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AC Infinity MULTIFAN Mini USB Fan Instruction Manual

Model: MULTIFAN Mini

INTRODUCTION

The AC Infinity MULTIFAN Mini is a compact and energy-efficient USB fan designed to provide cooling and ventilation for various electronic devices and DIY projects. Its small size and quiet operation make it suitable for applications such as VR gear, aquariums, routers, Raspberry Pi setups, and more. This manual provides essential information for the proper setup, operation, and maintenance of your MULTIFAN Mini.

PRODUCT OVERVIEW

The MULTIFAN Mini features a durable construction and a multi-speed controller for adjustable airflow and noise levels. It is equipped with dual-ball bearings for extended lifespan and flexible positioning.

QUIET USB FANS

Designed to quietly cool Xboxs, Playstations, Rokus, Apple TVs, receivers, modems, routers, DVRs, computers, and other audio video electronics.



Two MULTIFAN S3 fans shown. May not be the same models as this listing.

Image: The MULTIFAN Mini is designed to quietly cool various electronics such as gaming consoles, streaming devices, and network equipment. Two MULTIFAN S3 fans are shown for illustrative purposes, demonstrating typical application.

Key Features:

- **Compact Design:** Small footprint for versatile placement.
- **Multi-Speed Controller:** Adjust fan speed for optimal balance between airflow and noise.
- **Dual-Ball Bearings:** Ensures a long lifespan (67,000 hours) and allows for horizontal or vertical fan positioning.
- **USB Powered:** Conveniently powers via standard USB ports.
- **Anti-Vibration Feet:** Silicone feet absorb noise and reduce vibration.

ULTRA QUIET

Each fan utilizes a PWM-motor that is engineered to be ultra quiet while delivering high airflow. Dual-ball bearings enable fans to be positioned horizontally.

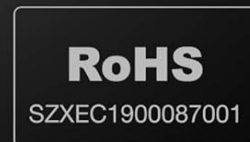
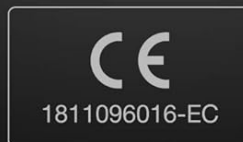
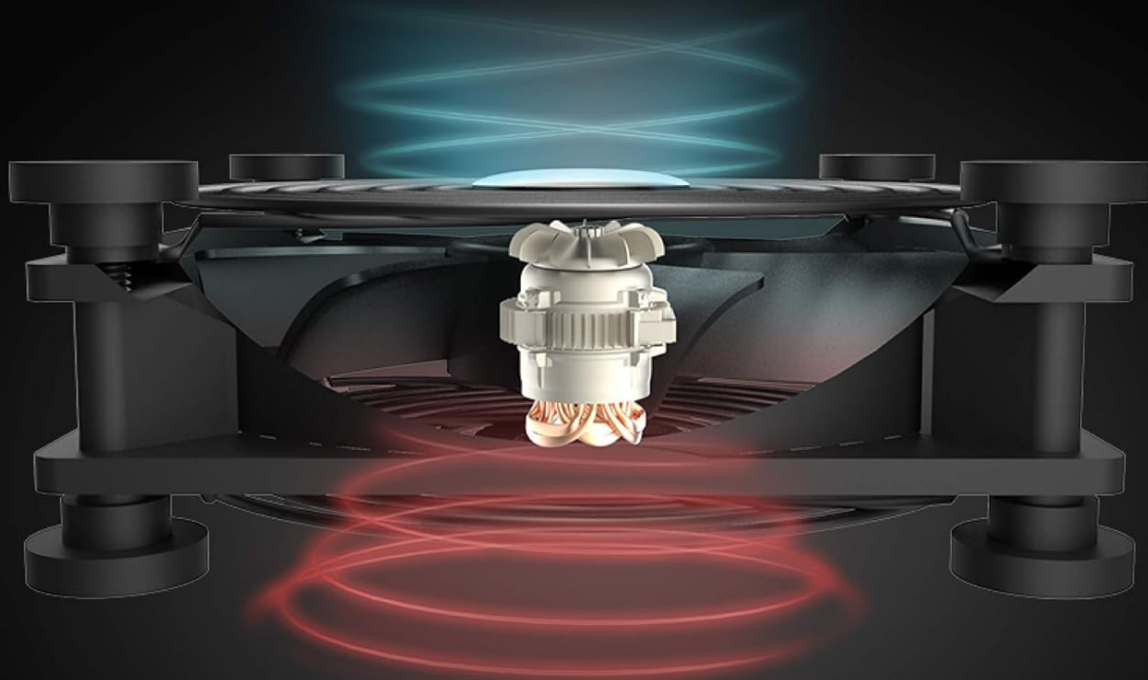


Image: An internal view of the fan, illustrating the PWM motor for quiet operation and dual-ball bearings that allow for flexible mounting positions.

