ID-COOLING HA-08

ID-COOLING HA-08 Fan Hub User Manual

Model: HA-08

Introduction

The ID-COOLING HA-08 Fan Hub is designed to centralize the control and power distribution for up to eight computer internal fans, offering both PWM (Pulse Width Modulation) and ARGB (Addressable RGB) synchronization capabilities. This hub simplifies cable management and enhances the aesthetic appeal of your PC build by integrating fan power and lighting control into a single unit. It is powered by a stable SATA connection directly from your system's power supply unit (PSU), ensuring reliable operation for all connected fans and ARGB devices.

What's in the Box

- ID-COOLING HA-08 Fan Hub
- PWM/ARGB Extension Cable
- Double-sided Adhesive Tape

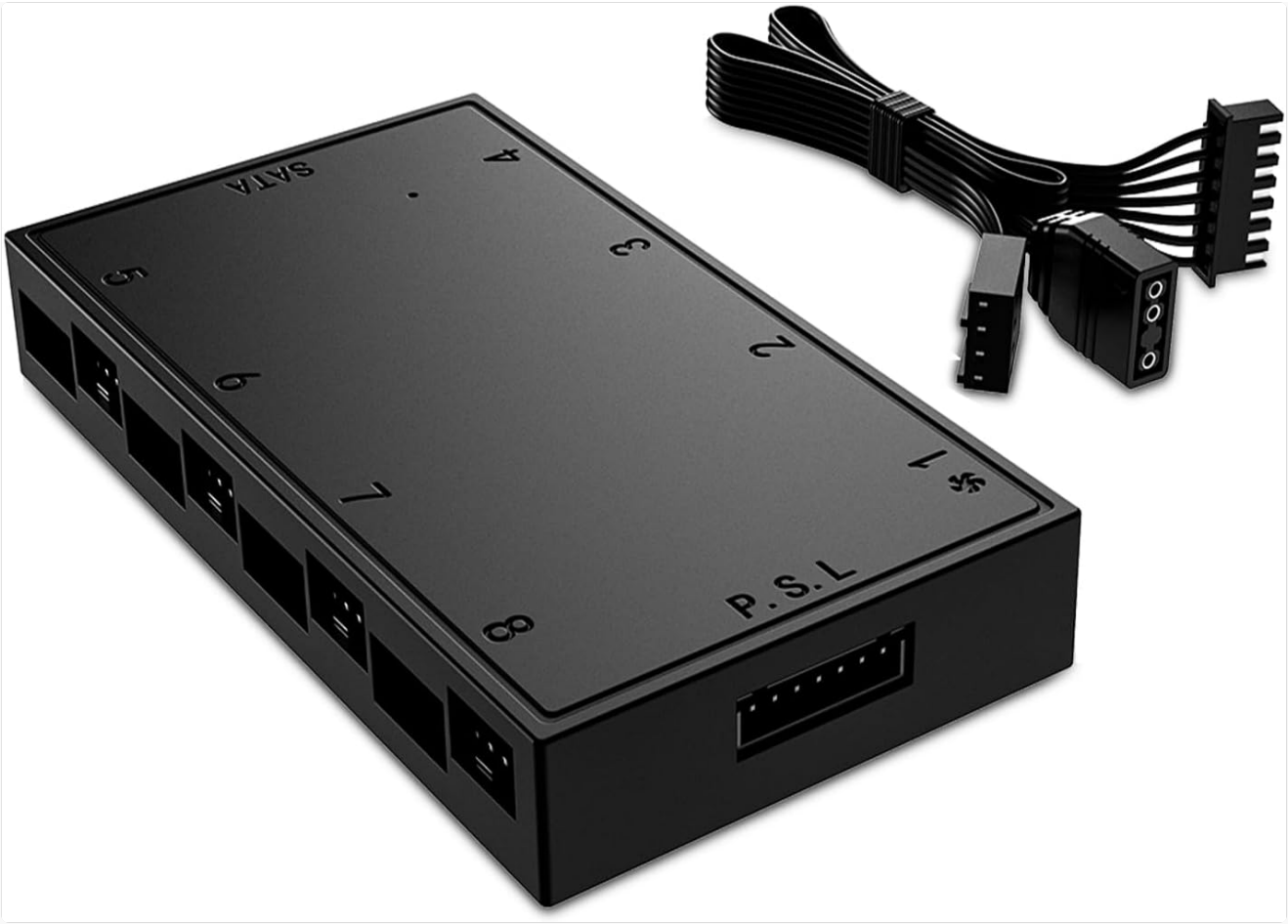

Image: The HA-08 Fan Hub and its accompanying PWM/ARGB extension cable.

