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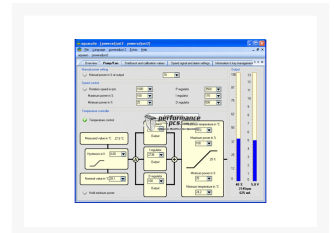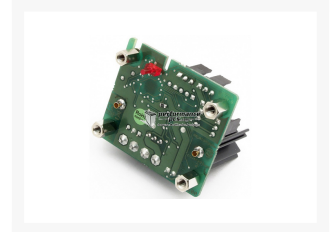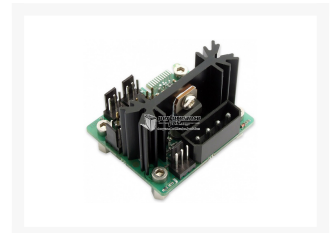Follow Us Twitter

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Aquacomputer Poweradjust 2 USB - Standard-Series

Special Price
$29.95 was
$42.99

Product Images

Short Description

The poweradjust 2 is primarily optimized for the control of Laing DDC pump, but other consumers may be operated on the controller with up to 25W continuous load at 12 volts. Therefore suitable poweradjust a 2 in the Ultra version, for example for temperature-controlled airstream control of nine fans at a airplex evo 1080th

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The peak output power can be up to 48W for a short time and provides plenty of cause for the reserves significantly higher starting currents, pumps or fans can. A configurable Start Boost ensures that, for example, a pump has enough time to start before it is turned down. This function uses course, if that is recognized on the speedometer or flow sensor signal a stoppage of fan or pump (configurable).

The board offers not only been from the previous known connections for consumers including tachometer signal processing, USB, flow meter and tachometer signal output in the current version of some innovations may thereby also an external temperature sensor can be connected and there are two aquabus connections for extensions. There are already clear plans for the near future so that we can look forward to further developments in the software and firmware.
New to the temperature measurement is also the support of negative values. Thus one reads of the two poweradjust temperatures ranging from -40 to +100 ° C.

In addition to the manual setting possibilities of the standard version can use the poweradjust 2 in the Ultra version of the external temperature sensor for controlling the power. The scheme itself is based largely on this at the fan control of aquastream XT and can be tailored to your needs very fine. Who does not need this feature can also access the standard version that is identical to the temperature control to the Ultra version.

Already visible in the pictures is of much greater good sized heatsinks compared to its predecessor. Security has also been improved by a two-stage overload protection function that relies on high temperatures before the performance to 100% in order to reduce the power loss on the Platuine and with further increasing temperature the output is disabled to prevent damage to the board. Various alarm settings in terms of temperature, flow and speed signal to give you more options at hand to protect your system from potential damage.

Features

- DC output signal (no PWM)
- Parameterized Start burst
- Measurement of maximum speed
- Choice of fixed output voltage or speed control
- Control characteristic for speed control can be configured in detail
- Disclosure of the tacho signal of the pump or fan to the motherboard or creation of an artificial tachometer signal can be deactivated in case of errors
- Speed control with a renewed burst at standstill
- Possibility to connect a temperature sensor
- Possibility to connect a flow sensor

- Two expansion ports aquabus
- USB communication to PC
- User-friendly software for configuration and evaluation of poweradjust 2 USB - fully integrated into the software aquasuite

Specifications

Delivery:

- 2 USB 1x poweradjust
- 1x Adapter cable for Laing DDC pump
- 1x Internal USB connection cable (5 pin), length 70 cm
- 1x Speed signal cable
- 1x Manual

Additional Information

Brand	Aquacomputer
SKU	AQ-53082-D
Weight	1.0000
Fan Accessory Type	Controller
Special Price	$29.95