

Lamptron CE420 Instruction Manual

Thank you for choosing LAMPTRON CE420 controller. It is optimized for RGB LED Fan and Programmable LED Fan of air-cooled applications.

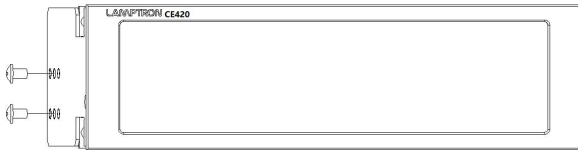
FEATURES:

- Control RGB LED Strip and Programmable LED Strip (support motherboard control LED Strip)
- Control RGB Fan and Programmable RGB Fan (support motherboard control RGB Fan)
- Remote and touch control
- Manual/Auto control
- Compatible with PWM fans and standard fans

SPECIFICATION:

Dimension	148.5mm * 46.5mm * 39mm
Screen dimension	129mm * 32.5mm(wider screen)
Power output	Up to 20 watts per channel
Control channels	4 Channels
DC Input	+12V(Standard " D " Connector)
DC Output	0 V - 12V DC
Compatible	PWM Fans and Standard Fans
RGB LED Strip	Max 60 led
Programmable LED Strip	Max 60 led

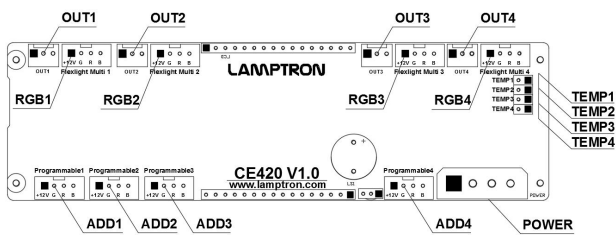
INSTALLATION:



Installation location:

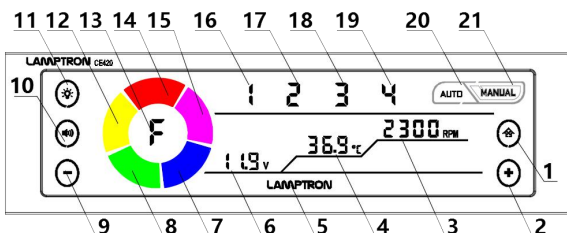
The CE420 is designed to fit in a 5.25" bay, please use the included screws to install it within your pc case. (Phillips screwdriver needed and not included.)

CONNECTIONS:

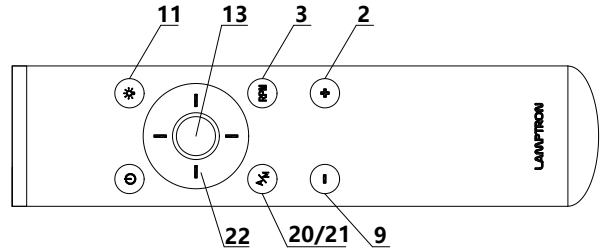


1. POWER: to 4-Pin Molex Power Connector.
2. OUT1~OUT4: to standard fans
3. ADD1~ADD4: to Programmable LED Strip or fans
4. RGB1~RGB4: to RGB LED Strip or fans
5. TEMP1~TEMP4: to themal sensors.

OPERATION:



- (1) Start boost button
- (2) Increase (3) Speed (4) Temperature button
- (5) LOGO (6) voltage or Percentage display (7) Blue button (8) Green button (9) Reduce (10) Alarm switch (11) Backlight adjustment button (12) Yellow button (13) Functional area (14) Red button (15) UV button (16)(17)(18)(19) Standard Fan control output (20) Automatic mode (21) Manual mode (22) Direction button



SETTING:

1. Manual/Auto control
Click to switch between auto and manual mode, manual mode is default setting.
2. Backlight brightness setting
Click to control brightness ranging 100% -- 50% -- 0%. Default brightness is 100%.
3. Alarm On/Off setting
Click to set the Alarm on/off.
4. Start-boost setting
Click to set on/off Start-boost; the default is Off.
5. Functional area
 - 5.1 Show means control RGB LED Strip by color button or Remote;
 - 5.2 Show means control Programmable LED Strip by Remote;
 - 5.3 Show means Select fan work mode between 1 2 3 4.
 - 5.4 Show means Fullpower and 100% working ;
 - 5.5 Show means Quiet Mode and 40% working;
 - 5.6 Show means adjust the speed of the corresponding fan.
6. Voltage, Percentage display
Click to switch between Voltage/Percentage display.
7. Temperature unit
Click to switch between °C and °F.
8. Direction button
 - 8.1 Functional area shows , the direction button of the remote controls the mode and brightness of the RGB LED Strip;
 - 8.2 Functional area shows , the direction button of the remote controls the mode and brightness of the Programmable LED Strip;
 - 8.3 Functional area shows , the direction button of the remote corresponds to 1 2 3 4

We hope you enjoy your CE420 and it serves your projects well. If you think any aspect of the CE420 can be improved or if you are willing to share your creative ideas with us, you are more than welcomed to contact us through our email (info@lamptron.com). We are always happy to hear from you !