Lamptron CU423 Instruction Manual

Thank you for choosing LAMPTRON CU423 controller. This controller is compatible with air cooling and water cooling control.
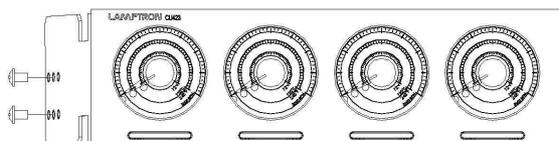
FEATURES:

- Classic Clock Dial design
- 40W per Channel,4 channels
- Voltage,Speed and Temperature display
- Manual/Auto Control Mode available
- High quality sleeved wires

We recommend that you read the following detailed description of the installation manual before using the CU423

SPECIFICATION:

Dimension	148.5mm * 42.5mm * 65mm
Power output	Up to 40 watts per channel
Control channels	4 Channels
DC Input	+12V(standard power interface + 5557-2 D shape * 4 p r)
DC Ouput	0 V - 12V DC
Compatible	2510 male head 3 p socket

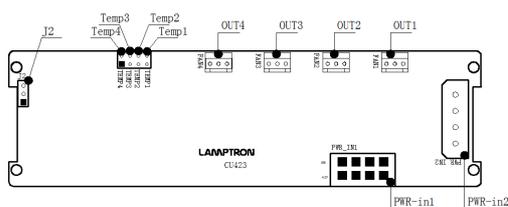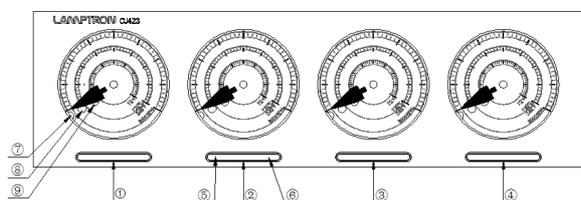## INSTALLATION:

Installation location:

The CU423 is designed to fit in a 5.25" bay,please use the included screws to install it within your pc case.(Phillips scre wdriver needed and not included.) According to your actual si tuation, please reserve a good connection and linear space.

CONNECTIONS:

1. PWR_IN1 and PWR_IN2: input power supply

Warning: Please be sure connecting PWR-IN1 and PWR-IN2 at the same time,then the CU423 can work normally！！！

2. OUT1 ~ OUT4: channel 1 ~ 4 output, it is a standard 3 pin KF2510 interface.(you can also connect KF2510 4 pin connector)
3. TEMP1 ~ TEMP4: connect to the temperature sense
4. J2: start boost on/off.

OPERATION:

①②③④ndicates the channel 1 to 4, ⑤reduce，⑥ increase，⑦ Speed indicator light，⑧ temperature indicator light，⑨ Voltage indicator light

SETTING:

Power on over 2 seconds to enter the display mode.At same time,each channel can be setup.

Automatic mode is ruuning at least 4.5 V - 12 V

In Auto Mode,the indicator lights are all lighted up(Voltage, Speed,Temperature).

1, CU423 can be ruuning in Manul/Auto Mode.In Auto Mode,user can not make any changes.

2, the left side of button for reducing, the right side of the button for increasing;

Short push each button means switching from Voltage,Speed and Temperature

Long Push each button over 3 second means switching between Manul/Auto Mode.

3, CU423 start boost function ON

CU423 start boost function OFF

Setup Manual/Auto Mode:

CU423 setup as manual mode originally.

Long press the button for 3 seconds to switch between Manul/Auto mode

Once choosed Auto Mode,3 indicators LEDs(Voltage,Speed and Temperature) all lighted up to show Auto mode is ON.

Once choosed Manual Mode, 3 indicators LEDs(Voltage,Speed and Temperature) all lighted up to show Auto mode is OFF.

Manual mode:

CU423 defaults as Speed indicator is ON

Short press the button to switch to the voltage indicator ON, press button on the right side is inceasing,press button on the left side is reducing.

CU423 have memory function.Once power off,CU423 can running back to last time users' setup.

Automatic mode:

CU423 automatic mode means the target temperature is 45 ℃, the minimum voltage is 4.5V,the maximum voltage of 12V.Once the temperature is above 60 ℃.CU423 will works in full power

(Warning: automatic mode needs to connect the corresponding channel of thermal sensors.)

Alarm function:

When the voltage reaches 7 v and above, and no speed at the same time, then alarming and speed indicator flashing.

When the temperature reached 85 ℃ and above, then alarming and temperature indicator flashing

We hope you enjoy Lamptron CU423 and it serves your projects well.if you think any aspect of the CU423 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 !