ANTI-VIBRATION FEETS

Features silicone feet designed to absorb noise and surface friction caused by fan vibrations. Unused pieces can be detached to reduce overall height.

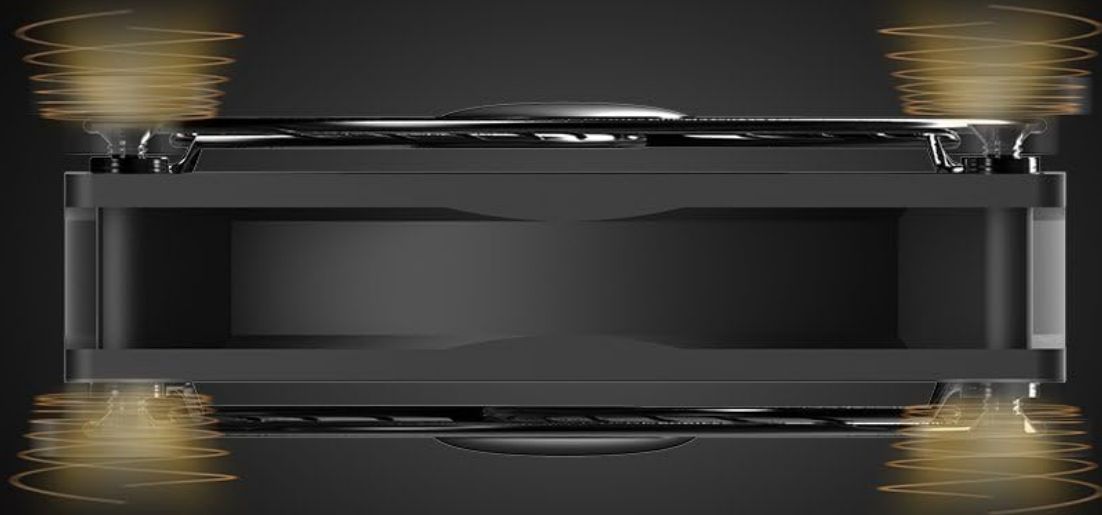


Image: The fan's silicone anti-vibration feet, designed to minimize noise and surface friction. These feet can be removed to reduce the fan's overall height.

SETUP

The MULTIFAN Mini is designed for simple setup. Follow these steps to begin using your fan:

1. **Placement:** Position the fan in the desired location to optimize airflow for your device. The fan can be laid flat or stood upright.
2. **Power Connection:** Connect the USB plug to any available USB port (e.g., on your electronic device, a wall adapter, or a portable power bank).
3. **Cable Management:** Route the cable to avoid interference with other components or moving parts.

MULTIFAN S7 shown for series reference.
May not be the same model as this listing.



Image: An example of fan placement, showing MULTIFAN S7 units (for series reference) on an AV receiver to enhance cooling within an enclosed space.

OPERATING INSTRUCTIONS

The MULTIFAN Mini features an in-line multi-speed controller to adjust its performance.

