## SETTING:

- Rotating each knob allows managing the power supplied to the corrisponding channel, the variation of the parameters is displayed on the LCD. Clockwise potentiometer rotation is to increase the output voltage, counterclockwise potentiometer rotation is to reduce the output voltage. Twisting the potentiometer to the minimum position or the maximum position means setting the output voltage at the lowest value corresponding 0V or at the maximum voltage of 12V; a uniform variation of the voltage 0-12V during the potentiometer rotation is provided.

- The display allows the visualization of the temperature for each channel in both Celsius degrees (°C) and Fahrenheit degrees (°F). When a channel is not connected to a temperature sensor, the displayed temperature will be 0°C or 0°F. The temperature reader accuracy is about 0.1°C and 1°F.

- Pushing channel 1 potentiometer enables the backlight display color selection. Once pushed the channel 1, the fan controller will automatically switch the backlight color with an interval of 2 seconds in order to show all the available color to the user. Pushing the channel 1 potentiometer again means selecting the displayed backlight color. The color selection is saved in the memory and it will be used also after rebooting. If the user does not select a color within 60 seconds, the backlight stops automatically changing the color returning to the previously selected color.

- The start boost function is activated when the mini jumper cap connects the two pins circuit board in HSBOOT1 position ▣. When the start boost mode is activated, the ⬆ icon is displayed on the lower left corner of the LCD screen. The start boost function consists in providing 12 V in all the channels for 3 seconds during the booting phase in order to enable the fans rotation even if they are supplied with the minimum working voltage. After 3 seconds, the voltage in the 6 channels is automatically regulated according to the values previously chosen by the user.
  If the jumper cap connects the two pins ▣, the start boost function is disabled.
  The start boost function avoids that the fans remain static when the fan controller is restarted and the fans are supplied with the minimum working voltage.

- Alarm function. Divided into three modalities: 6-channel alarm, 4-channel alarm and no-alarm.

  - When more than 7V output voltage is provided, but the speed is 0 rpm, the fan controller goes into alarm mode. In alarm mode the sound beeps once every 1 second, the speed of the channel display area flashes.

  - When a channel reaches a temperature higher than 85 ° C the fan controller goes into alarm mode. In alarm mode the sound beeps once every 1 second while the channel temperature display area will promptly flash.

  - The default alarm state is no-alarm. Pushing the channel 6 knob it is possible to switch the alarm modality. The first press of channel 6 selects the 6-channel modality, which is represented displaying the following the alarm icon ⌓.
    When this potentiometer is pressed again, the alarm icon will change in ④, which represents the 4-channel alarm modality; when the 4-channel modality is on, the channels 5 and 6 will not be taken into account for the alarm trigger.

ACCESSORIES:

1 X Controller

1 X Power Cable

6 X Sensors Cable

6 X Fan Cable

1 X Lamptron Calendar

4 X Screws

1 X Installation Guide

1 X Screen Cloth