

## Atomos ATOMNJXXX

# Atomos Ninja 5.2" 4K HDMI Recording Monitor User Manual

Model: ATOMNJXXX

## 1. OVERVIEW

The Atomos Ninja 5.2" 4K HDMI Recording Monitor is a lightweight, tough, and reliable device designed to enhance your video production workflow. It features a new, modern interface and is compatible with a wide range of HDMI-output cameras. This monitor allows for high-resolution recording and offers advanced monitoring tools to ensure optimal image quality.



Image: The Atomos Ninja monitor showcasing vibrant underwater coral reef footage, demonstrating its display capabilities.

## 2. KEY FEATURES

- **High-Resolution Recording:** Record up to 4Kp60 in Apple ProRes, Avid DNxHD, and H.265 (HEVC). Supports up to 6Kp30 in Apple ProRes RAW.
- **Advanced Operating System:** Features the new AtomOS 11 for improved memory management, boosted responsiveness, and new functionalities.
- **Remote Viewing:** Share your Atomos screen content with other Atomos Connect users, Shogun Connect, iPads, Macs, and Apple TVs wirelessly via Atomos RemoteView.
- **Workflow Efficiency:** Utilize new tools like RecordAssist and PlayBackAssist for advanced recording and playback scheduling.
- **Durable Design:** A lightweight, tough, and reliable device with a clean and modern interface.

### 3. SETUP

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Follow these steps to set up your Atomos Ninja monitor:

1. **Power Connection:** Insert a compatible 12V battery into the battery slot on the back of the monitor. Alternatively, connect the monitor to an external power source using the appropriate power adapter.
2. **HDMI Input:** Connect your camera's HDMI output to the HDMI IN port on the side of the Atomos Ninja using a high-quality HDMI cable.
3. **HDMI Output (Optional):** If you wish to monitor your footage on a larger display, connect an external monitor to the HDMI OUT port.
4. **Storage:** Insert a compatible SSD into the drive slot for recording. Ensure the SSD is properly formatted by the monitor for optimal performance.
5. **Audio/Remote Connections:** Use the MIC/LINE, Headphone, and REMOTE ports on the side for audio input, monitoring, and remote control functionalities as needed.



# NINJA

4K HDR-Recording  
für kreative Profis!



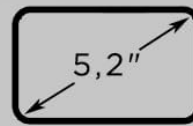
4K H.265  
Recording



1920x1080  
Auflösung



1000nit  
HDR



5,2-inch  
Screen  
Diagonal



battery  
life up to  
2h

Image: Front view of the Atomos Ninja monitor, showing the display and control interface.



*Image: Side view of the Atomos Ninja monitor, highlighting the HDMI input and output ports.*



Image: Back view of the Atomos Ninja monitor, showing the battery plate and ventilation.

## 4. OPERATING INSTRUCTIONS

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The Atomos Ninja operates on AtomOS 11, providing an intuitive and responsive user experience. Here are key operational aspects:

### 4.1 Recording and Codecs

The monitor supports various recording formats and resolutions:

- Record up to 4Kp60 in Apple ProRes, Avid DNxHD, and H.265 (HEVC).
- Capture up to 6Kp30 in Apple ProRes RAW for maximum flexibility in post-production.

### 4.2 Monitoring Tools

AtomOS 11 includes enhanced monitoring tools to help you achieve perfect exposure and focus. These tools are designed to provide critical visual feedback during shooting.

### 4.3 RemoteView and Workflow Features

Leverage the connectivity features of your Atomos Ninja:

- **RemoteView:** Share your monitor's screen with collaborators or clients remotely across various devices.
- **RecordAssist & PlayBackAssist:** Pre-arrange recording and playback schedules for streamlined production.

### 4.4 Visualizing Output Quality

The Atomos Ninja provides a clear and accurate representation of your camera's output. Below is a video demonstrating the picture quality when connected to a gaming console, showcasing the monitor's capabilities.