SPECIFICATIONS

Model	HA-08
PWM Ports	8 (4-pin)
ARGB Ports	8 (3-pin)
Power Connector	SATA
Dimensions (L x W x H)	115mm x 63mm x 16.5mm (approx. 4.53 x 2.48 x 0.65 inches)
Compatibility	4-pin PWM fans, 3-pin ARGB devices (motherboard sync)

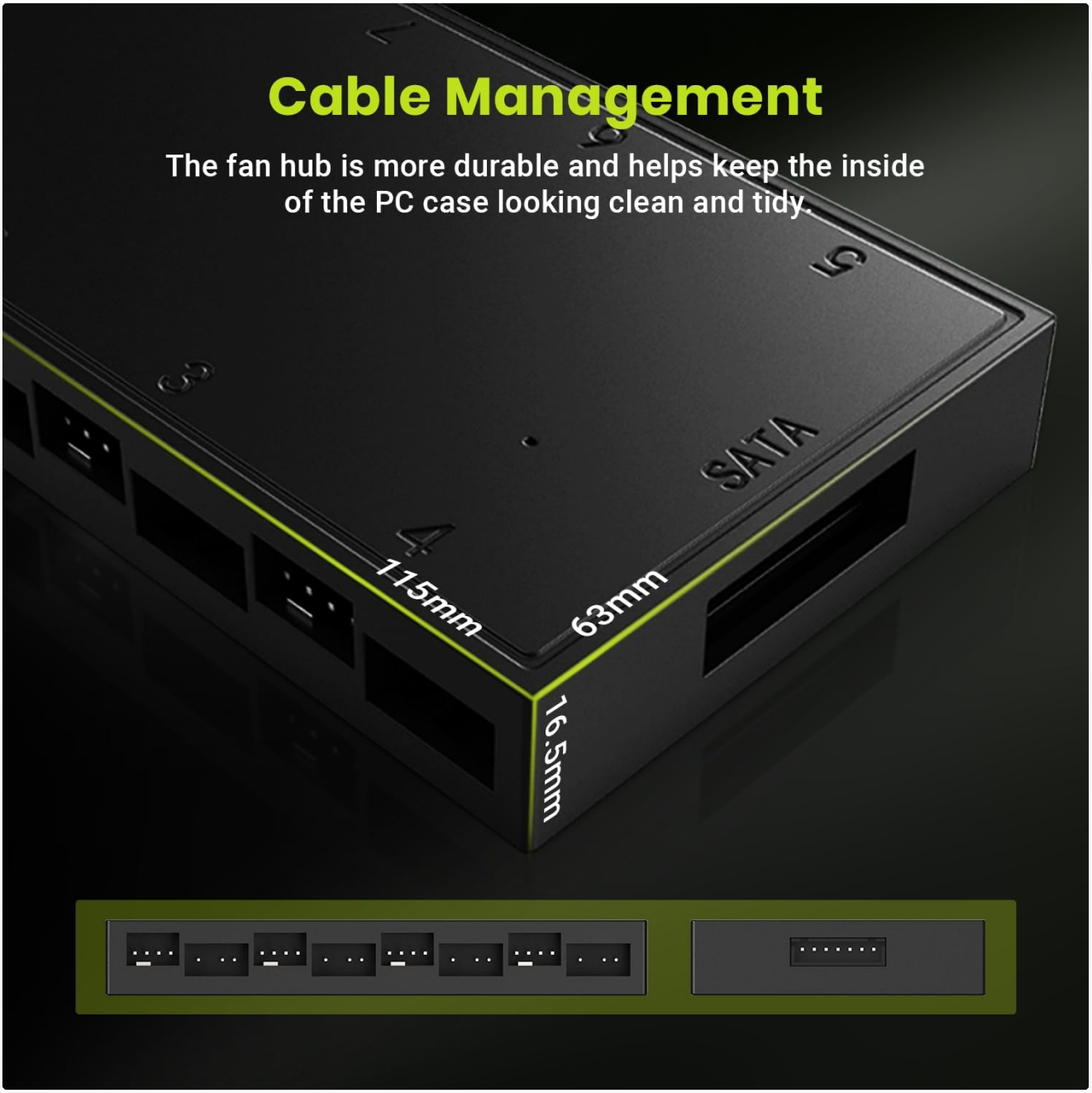

Image: Diagram showing the dimensions of the HA-08 Fan Hub.

Setup and Installation

Follow these steps to properly install your ID-COOLING HA-08 Fan Hub:

1. **Mounting the Hub:**

   The HA-08 Fan Hub comes with double-sided adhesive tape for easy installation. Choose a flat, secure surface inside your PC case, typically behind the motherboard tray, to mount the hub. Ensure the surface is clean and dry before applying the tape.

