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## AC Infinity FBA\_AI-MPF120A

# AC Infinity MULTIFAN S3 Quiet 120mm USB Fan Instruction Manual

Model: FBA\_AI-MPF120A

## PRODUCT OVERVIEW

The AC Infinity MULTIFAN S3 is an ultra-quiet, UL-certified USB fan engineered to provide efficient cooling for various electronic devices and components. Its design focuses on quiet operation and durability, making it suitable for environments requiring minimal noise.

- **Ultra-Quiet Operation:** Designed to cool various electronics and components with minimal noise output.
- **Multi-Speed Controller:** Features an inline controller to adjust fan speed for optimal noise and airflow balance.
- **Durable Dual-Ball Bearings:** Ensures a long lifespan of 67,000 hours and allows for flexible fan positioning (flat or upright).
- **USB Powered:** Conveniently powers the fan via standard USB ports found on many AV electronics and game consoles.
- **Versatile Application:** Ideal for cooling receivers, DVRs, PlayStation, Xbox, and computer cabinets.

## SETUP INSTRUCTIONS

Follow these steps to properly set up your MULTIFAN S3 for optimal performance.

1. **Placement:** Position the fan on top of or near the electronic device requiring cooling. Ensure the fan's airflow direction is appropriate for your cooling needs (e.g., blowing air onto a hot surface or exhausting hot air from an enclosure). The fan can be laid flat or stood upright due to its dual-ball bearings.
2. **Anti-Vibration Feet:** The fan includes silicone feet designed to absorb noise and surface friction. These feet can be detached to reduce overall height if necessary. To detach, simply unscrew the fan's screws, remove the silicone block, and re-secure the fan guard.
3. **Power Connection:** Plug the fan's USB connector into an available USB port on your device (e.g., receiver, game console, computer) or a standard USB power adapter.
4. **Speed Adjustment:** Use the inline multi-speed controller to select your desired fan speed. Options typically include Low, Medium, and High for varying levels of airflow and noise.

## 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: Two MULTIFAN S3 fans shown cooling electronic devices. Illustrates typical placement for effective cooling.

## ANTI-VIBRATION FEETS

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



Image: Close-up of the fan's anti-vibration silicone feet. These feet help minimize noise and movement.

### OPERATING INSTRUCTIONS

The MULTIFAN S3 is designed for continuous operation. Its simple controls allow for easy adjustment to suit your needs.

1. **Power On/Off:** The fan will power on automatically when connected to a live USB port. To turn off the fan, use the switch on the inline controller or disconnect it from the USB power source.
2. **Adjusting Fan Speed:** Utilize the inline speed controller (labeled H-M-L-O) to select the desired airflow and noise level. 'H' is High speed, 'M' is Medium speed, 'L' is Low speed, and 'O' is Off.
3. **Daisy-Chain Functionality:** If you have multiple MULTIFAN S3 fans, they can be daisy-chained to run off a single USB port, simplifying cable management.

# SPEED CONTROLLER

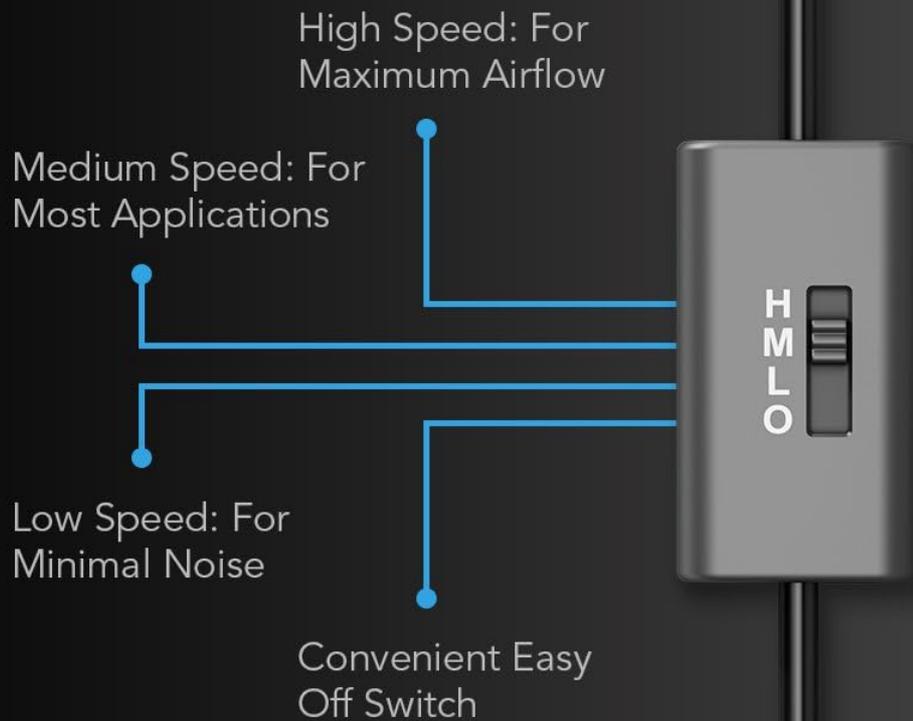


Image: Diagram illustrating the multi-speed controller with High, Medium, Low, and Off settings.

Video: A user demonstrates the AC Infinity MULTIFAN S3 cooling a network rack, highlighting its quiet operation and effectiveness.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your MULTIFAN S3 fan.

