

[Manuals.plus](#) /

› [Moman](#) /

› Moman FS04A Camera Cooling Fan Instruction Manual

Moman FS04A

Moman FS04A Camera Cooling Fan Instruction Manual

Model: FS04A

1. INTRODUCTION

The Moman FS04A Camera Cooling Fan is a semiconductor cooler system designed to prevent camera overheating during extended use, such as live broadcasts, 4K footage recording, and long video sessions. Its compact and lightweight design, combined with an efficient cooling system, helps maintain optimal camera operating temperatures.



Figure 1: Moman FS04A Camera Cooling Fan highlighting its compact dimensions (70x50x21mm) and 114g weight, made from aluminum alloy for efficient heat dissipation.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Moman FS04A Camera Cooling Fan x 1
- 2M USB-Type-C Power Cable x 1
- Mounting Clips x 4



Figure 2: Contents of the Moman FS04A package, including the cooling fan, USB-C power cable, and four mounting clips.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Semiconductor Cooling System:** Utilizes advanced semiconductor refrigeration for efficient cooling.
- **Low Noise Operation:** Operates at a low noise level of 26dB, minimizing audio interference.
- **Adjustable Temperature:** Allows temperature adjustment between 12°C and 30°C (53.6°F and 86°F).
- **Display Screen:** Integrated screen shows the current cooling temperature.
- **USB-Type-C Power:** Powered via USB-Type-C for continuous operation.
- **Compact and Lightweight:** Made from aluminum alloy, measuring 70x50x21mm and weighing 114g.
- **Wide Compatibility:** Includes 4 mounting clips for various camera models with flipping screens.

3.2 Cooling System and Noise Level

The FS04A employs a semiconductor cooling system to actively reduce camera temperature. Its design focuses on minimizing operational noise, rated at 26dB, which is comparable to a whisper, ensuring minimal impact on audio recording.

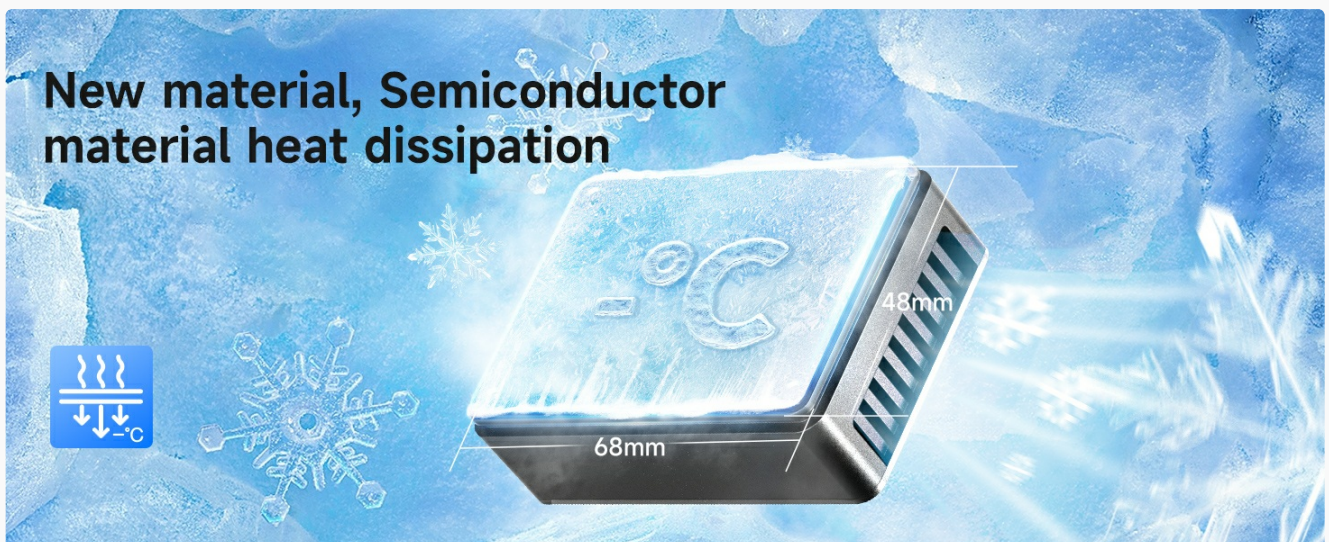


Figure 3: Illustration of the FS04A's semiconductor cooling system and its quiet operation at 26dB.

3.3 Temperature Control and Display

The device features an adjustable cooling temperature range from 12°C to 30°C. The integrated display screen provides real-time feedback on the set cooling temperature, allowing users to monitor and adjust as needed for different shooting environments.



Figure 4: The FS04A's display screen showing the cooling temperature and the adjustable range.

4. SETUP

4.1 Camera Compatibility

The Moman FS04A is compatible with various camera models featuring a flipping screen. Please ensure your camera model is listed below or has similar dimensions for proper fitment:

- Sony: A7M4, ZV-E1, A6700, A7C2, ZV-E10, ZV1, A7C, FX3
- Canon: 70D, R6, R7
- Fujifilm: X-T4, XS10



Figure 5: Visual guide to camera compatibility and the four mounting clips.

4.2 Installation Steps

Follow these steps to attach the cooling fan to your camera:

1. Select the appropriate mounting clips for your camera model.
2. Attach the clips to the Moman FS04A cooling fan.
3. Open your camera's flipping screen.
4. Carefully slide the cooling fan with clips onto the camera body, ensuring it is securely fastened and does not obstruct the screen or controls.



Figure 6: Step-by-step installation process for the Moman FS04A.

5. OPERATING INSTRUCTIONS

5.1 Powering the Device

Connect the provided USB-Type-C power cable to the fan's Type-C port and to a suitable power source, such as a power bank, V-Mount battery, or a USB-A port on your camera (if available). The fan is designed for continuous operation when connected to power.