*Video: A comparison of picture quality between a Sony PS5 output and the Atomos Ninja monitor. This demonstrates the monitor's ability to display high-fidelity video signals.*

## 5. MAINTENANCE

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To ensure the longevity and optimal performance of your Atomos Ninja, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the screen and body of the monitor with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Firmware Updates:** Keep your AtomOS 11 firmware updated to access the latest features, improvements, and bug fixes. Check the official Atomos website for new releases.
- **Storage Care:** Handle SSDs carefully. Ensure they are properly ejected before removal to prevent data corruption.

## 6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Monitor Runs Hot:** It is normal for the monitor to generate heat during extended use, especially when recording 4K or 6K footage. Ensure adequate ventilation around the device.
- **Battery Drains Quickly:** High-resolution recording and bright screen settings consume significant power. Use fully charged NPF batteries or connect to an external power source for longer sessions.
- **No Input Signal:** Verify that your HDMI cable is securely connected to both the camera and the monitor. Check your camera's output settings to ensure it's sending a compatible signal.
- **SSD Not Recognized:** If an SSD is not detected, try re-inserting it. If the issue persists, navigate to the STORAGE menu on the monitor and attempt to format the drive. Note that formatting will erase all data on the SSD.
- **Unwanted Focus Point Recorded:** Ensure that any on-screen display elements, such as focus peaking or guides, are disabled if you do not wish them to be part of the recorded footage.

## 7. SPECIFICATIONS

| Feature            | Detail                                    |
|--------------------|---|
| Brand              | Atomos                                    |
| Model Number       | ATOMNJXXX                                 |
| Screen Size        | 5.2 Inches                                |
| Resolution         | FHD 1080p                                 |
| Aspect Ratio       | 4:3                                       |
| Item Weight        | 7.4 ounces                                |
| Product Dimensions | 5.94 x 1.22 x 3.6 inches                  |
| Special Features   | 4K recording and better memory management |
| Batteries Required | 1 12V battery (not included)              |


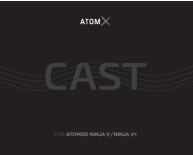

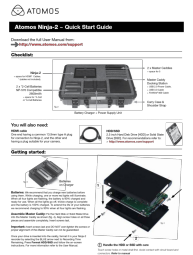


## 8. WARRANTY & SUPPORT

For detailed warranty information and technical support, please refer to the official Atomos website or contact

their customer service.

- **Protection Plans:** Extended protection plans are available for purchase, such as a 4-Year Protection Plan or Complete Protect monthly plans. Refer to your retailer for details.
- **Online Resources:** Visit the [Atomos Store](#) for additional product information and support.

## Related Documents - ATOMNJXXX

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|---|--|
|    | <p><a href="#">Atomos Ninja Quick Start Guide</a></p> <p>Get started with your Atomos Ninja 4K monitor/recorder. This guide covers safety instructions, setup, hardware features, warranty information, and the software license agreement.</p>  |
|    | <p><a href="#">AtomX CAST: HDMI Switcher &amp; Streaming Dock for Atomos Ninja V/V+</a></p> <p>Transform your Atomos Ninja V/V+ into a 4-input HDMI switcher and streaming dock with the AtomX CAST. Learn about setup, features, safety, and warranty.</p>  |
|    | <p><a href="#">Atomos Ninja Quick Start Guide - Setup and Operation</a></p> <p>Get started quickly with the Atomos Ninja, a professional video recorder and monitor. This guide covers setup, safety precautions, part descriptions, warranty information, and software license details.</p>             |
|  | <p><a href="#">Atomos Ninja-2 Quick Start Guide</a></p> <p>A concise guide to setting up and operating the Atomos Ninja-2 professional video recorder, covering checklist, connections, basic controls, recording, monitoring, and playback features.</p>  |
|  | <p><a href="#">AtomX CAST Quickstart Guide and Warranty Information</a></p> <p>This document provides safety instructions, warranty conditions, and a software license agreement for the AtomX CAST, a device that transforms the Atomos Ninja V/V+ into a 4-input HDMI video switcher and streamer.</p> |
|  | <p><a href="#">Atomos Ninja V+ Quick Start Guide</a></p> <p>Comprehensive guide to setting up and using the Atomos Ninja V+ professional video monitor and recorder, covering features, connectivity, safety, and warranty information.</p>  |