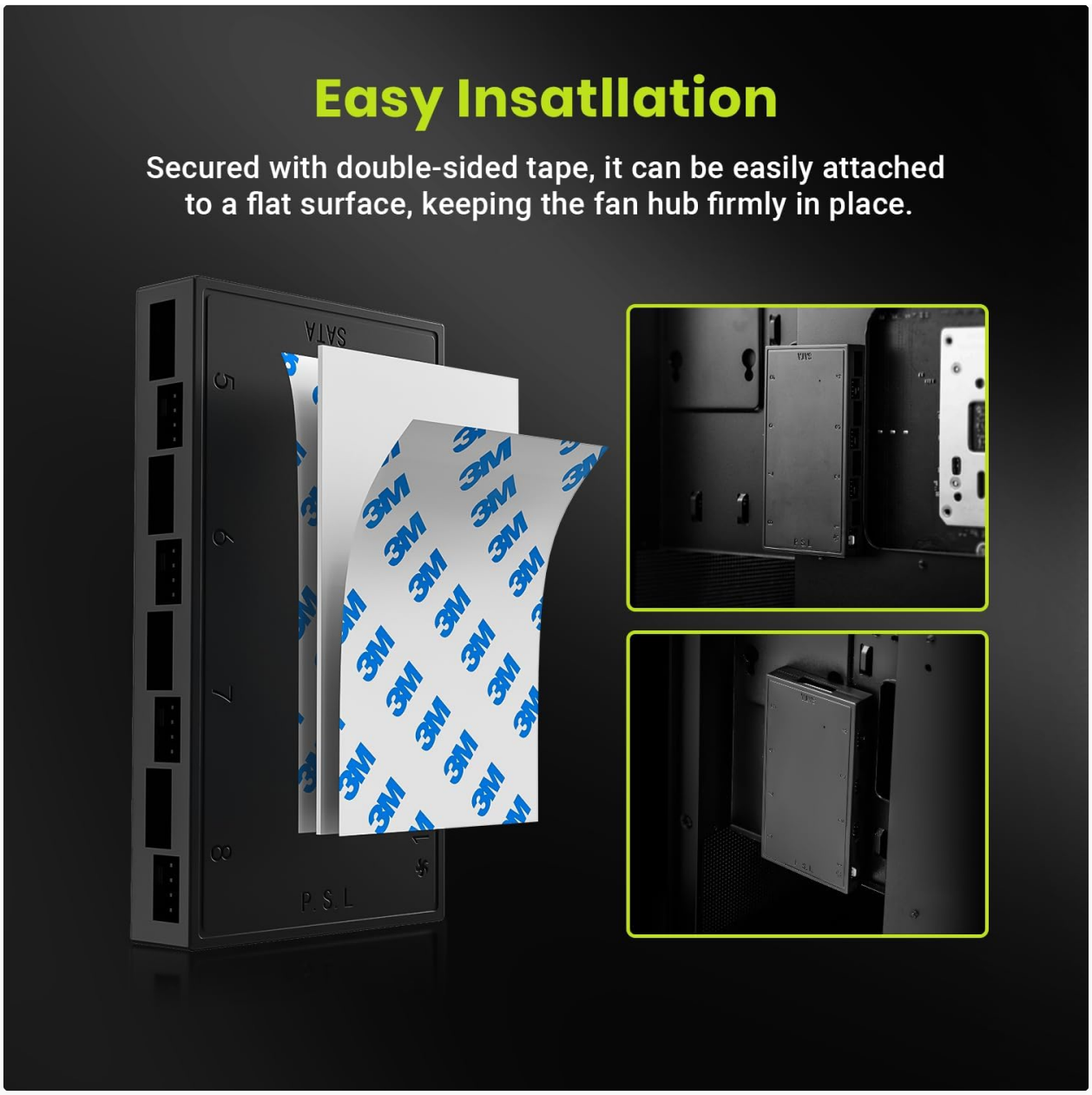

Image: Illustration of securing the fan hub using the provided double-sided tape.

2. **Connecting Fans (PWM):**

   Connect your 4-pin PWM fans to the designated PWM ports on the fan hub. The hub supports up to 8 PWM fans. Note that while all fans will be speed-controlled, only the fan connected to the "Fan 1" port will have its speed reported back to the system for monitoring.

