Alphacool 18708

Alphacool Y-Splitter aRGB 3-pin to 3X 3-pin Cable, 30cm User Manual

Model: 18708

1. INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of the Alphacool Y-Splitter aRGB 3-pin to 3X 3-pin Cable, 30cm. This cable is designed to expand your Addressable RGB (aRGB) lighting setup by allowing multiple aRGB components to be connected to a single 3-pin aRGB header on a mainboard or controller. Please read this manual thoroughly before use to ensure correct and safe operation.

2. PRODUCT OVERVIEW

2.1 What's in the Box

- Alphacool Y-Splitter aRGB 3-Pin to 3x 3-Pin Cable - 30cm (Model 18708)

2.2 Features

- High-quality sleeved aRGB 3-pin to 3x 3-pin Y-splitter cable.
- Compatible with all Alphacool aRGB products and most mainboards and aRGB controllers.
- Cable length: 30cm.
- Connections: One 3-pin input to three 3-pin outputs.
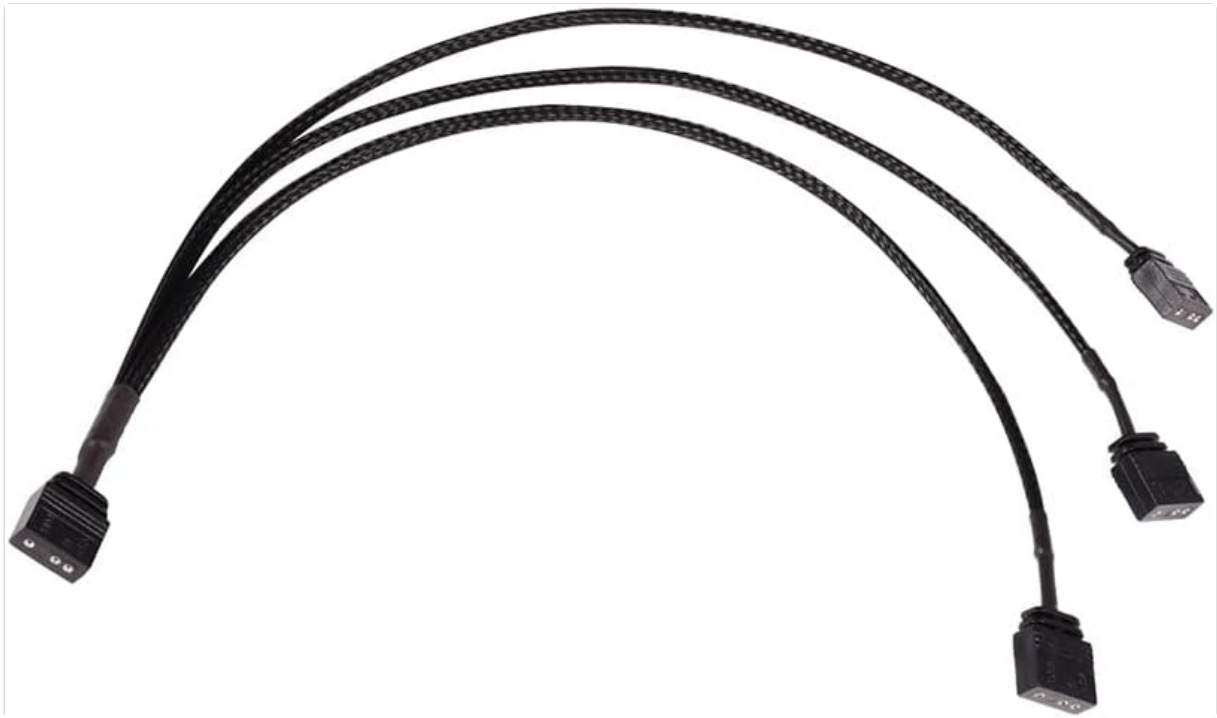- Color: Black.

Figure 1: Alphacool Y-Splitter aRGB 3-pin to 3X 3-pin Cable. This image shows the overall design of the Y-splitter cable, featuring one input connector splitting into three output connectors, all with black sleeving.

3. SETUP

1. **Identify Connectors:** Locate the 3-pin aRGB header on your mainboard or aRGB controller. Identify the 3-pin aRGB connectors on your aRGB devices (e.g., fans, LED strips).

2. **Connect Input:** Connect the single 3-pin male connector of the Alphacool Y-splitter cable to the 3-pin aRGB header on your mainboard or aRGB controller. Ensure the pins align correctly to avoid damage. The connector is typically keyed to prevent incorrect insertion.

Figure 2: Close-up of the male 3-pin aRGB connector (input). This image highlights the male connector that plugs into the mainboard or controller.

3. **Connect Output Devices:** Connect up to three aRGB devices to the three female 3-pin connectors of the Y-splitter cable. Again, ensure correct pin alignment.

Figure 3: Close-up of a female 3-pin aRGB connector (output). This image shows one of the three female connectors where aRGB devices are attached.

Figure 4: Example of 3-pin male-to-male pin connectors. These are often used to connect female aRGB headers on devices to the female outputs of the splitter.

