

NINJA RAW

Let's get started



ATOMOS

Introduction

Thank you for purchasing the Atomos Ninja RAW. Experience unmatched flexibility thanks to its integrated CFexpress Type B slot, built-in HDMI 2.0 input and output, 3 USB-C ports, and Apple ProRes, ProRes RAW recording capability. The daylight-viewable 1500nit screen allows you to confidently frame and monitor your shots in the studio and on location. Please take the time to read through this Quick Start Guide and register your product at www.atomos.com for extended warranty and free access to **ATOMOSphere**, your personal cloud solution for storing, managing and sharing your media files.

Notifications



USA WARNING: This product contains the chemical lead (Pb) which is known to the State of California to cause cancer. For more information, visit p65warnings.ca.gov

Safety Instructions

Ninja RAW is designed to a high standard, but there are some things you should be aware of for your own safety, and that will prolong the life of the device.

Using Ninja RAW safely

Although Ninja RAW is very lightweight compared to all the devices it replaces, it is still a solid object that could cause injury if misused.

- Always make sure that your Ninja RAW is mounted securely. This is especially important when there are children present who might be tempted to pull on cables.
- Always ensure that cables connected to the Ninja RAW are clearly visible and do not present a trip hazard.
- Do not place on uneven or unstable surfaces.
- Do not insert anything other than a CFexpress Type B card into the drive slot on the rear of the device.
- Do not obstruct or cover ventilation holes.
- Do not touch the Ninja RAW screen with sharp, metallic or abrasive objects.
- Do not expose it to strong electrical or magnetic fields.
- Do not expose it to liquids, rain or moisture.
- Do not dispose of the Ninja RAW in municipal waste and do not incinerate it. Always follow local regulations for safe disposal.

What's in the box

- ✔ 1 x Ninja RAW monitor-recorder
- ✔ 1 x USB-C locking cable (45cm)
- ✔ 1 x USB-C locking cable adaptor
- ✔ 1 x HDMI locking cable adaptor
- ✔ Quick Start Guide

You will also need (sold separately)

HDMI Cable & Other Accessories

Atomos has a range of HDMI cables with die cast connectors and coiled cables in a range of lengths and connection types, including locking cables, as well as many other accessories at www.atomos.com/shop.

Connect and Power-up

Battery

Ninja RAW has a single NP-F battery slot. To connect a compatible battery, place the battery in front of the retaining lug, align with the connectors and slide the battery into the lock position.

! We recommend using **Atomos NP-F series batteries**.

Touching the battery icon in the top right of your screen will allow you to accurately see remaining battery life.

USB-C PD Power

Power the monitor via USB PD with a USB AC adaptor or power bank.

Battery Eliminator

To connect a Battery Eliminator (sold separately – ATOMBES001), follow the same procedure and lock it into position. Once the Battery Eliminator is in place, attach the Atomos AC power adaptor (sold separately – ATOMPWR012).

D-TAP

Alternatively, Ninja RAW can also be powered by a compatible D-Tap power source by using the D-Tap battery cable (sold separately – ATOMDTPCB2) connected to Battery Eliminator (sold separately – ATOMBES001).

Hardware Features

A. ON/OFF + Screen Lock

To turn Ninja RAW on, press the power button on the side of the unit. To shut down, hold the button for at least 4 seconds (until unit turns off).

B. Mic/Line Input

3.5mm input jack, used to connect Microphone or Line audio sources.

C. Headphone/Analog Output

3.5mm jack used to connect headphones & outputting analog audio.

D. Remote Control/LANC and Calibration

The Ninja RAW screen can be calibrated using a third-party probe, for example the Calibrite Display Pro HL. To connect it you will need a USB to serial cable (sold separately – ATOMCAB004). The port can also be used for remote camera control of a Z CAM E2 camera using the optional USB-C to serial cable (ATOMCAB018).

E. CFexpress Slot

For supported CFexpress Type B media, visit [amos.com/ninja-tx-certified](https://www.amos.com/ninja-tx-certified)

F. Tally Light

The red tally light on the rear of the unit indicates active recording. The tally light can be turned off in the menu options.

G. HDMI 2.0 In/Out

The HDMI 2.0 input connection used to record to Ninja RAW supports up to 4Kp60 video. The HDMI output connection provides a live loop out or play-out when in playback mode up to 4Kp60 video.

H. USB-C Ports

USB-C ports can be used for the control of supported cameras or to attach storage media. Please visit [amos.com/camera-control](https://www.amos.com/camera-control) for supported cameras and [amos.com/ninja-tx-certified](https://www.amos.com/ninja-tx-certified) for supported devices.

I. 45W USB-C PD

Power the monitor via USB PD with a USB AC adaptor or power bank.

J. Battery Slot

Attach NP-F / L-Series type batteries to supply power in the field.