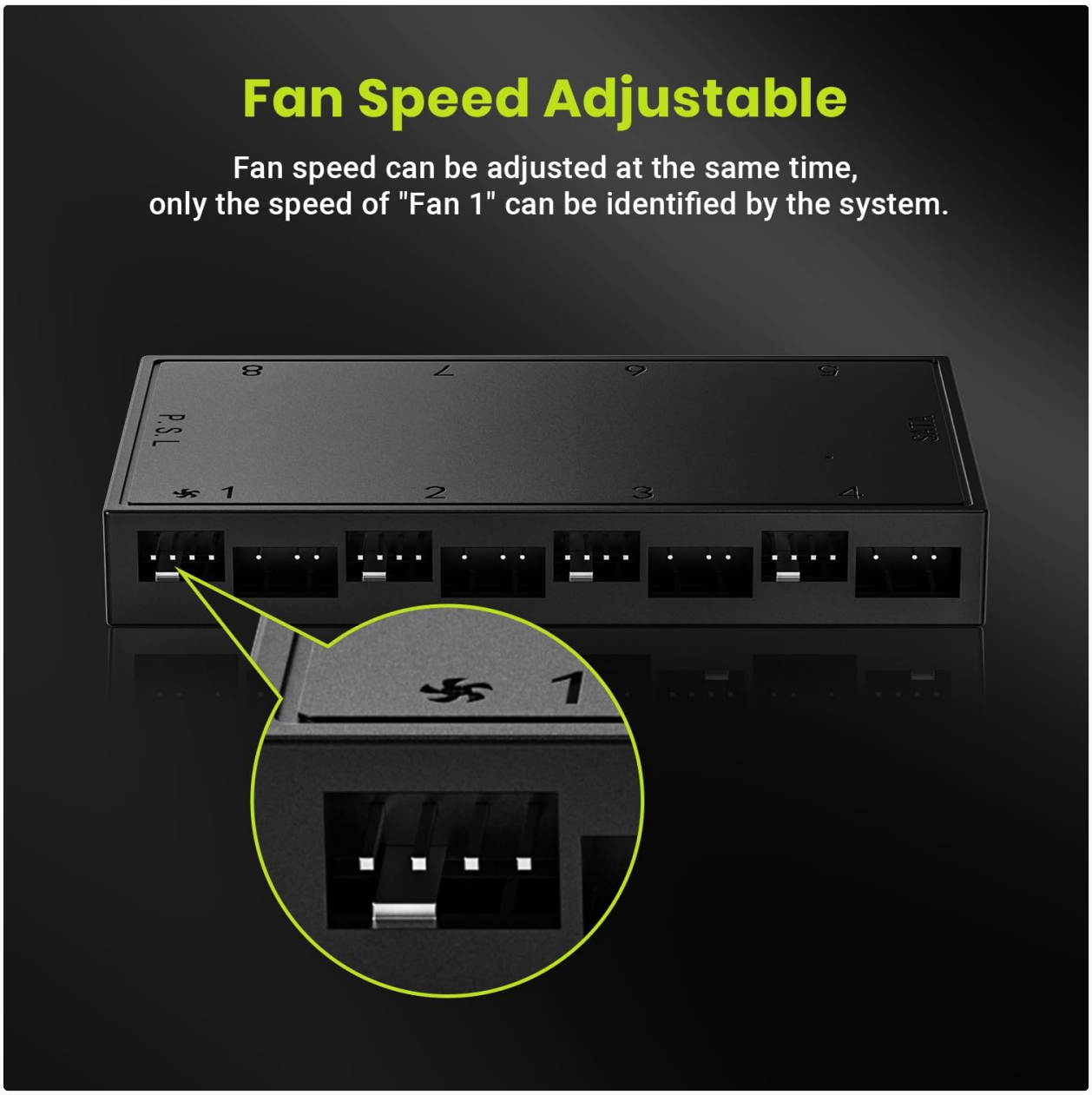

Image: Close-up view of the fan hub highlighting the "Fan 1" port for speed detection.

3. **Connecting ARGB Devices:**

   Connect your 3-pin ARGB devices (fans, LED strips) to the ARGB ports on the fan hub. The hub provides 8 ARGB ports for synchronized lighting effects.

