

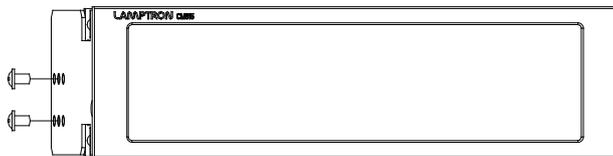
## Lamptron CM615 instruction manual

**Thank you for choosing Lamptron CM615 controller.**  
**This new controller features the following:**

- Large touch-screen design, clear and pleasing white on black, high-brightness white backlight.
- The first Lamptron product to feature client software with network remote control functions.
- The CM615 PC can be used regardless of your computer being on or off.
- Each channel can be in the "fan / networking fan" modes, each mode has an intuitive icon.
- Each channel can be individually set to manual mode (M) or automatic mode (A). When a channel is in the automatic mode you can specify the channel's target temperature target both minimum and maximum values. This automatic control also supports devices without tachometer and / or speedometer.
- Each channel outputs 15W.
- 6-channel design, you can simply touch any channel and see the corresponding parameters.
- There are five selectable backlight brightness (25%, 50%, 75%, 100% and backlight off), you can choose the most suitable brightness.
- Each channel can be individually customized to have the Alarm and start boost functions turned on or off.
- Black PCBs
- Other options that can be customized or turned on or off are Screensaver, touch sound, and Celsius / Fahrenheit setting, etc..

We recommend that you read the following detailed description of the installation before using the CM615 .

### INSTALLATION:



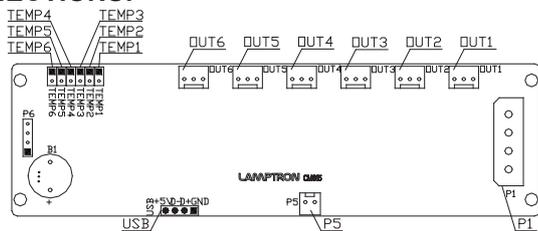
### SPECIFICATIONS:

<b>Dimension</b>	148.5mm * 42.5mm * 63mm
<b>LCD Dimension</b>	129mm * 32.5mm(wide screen)
<b>Power Output</b>	Up to 15 watts per channel
<b>Control Channel</b>	6 Channels
<b>Color Available</b>	Black Anodized/Silver
<b>DC Input</b>	+ 12V(Standard "D" Connector)
<b>DC Output</b>	0V - 12V DC
<b>Connectors</b>	6pcs 3pin connectors

### Installation location:

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

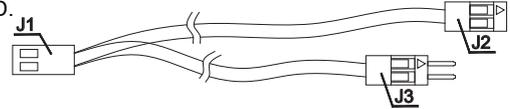
### CONNECTIONS:



### Instructions:

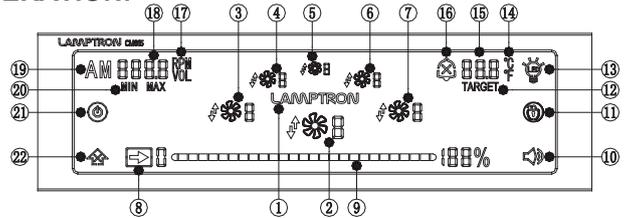
1. P1: Connect the power supply.  
Tip: Be sure to use at least 18AWG wiring specifications.
2. Out1~Out6: channel 1 to channel 6 output interface for the connected load fan. The six interfaces are standard with KF2510 3pin interfaces.  
Tip: You can also smooth insertion KF2510 4pin connector.
3. TEMP1 ~ TEMP6: are respectively connected to the P1 ~ P6 corresponding to the temperature sensitive.  
Tip: Automatic control of each output channel is carried out according to the temperature of the corresponding sensor.

4. P5: PC switch line interface for controlling the PC switch.
  5. USB: USB cable interface for the client software.
- Tip: Connect the USB cable, pay attention to line sequence, USB red line corresponds to PCB silkscreen +5 V, the black line corresponds to GND.



PC switch wire interface mode: J1 connector P5; J2 connected PC motherboard; J3 connect the PC button.

### OPERATION:



- ① LOGO; ② ③ ④ ⑤ ⑥ ⑦ channel switching area, where ② is the current channel; ⑧ slide to unlock arrow; ⑨ slider area;
- ⑩ key tone switch; ⑪ screensavers button; ⑫ target temperature;
- ⑬ backlight adjustment button; ⑭ temperature units;
- ⑮ temperature value; ⑯ alarm switch; ⑰ speed / voltage unit;
- ⑱ speed / voltage values; ⑲ auto / manual switch; ⑳ Min / Max;
- ㉑ computer switch button; ㉒ Start boost mode

### SETTING:

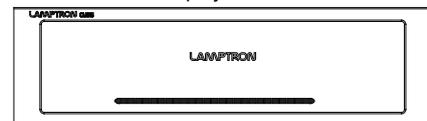
- Icon in the user interface to connect the power cord, accessories and load.

Powered display interface is shown below:



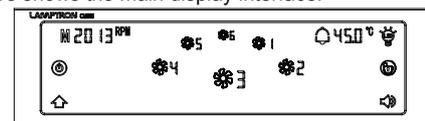
1. When the computer is not turned on; Users can use the CM615 without the PC being on (requires computer support turned off, USB interface 5V output remaining plugged in to the motherboard).

Use: Touch the slider to the left slide to the right to display the slider all the following figure, 12V is detected after LAMPTRON flashing 3 times, and enters the main display interface.

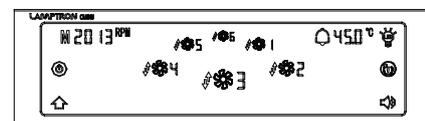


2. Computer is in boot state; Slide the slider from left to right, LAMPTRON flashes 3 times, CM615 will then go to the main interface.

This figure shows the main display interface:



3. Once the client software is opened, it will show a successfully connected icon below:



When the client application is not connected or connected successfully, the fan icon is:  |  
 When the client application is connected successfully, the fan icon is:  |