K. Battery Release

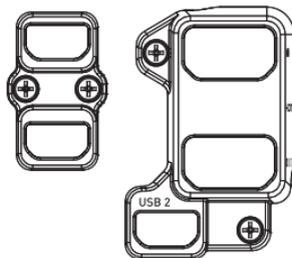
Press and slide the battery away from unit to remove.

L. Screw Mounts + Locking Pin Holes

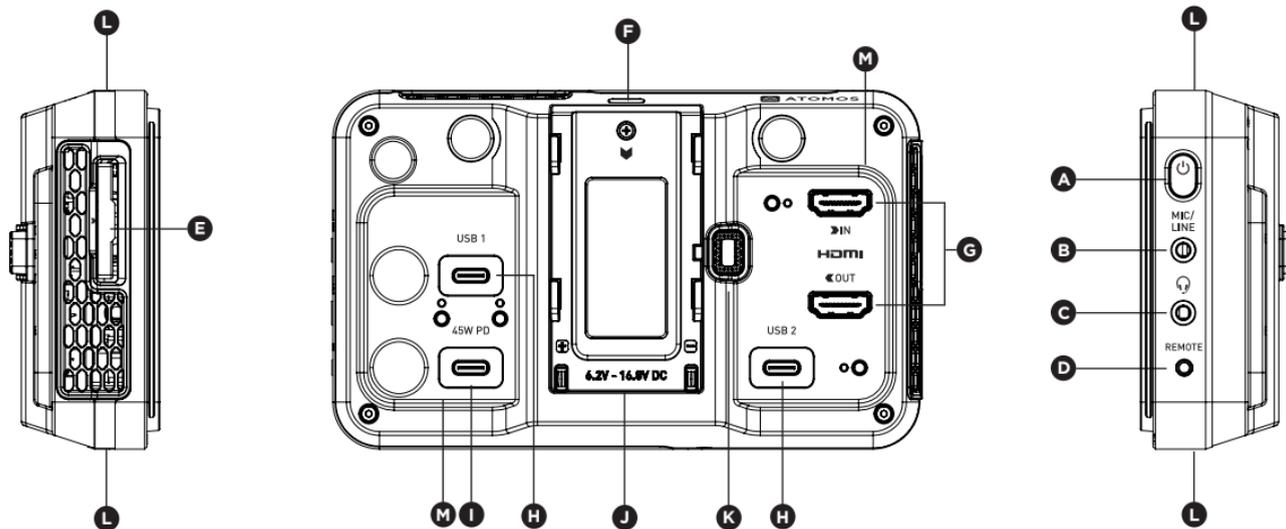
3/8" screw hole with 1/4" adapter. Top and bottom.

M. Removable Locking Cable Adaptors

Atomos locking cables can be used with the two included removable locking cable adaptors to ensure a secure attachment of HDMI and USB-C cables.



Hardware Features



Warranty & Conditions

Notice

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International Hardware Limited Warranty

Atomos warrants that:

- The main product, not including the IPS screen, or any external accessories, will be free from defects in materials and workmanship for a period of TWO years from the date of purchase; *provided that the product is registered within three months of the date of purchase at www.atomos.com.*
- The LCD touchscreen will be free from defects in materials and workmanship for a period of ONE year from the date of purchase, regardless of registration. This warranty is exclusively for the benefit of the original purchaser and is not assignable or transferable.

If during the warranty period the product is shown to be defective Atomos may, at its discretion:

- a) replace the goods or supply equivalent, or
- b) pay the cost of replacing the goods or of acquiring equivalent. The customer must notify Atomos of any defect in the goods in writing prior to the expiry of the warranty periods set out above. The customer will be solely responsible for returning the goods to Atomos or its authorized distributor. Upon acceptance of a warranty claim by Atomos, where Atomos replaces

the goods, it will be responsible for reasonable shipping costs incurred in sending the goods to the Customer, provided that customer is located in a country in which Atomos has an authorized distributor or agent.

Warranty Exclusions

This warranty does not cover defects caused by:

- Failure to comply with the operating instructions issued by Atomos
- Neglect
- Improper or negligent acts or omissions
- Unauthorized repairs or attempted repairs
- Tampering with, or modification of, the goods
- Connection to incompatible equipment or power sources
- Exposure to water or inclement weather
- Exposure to magnetic fields or corrosive liquids or substances

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Device Registration

Activate codecs/features for registered products, learn from tutorials and download user manuals and firmware updates.

my.atomos.com

ATOMOSphere

Your personal cloud solution for storing, managing and sharing your media files.

atomosphere.com

Support

If you experience any issues using Ninja RAW, or have an unanswered question don't hesitate to reach out.

atomos.com/support

Further Information

Scanning the QR code takes you to the FAQ page on our website where you can read up on the products documentation.



For more information
about your product visit
atomos.com/support