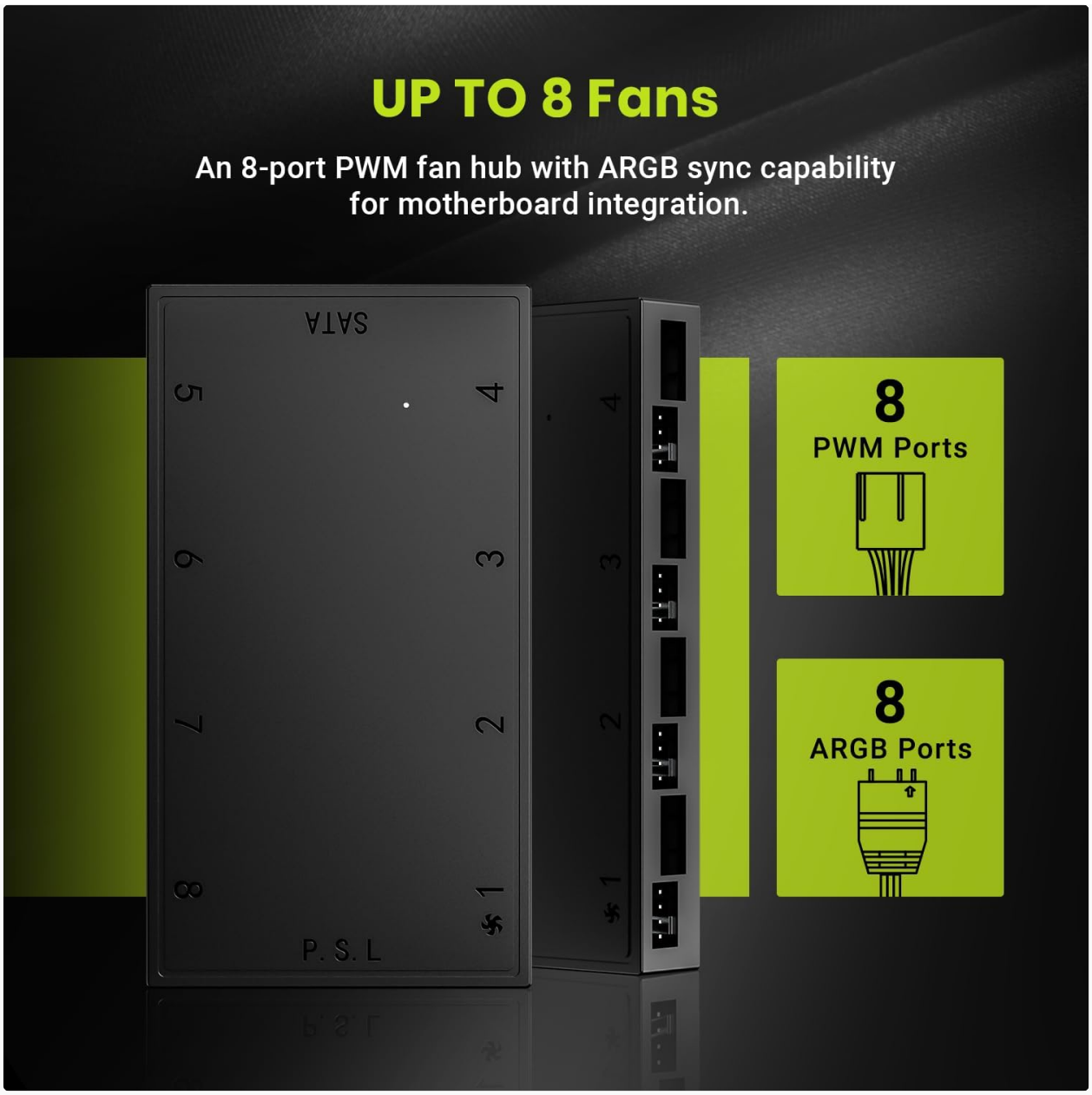

Image: Diagram illustrating the 8 PWM and 8 ARGB ports available on the hub.

4. **Connecting to Motherboard (ARGB Sync):**

   Use the provided 7-pin extension cable to connect the fan hub to your motherboard's ARGB header (typically a 3-pin 5V ARGB header). This allows for motherboard software control of your ARGB lighting.

5. **Power Connection (SATA):**

   Connect the SATA power cable from your PSU to the SATA power input on the fan hub. This provides stable and sufficient power for all connected fans and ARGB devices.

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Video: An overview of the HA-08 Fan Hub, demonstrating its components and connection points for installation.

Operating Instructions

- **Fan Speed Control:**

  The HA-08 Fan Hub allows for simultaneous speed adjustment of all connected 4-pin PWM fans. This control is typically managed through your motherboard's BIOS settings or dedicated fan control software provided by your motherboard manufacturer. Remember, only the fan connected to the "Fan 1" port provides RPM feedback to the system.

Note: 3-pin fans connected to the hub will operate at their maximum RPM as the hub's PWM functionality does not apply to them.

- **ARGB Lighting Synchronization:**

  Once connected to your motherboard's ARGB header, the lighting effects of all connected ARGB devices can be controlled and synchronized using your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, Gigabyte RGB Fusion, ASRock Polychrome Sync). This allows for a unified lighting scheme across your PC components.

Maintenance

- **Dust Removal:** Periodically inspect the fan hub and connected cables for dust accumulation. Use compressed air or a soft brush to gently remove dust to ensure proper airflow and prevent overheating.