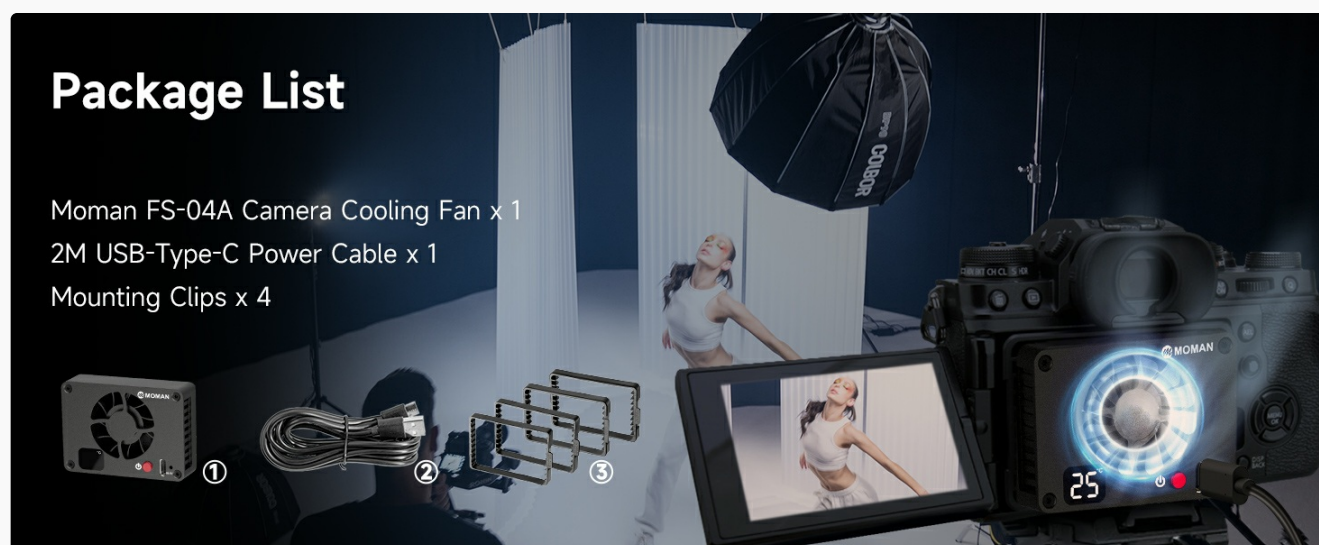


Figure 7: The FS04A powered by a USB-Type-C cable.

5.2 Adjusting Cooling Temperature

Use the control buttons on the device to adjust the cooling temperature within the 12°C to 30°C range. The current temperature setting will be displayed on the screen. Adjust the temperature based on ambient conditions and camera heat output.

5.3 Usage Scenarios

The Moman FS04A is ideal for situations where camera overheating is a concern:

- **Outdoor Shooting:** Especially in direct sunlight or warm climates.
- **Long Recording Sessions:** For extended video shoots or interviews.
- **Live Streaming:** To maintain stable performance during prolonged broadcasts.

- **High-Resolution Recording:** When capturing 4K or higher resolution footage, which generates more heat.



Figure 8: Examples of usage scenarios for the FS04A cooling fan.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Moman FS04A Camera Cooling Fan, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the fan with a soft, dry cloth to remove dust and debris. Ensure the fan blades and vents are clear of obstructions. Do not use liquid cleaners directly on the device.
- **Storage:** When not in use, store the fan in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the USB-Type-C cable excessively to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your Moman FS04A, refer to the following common problems and solutions:

- **Fan Not Turning On:**
 - Ensure the USB-Type-C cable is securely connected to both the fan and the power source.
 - Verify that the power source is active and providing sufficient power (5V).
 - Try a different USB-Type-C cable or power source to rule out cable/power supply issues.
- **Insufficient Cooling:**
 - Check that the fan's vents are not obstructed.
 - Ensure the fan is properly attached to the camera, with good contact for heat transfer.
 - Adjust the cooling temperature setting to a lower value if ambient conditions are very warm.
- **Excessive Fan Noise:**
 - While the fan is designed for low noise (26dB), external microphones may still pick up some sound. Consider using an external microphone placed further from the fan.
 - Ensure no foreign objects are interfering with the fan blades.
- **Display Screen Not Working or Incorrect Readings:**
 - Restart the device by disconnecting and reconnecting the power.
 - Note that the screen displays the fan's cooling temperature, not the camera's internal temperature.

8. SPECIFICATIONS

Feature	Specification
Model	FS04A
Cooling Method	Semiconductor Refrigeration
Noise Level	26 dB
Adjustable Temperature Range	12°C - 30°C (53.6°F - 86°F)
Power Input	USB-Type-C, 5V, 5W
Material	Aluminum Alloy
Product Dimensions (L x W x H)	70 x 50 x 21 mm (2.76 x 1.97 x 0.83 inches)
Weight	114 g (0.25 lbs)
Compatible Devices	Cameras with flipping screens (e.g., Sony A7M4/ZV-E1/A6700/A7C2/70D/ZV-E10/ZV1/A7C/FX3/R6/R7/X-T4/XS10)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Moman FS04A Camera Cooling Fan comes with a **365-day warranty** from the date of purchase. This warranty covers manufacturing defects and ensures product quality. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any technical assistance, troubleshooting, or warranty inquiries, please contact our local language service team. We aim to reply within 24 hours on working days and provide solutions until you are satisfied. Contact information can typically be found on our official website or the product packaging.



Figure 9: Moman's commitment to customer support and product warranty.