SPEED CONTROLLER

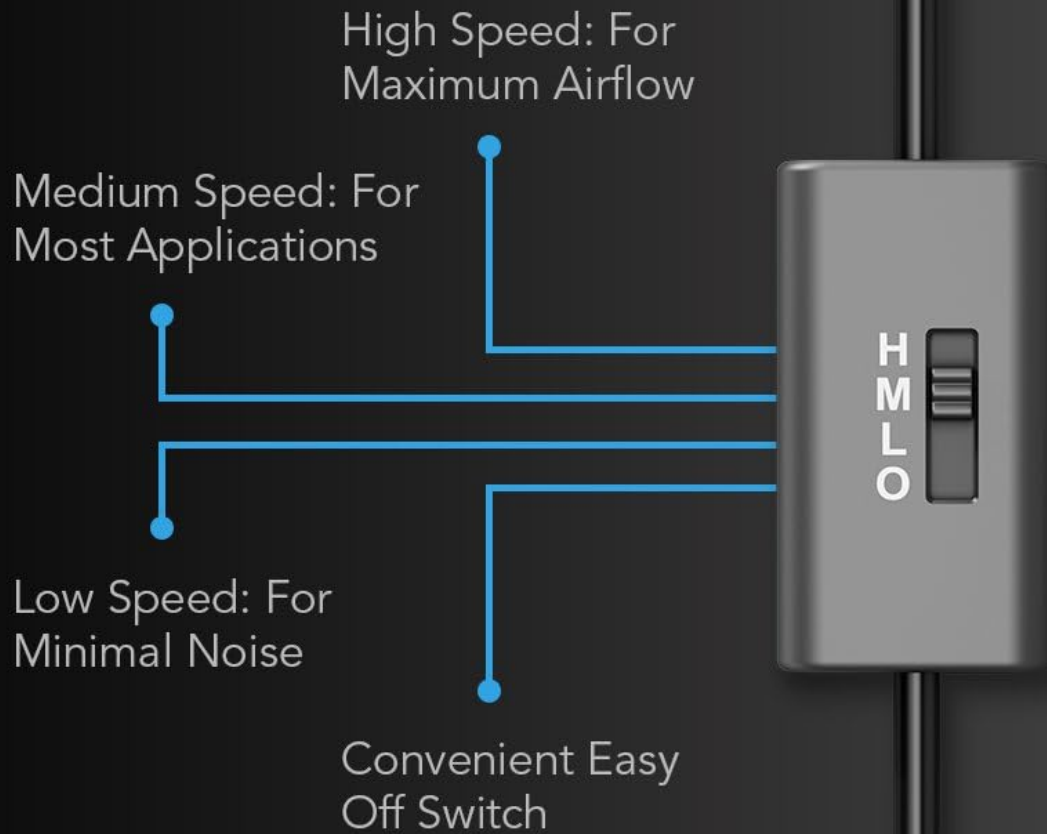


Image: The speed controller, indicating settings for High (maximum airflow), Medium (most applications), Low (minimal noise), and an Off switch.

- **High Speed:** Provides maximum airflow for situations requiring significant cooling.
- **Medium Speed:** Recommended for most general cooling applications, balancing airflow and noise.
- **Low Speed:** Offers minimal noise output, suitable for environments where quiet operation is critical.
- **Off Switch:** Conveniently turns the fan off without unplugging.

MAINTENANCE

To ensure optimal performance and longevity of your MULTIFAN Mini, periodic maintenance is recommended:

- **Cleaning:** Gently clean the fan blades and grille with a soft, dry cloth or compressed air to remove dust buildup. Ensure the fan is unplugged before cleaning.
- **Inspection:** Periodically check the USB cable and fan housing for any signs of damage.
- **Storage:** If storing the fan for an extended period, keep it in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

If you encounter issues with your MULTIFAN Mini, refer to the following common troubleshooting steps:

- **Fan Not Spinning:**

- Ensure the USB cable is securely connected to a powered USB port.
- Check the speed controller is not set to "Off".
- Try connecting the fan to a different USB port or power source.

- **Excessive Noise:**

- Verify the fan is placed on a stable, flat surface.
- Check if the anti-vibration feet are properly installed.
- Reduce the fan speed using the controller.
- Ensure no cables or objects are obstructing the fan blades.

- **Insufficient Airflow:**

- Increase the fan speed using the controller.
- Clear any obstructions around the fan's intake or exhaust.
- Clean any dust buildup on the fan blades or grille.

SPECIFICATIONS

Detailed technical specifications for the AC Infinity MULTIFAN Mini:

SPECIFICATIONS

MODEL | MULTIFAN Mini
SPEED | 6000 RPM
POWER | 0.6 dBA

BEARINGS | Dual Ball
AIRFLOW | 12 CFM
NOISE | 18 dBA



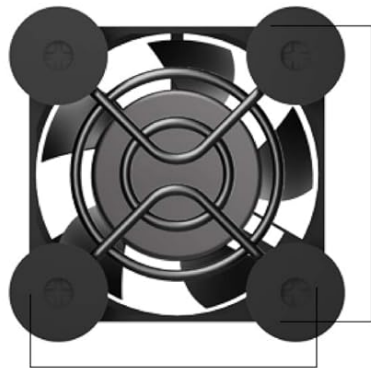
1.7"
(4.5 cm)

1.7" (4.5 cm)



1.7"
(4.5 cm)

0.8" (2.0 cm)
Fan: 0.6" (1.6 cm)



1.6"
(4.0 cm)

1.6" (4.0 cm)

Controller to
USB Length:



4 FT
(51.9")
(132 cm)

Fan to Controller
Cord Length:



2 FT
(25.6")
(65 cm)

Image: Technical specifications and dimensions for the MULTIFAN Mini, including physical size, speed, power, bearing type, airflow, noise level, and cable lengths.

Feature	Specification
Model	MULTIFAN Mini
Dimensions (L x W x H)	1.6 x 1.6 x 0.8 inches (4.0 x 4.0 x 2.0 cm)
Airflow	12 CFM
Noise Level	18 dBA
Bearings	Dual Ball
Maximum Rotational Speed	6000 RPM
Power Source	USB
Voltage	5V DC
Controller to USB Length	4 FT (132 cm)
Fan to Controller Cord Length	2 FT (65 cm)

WARRANTY & SUPPORT

For warranty information and technical support, please refer to the official AC Infinity website or contact their customer service directly. Keep your purchase receipt for warranty claims.

AC Infinity Contact: www.acinfinity.com/contact-us/