- **Cable Integrity:** Ensure all cables connected to the hub are securely seated and free from kinks or damage. Loose connections can lead to intermittent operation.
- **Environmental Conditions:** Operate the fan hub within typical PC case temperatures. Avoid exposing it to extreme heat, cold, or humidity.

Troubleshooting

Problem	Possible Cause	Solution
Fans not spinning or ARGB not lighting up.	No power to the hub; loose connections; incorrect fan/ARGB connection.	◦ Ensure the SATA power cable is securely connected to both the PSU and the fan hub. ◦ Verify all fan and ARGB cables are firmly plugged into the correct ports on the hub. ◦ Check if the PSU is providing power.
Fan speed not adjustable.	3-pin fans connected; motherboard BIOS/software not configured; "Fan 1" not connected.	◦ Confirm that 4-pin PWM fans are being used for speed control. 3-pin fans will run at full speed. ◦ Check your motherboard's BIOS or fan control software settings to ensure PWM control is enabled and configured. ◦ Ensure a 4-pin PWM fan is connected to the "Fan 1" port for system detection.
ARGB lighting not synchronizing with motherboard.	Incorrect ARGB header connection; motherboard software issue.	◦ Ensure the hub's ARGB cable is connected to a 3-pin 5V ARGB header on your motherboard, not a 4-pin 12V RGB header. ◦ Update or reinstall your motherboard's RGB control software. ◦ Restart your system.

Warranty and Support

ID-COOLING products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official ID-COOLING website. If you encounter any issues or require technical assistance, please contact ID-COOLING customer support through their official channels.

Official Website: www.idcooling.com