



ALPHACOOL – THE COOLING COMPANY



Eis-Matrix II Aurora Digital RGB Controller

What is it?

A perfect tool for controlling addressable Digital RGB LED fans with PWM control. The controller can either be controlled with the included remote control or directly coupled with the mainboard controller.

Highlights

- For aRGB LED fans and aRGB LED stripes
- Controllable via remote control or directly via the mainboard
- Various effects possible
- Variable speed control of the fans

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We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Scope of delivery

- I pcs. Eismatrix II Digital RGB Controller
- I pcs. Remote
- I pcs. CR2025 3V Button cell
- I pcs. SATA Power supply cable
- I pcs. Connection cable for external Digital RGB Controller 4-I Pin 5V
- I pcs. Adapter to 3 pin 5V / 4 Pin 12V

Technical data Eismatrix II

L x W x H	8,4 x 5,4 x 2,4 cm
Digital RGB Fan connectors	7 x 5-Pin
Digital RGB connectors	2 x 3-Pin
Voltage Digital RGB LEDs	5 V
Max current output for aRGB LEDs	6 A / 30 W
Voltage Fan connections	12 V
Max current output for fans	3 A / 36 W
Power supply	SATA connector
Mainboard connector	4-Pin PWM + 3-Pin 5V (VD_G) + VDG

Technical data remote

L x W x H	85 x 39 x 7 mm
Net weight	14 g
Battery	CR2025 3V Button cell
Max working temperature	60° C
Transmission type	Infrared

Product pics download

[http://www.alphacool.com/
download/1016189_EISMatrix_II_Digital_RGB_Controller.zip](http://www.alphacool.com/download/1016189_EISMatrix_II_Digital_RGB_Controller.zip)

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Other data	
Article number Alphacool	I5368
EAN Code	4250197153683
PU Box	I
Dimensions PU B x T x H	200 x 132 x 40 mm
Weight	127 g
Customs code	84715000000

Article text

The Alphacool Ice-Matrix 2 Digital RGB Controller offers extensive control options for addressable digital RGB fans. With it, the speed of the fans can be infinitely adjusted and it offers all possibilities to realize the perfect lighting in your own system.

Extensive connection options

The Ice-Matrix II controller has seven 5-pin connectors for digital RGB fans. These connectors can be used for PWM fans with addressable digital RGB LEDs. Two 3-pin connectors are available for Digital RGB LED strips. With the appropriate Y-adapters more fans and LED strips can be connected and controlled per connector. However, please note that the controller can deliver a maximum of 36 W to fans and 30 W to LED strips. The power connection is done via a normal SATA connector.

Control via the mainboard possible?

A 4-pin connector with included cable offers the possibility to connect the controller directly to the mainboard. With the included adapter cable the fans can be controlled via a free PWM port. The digital aRGB LEDs are controlled via a 3-pin 5V connector (VD_G) or alternatively via a VDG connector. Which connector must be used depends on the connection possibilities of the mainboard.

Remote control?

If you do not want to control the controller via the mainboard, you can use the included infrared remote control. With this the fans can be regulated steplessly and of course extensive digital RGB effects can be created. These include effects such as pulsing, color gradients, changing colors and much more. In addition, the brightness and speed of the effects can be freely configured.

The Eis-Matrix II Controller offers many possibilities of Digital RGB and fan control. Thanks to the connection possibilities of various mainboards, corresponding mainboard software solutions can also be used as controls.