4. **Verify Connections:** Double-check all connections to ensure they are secure and correctly oriented. Incorrect connection of aRGB devices can lead to damage. This cable operates at 5V. Do not connect to 12V RGB headers.

4. OPERATING INSTRUCTIONS

Once the Alphacool Y-splitter cable and your aRGB devices are correctly connected, the connected devices will operate in unison, receiving the same aRGB signal from your mainboard or controller. The lighting effects and colors are controlled via the software provided by your mainboard manufacturer or the dedicated software for your aRGB controller.

- **Software Control:** Use your mainboard's aRGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync) or your external aRGB controller's software to customize lighting effects.
- **Power Cycle:** After making connections, power on your system. The aRGB devices should illuminate according to the default or previously set lighting profile.

5. MAINTENANCE

The Alphacool Y-splitter cable requires minimal maintenance. Follow these guidelines to ensure longevity:

- **Cleaning:** Keep the cable and connectors free from dust and debris. Use a soft, dry cloth for cleaning. Do not use liquid cleaners directly on the connectors.
- **Handling:** Avoid excessive bending or pulling of the cable, especially near the connectors, to prevent internal wire damage.
- **Storage:** If not in use, store the cable in a dry, cool place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 No Lighting or Incorrect Colors

- **Check Connections:** Ensure all 3-pin aRGB connectors are fully seated and correctly oriented. Verify that the Y-splitter's input is securely connected to the mainboard/controller and that all output devices are connected to the splitter.
- **Verify Voltage:** Confirm that the aRGB header on your mainboard or controller is a 5V Addressable RGB header. Connecting to a 12V RGB header will damage 5V aRGB devices and the splitter.
- **Software Settings:** Open your mainboard's aRGB software or aRGB controller software. Ensure that the connected devices are detected and that the desired lighting effects are selected. Sometimes a software restart or driver update may be necessary.
- **Device Compatibility:** Ensure your aRGB devices are compatible with 3-pin 5V aRGB standards.
- **Test Individual Devices:** If possible, test the aRGB devices directly connected to the mainboard/controller (without the splitter) to rule out issues with the devices themselves.
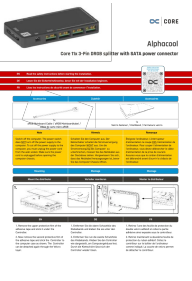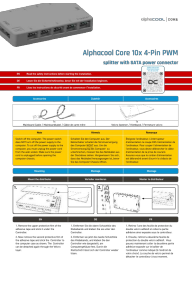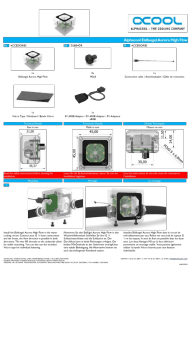
6.2 Loose Connections

- **Secure Fit:** Ensure all connectors are pushed in firmly. Some aRGB connectors may require a small amount of force to fully seat.
- **Pin Integrity:** Inspect the pins on both the cable and the devices for any bends or damage. Straighten bent pins carefully if possible, or replace damaged components.

7. SPECIFICATIONS

Feature	Detail
Brand	Alphacool
Model Number	18708
Cable Length	30 Centimeters
Connector Type	3-pin aRGB (1 input to 3 outputs)
Voltage	5V
Material	Plastic, Sleeved
Color	Black
Item Weight	0.02 Kilograms (approx. 0.704 ounces)

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Alphacool website. Keep your proof of purchase for warranty claims.
For further assistance, you may contact Alphacool customer support directly through their official channels.

Related Documents - 18708

[Alphacool Core 11x 3-Pin DRGB Splitter with SATA Power Connector - Installation Guide](#)
Official installation guide for the Alphacool Core 11x 3-Pin DRGB splitter, featuring SATA power connection for PC lighting. Learn how to safely mount and connect your aRGB components.

[Alphacool Core 10x 4-Pin PWM Splitter: Installation Guide](#)
Detailed installation instructions and safety information for the Alphacool Core 10x 4-Pin PWM splitter with SATA power connector, designed for PC fan control.

[Alphacool Eisfluegel Aurora High Flow Installation and Technical Guide](#)
Comprehensive guide for installing and using the Alphacool Eisfluegel Aurora High Flow PC water cooling component, including accessories, technical specifications, and safety information.

[Alphacool Core Flat Reservoir 240 Right with VPP Pump - Technical Specifications](#)
Explore the Alphacool Core Flat Reservoir 240 Right, featuring integrated VPP pump, digital aRGB lighting, and a flat acrylic design ideal for custom PC water cooling and compact builds. Includes 5 connections for flexible setup.

[Alphacool Core Storm 360mm ST30 Water Cooling Set](#)
Comprehensive water cooling kit for PC enthusiasts, featuring a 360mm radiator, Aurora CPU cooler, and a 200ml reservoir. Includes all necessary components for setup and expansion, with digital aRGB illumination.

[Alphacool Core Distro Plate 240 Right with VPP Apex Pump - PC Water Cooling Component](#)
Detailed information on the Alphacool Core Distro Plate 240 right, featuring the VPP Apex pump. Includes technical specifications, scope of delivery, installation guide, and design features for custom PC water cooling systems.