlights:

- 5 independent channels, each channel can be regulated rotating the corresponding knob.
- Each channel provides a 0 – 12V range and can supply up to 60W.
- Great aesthetics with CNC milled aluminum faceplate, black circuit board and cables sleeved with black high-texture snakeskin mesh.

We recommend that you read the following detailed description of the installation before using the CF525 .

INSTALLATION:



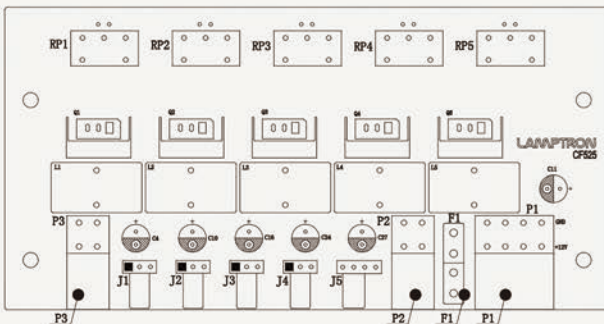
SPECIFICATIONS:

Dimension	148.5mm * 42.5mm * 76mm
Power Output	Up to 60 watts per channel
Control Channel	5 Channels
Color Available	Black Anodized/Silver
DC Input	+12V(1pcs MOX4.2 5557-2*4p connector)
DC Output	0V - 12V DC
Connectors	5pcs 3pin connectors
	2pcs MOX4.2 5557-2*2p connectors

Installation location:

Please use the attached screws on the 5.25-inch bay on the computer case (Phillips screwdriver needed and not included).

CONNECTIONS:



Instructions:

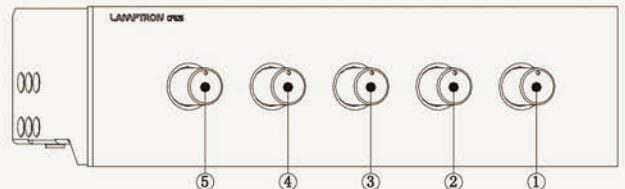
P1: Power input using MOX4.2 5557-2*4p Parallel Interface.

CAUTION: Please use cables with AWG18 diameter or larger in order to guarantee sufficient current ensuring the normal operation of the machine!

When using the power output lines, 3pcs "D" interface requires simultaneous connections

1. Channel 1: P3 and J1 interfaces in parallel; P3 is MOX4.2 5557-2*2p for the voltage output interface; J1 is KF2510-3p interface, used to connect 3-pin fan.
2. Channel 2: J2 is used to connect 3-pin fan.
3. Channel 3: J3 is used to connect 3-pin fan.
4. Channel 4: J4 is used to connect 3-pin fan.
Tip: You can also smooth insertion KF2510-4p connector.
5. Channel 5: P2 and J5 interfaces in parallel; P2 is MOX4.2 5557-2*2p for the voltage output interface; J5 is KF2510-3p interface, used to connect 3-pin fan.
6. F1 is the fuse; it opens the circuit when the load exceeds the rated power for protection purpose.

OPERATION:



① ② ③ ④ ⑤ Represent the output channels from 1 to 5; open, close or control the corresponding channel.

SETTING:

By rotating each potentiometer knob corresponding to the output channel, the output voltage can be regulated. Rotating the potentiometer clockwise increases the output voltage; rotating counterclockwise means reducing the output voltage.

The voltage vary in the range of 0V (minimum voltage) and 12V (maximum voltage).

ACCESSORIES:



1 X Controller



1 X Power Cable



2 X Output Cable



1 X Installation Guide



4 X Screws