- **Cleaning:** Periodically clean the fan blades and housing to prevent dust buildup, which can impede airflow and increase noise. Use a soft, dry cloth or compressed air. Ensure the fan is powered off before cleaning.
- **Bearing Care:** The fan utilizes dual-ball bearings, which are designed for long-term reliability. No lubrication is required. Avoid exposing the fan to excessive moisture or extreme temperatures.
- **Cable Inspection:** Regularly check the USB cable and speed controller for any signs of wear or damage. Replace if necessary to prevent electrical issues.

## 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.

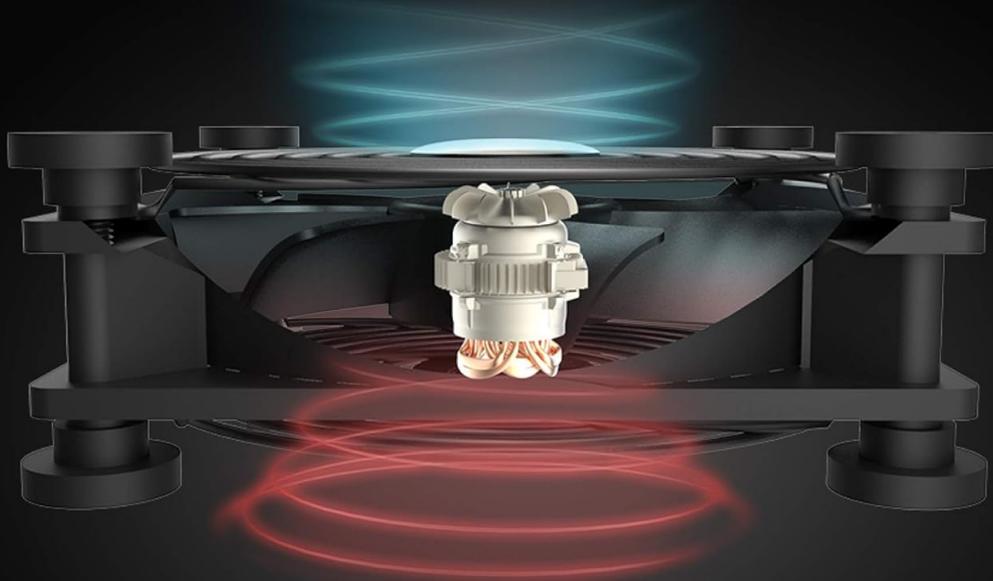


Image: Internal view of the fan, highlighting the ultra-quiet PWM motor and dual-ball bearings.

## TROUBLESHOOTING

If you encounter issues with your MULTIFAN S3, refer to the following common solutions:

- **Fan Not Spinning:** Ensure the USB connector is fully inserted into a powered USB port. Check if the speed controller is set to 'O' (Off) and switch it to 'L', 'M', or 'H'. Try plugging the fan into a different USB port or power adapter to rule out a faulty power source.
- **Excessive Noise:** Verify that the fan is placed on a stable, flat surface. Ensure the silicone feet are properly attached to minimize vibration. Check for any obstructions (e.g., cables, dust) that might be hitting the fan blades. Lower the fan speed using the controller.
- **Insufficient Cooling:** Ensure the fan is positioned to direct airflow effectively. For enclosed cabinets, ensure there is adequate ventilation for hot air to escape. Increase the fan speed using the controller.

Video: A detailed review of the AC Infinity Multifan S3, demonstrating its quiet operation and cooling capabilities for various electronics.

## SPECIFICATIONS

Model	MULTIFAN S3 (FBA_AI-MPF120A)
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<b>Fan Size</b>	4.7 x 4.7 x 1 inches (120mm x 120mm x 25mm)
<b>Airflow</b>	52 CFM (Cubic Feet Per Minute)
<b>Noise Level</b>	18 dBA (Decibels)
<b>Bearings</b>	Dual Ball Bearings (67,000 hours lifespan)
<b>Power Connector</b>	USB
<b>Voltage</b>	5 Volts
<b>Wattage</b>	5 Watts
<b>Maximum Rotational Speed</b>	1300 RPM
<b>Material</b>	Rubber (for feet)

## SPECIFICATIONS

MODEL | MULTIFAN S3 / S7 (per fan)  
 FANS | ACX-FD1225(B)05W5  
 (UL CERT E503903)  
 SPEED | 1300 RPM

BEARINGS | Dual Ball  
 AIRFLOW | 52 CFM  
 NOISE | 18 dBA  
 POWER | 1.6 Watt



4.9"  
(12.4 cm)

4.9" (12.4 cm)



4.9"  
(12.4 cm)

1.8" (4.6 cm)  
 Fan: 1.0" (2.5 cm)



4.7"  
(12.0 cm)

4.7" (12.0 cm)

Controller to  
USB Length:



4 FT  
(51.9")  
(132 cm)

Fan to Controller  
Cord Length:



2 FT  
(27.1")  
(69 cm)

Image: Detailed diagram showing the dimensions and key specifications of the MULTIFAN S3.

## WARRANTY AND SUPPORT

AC Infinity is committed to product quality and customer satisfaction. For warranty information or technical support, please refer to the official AC Infinity website or contact their customer service directly.

AC Infinity specializes in environmental controls for audio/video and HVAC systems, focusing on developing dependable products with excellent service.

For further assistance, visit the [AC Infinity Store on Amazon](#).