

# NINJA

QUICK START GUIDE

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# Introduction

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Thank you for purchasing the Atomos Ninja V, utilising professional HDMI 2.0 connectivity to record professional 4Kp60 and High frame rate HD to Apple ProRes and Avid DNxHR. The class leading AtomHDR monitor lets you visualize 10+ stops of dynamic range, with 1000nit brightness for daylight viewing and 10-bit processing for smooth gradations. With so many Recorder, Monitor, Playback & Edit features, please take the time to read through this Quick Start Guide and register your product for free updates and extended warranty.



## DOWNLOAD THE FULL NINJA V USER MANUAL

[www.atomos.com/support](http://www.atomos.com/support)



## ACTIVATE AVID LICENSE FOR DNxHD® and DNxHR®

[www.atomos.com/activation](http://www.atomos.com/activation)



## EXTENDED 3 YR WARRANTY

Register now to extend your warranty to **3 years** from date of purchase.

[www.atomos.com/registration](http://www.atomos.com/registration)

# Checklist

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- 1 x Ninja V Recorder**
- 1 x Master Caddy II**
- 1 x AC Power Adaptor**
- 1 x Battery Eliminator**
- 1 x Quick Start Guide**

## You will also need (sold separately)

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### HDMI Cable

To support 4Kp60 recording please use cables that support HDMI 2.0 specification. Atomos have a range of 4Kp60 cables with die cast connectors and coiled cables in a range of lengths and connections (sold separately). See the full range of Atomos HDMI cables on our website: [www.atomos.com/hdmi-cables](http://www.atomos.com/hdmi-cables)

### SSD Drives and Docking Station

We test and approve SSD drives from the world's leading media brands. There are specific approved drives depending on the resolution and frame rate you are capturing - for the full list of compatible drives please refer to: [www.atomos.com/drives](http://www.atomos.com/drives)

We also have a range of Docking Stations suitable for use with Ninja V and compatible SSD media. Visit your nearest reseller or purchase online at: [shop.atomos.com](http://shop.atomos.com)

# Getting started

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## Battery

You can power the device using the supplied AC power supply and Battery Eliminator, but if you plan to use a battery we recommend you fully charge before use.

## Choosing the right battery for your application

Size	Cells	Battery Life	Function
5200mAh	4	Up to 2.0hrs	monitor & record 4Kp60
7800mAh	6	Up to 3.0hrs	monitor & record 4Kp60

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

## Connect SSD

Before powering up the Ninja V unit, simply slide your selected disk into disk slot (see page 7). To remove, ensure the unit is off and gently slide out. We strongly recommend SSD for optimal performance and recording.

**IMPORTANT: Never remove the SSD whilst recording as this may cause data corruption.**

## Introducing AtomX SSDmini

Atomos has teamed with the world's leading media manufacturers to design SSD media that is better suited to our ever evolving Recorder Monitors.

The new AtomX SSDmini is a little over 1/4 inch tall and 3" long. It is also 20% shorter than traditional SSDs, yet keeps the standard SATA III connector. It is backward compatible with previous Atomos devices by adding a clever extension handle. These tiny, slimline SSDs are a true innovation and our close drive partners **Angelbird** and **Sony Storage Media Solutions Corporation** are making custom versions for your Ninja!

For more information about supported drives and accessories, visit: [www.atomos.com/drives](http://www.atomos.com/drives)

# Connect and power-up

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## Battery

Ninja V has a single 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.

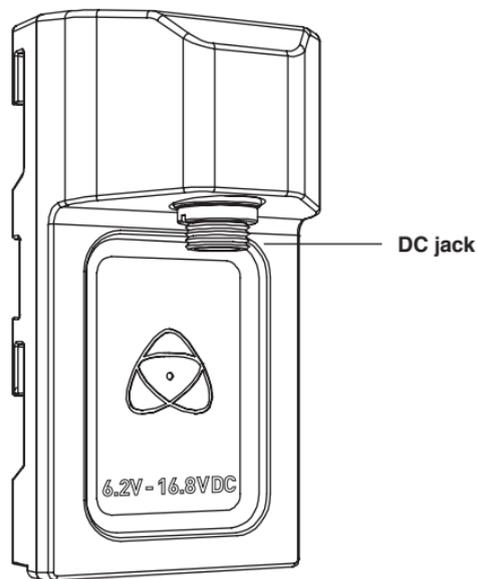
To connect the supplied Battery Eliminator, follow the same procedure and lock battery into position. Once the Battery Eliminator is in place, secure the supplied AC/DC power supply to the DC jack. Alternatively, the Ninja V unit can be powered via a D-Tap power source using D-Tap battery cable (ATOMDTPCB1).

Touching the Battery icon in the top right of your screen will allow you to accurately see remaining battery life. Refer to the User Manual for more information.

## Expansion Port

The Ninja V features a built in Expansion Port that will soon enable

- Synchronization control
  - I/O Expansion
  - Continuous Power Module
- (See page 7)



**Supplied Battery Eliminator**

P/N: ATOMDCA001

# Physical features

## a. On/Off and Screen Lock

To turn the Ninja V 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. Remote Control/LANC and Calibration

Optionally control the Ninja V using LANC/Remote from your camera.  
Additionally, the Ninja V screen can be calibrated using the X-Rite i1Display Pro. To connect you will need a USB to serial cable. Refer to the AtomX accessory range. USB to serial cable (ATOMCAB004).

## c. HDMI In/Out

HDMI input connection used to record to the Ninja V supports up to 4Kp60. HDMI Output connection provides a live loop out or play out when in Playback mode. Supports up to 4Kp60.

## d. Battery Release Button

Press the release button and slide battery away from unit to remove.

## e. Tally Light

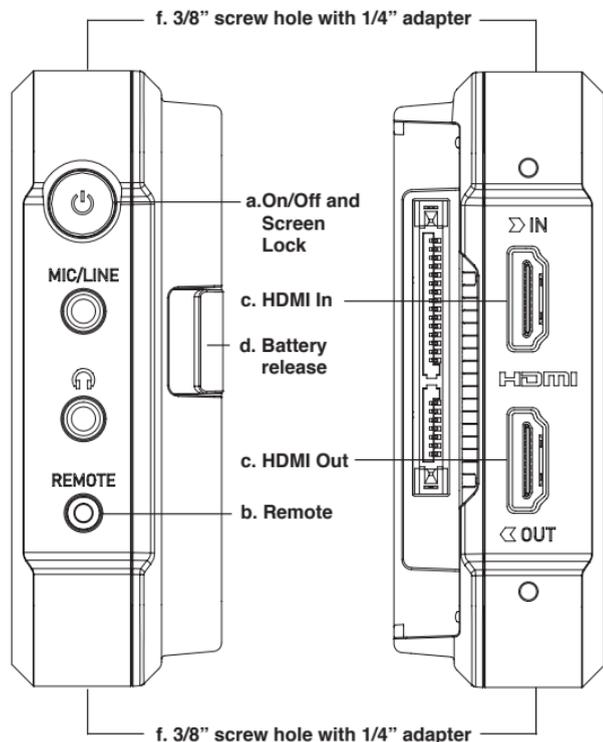
Red Tally light on the rear of the unit indicates active recording.  
The Tally Light can be turned off in the menu options.

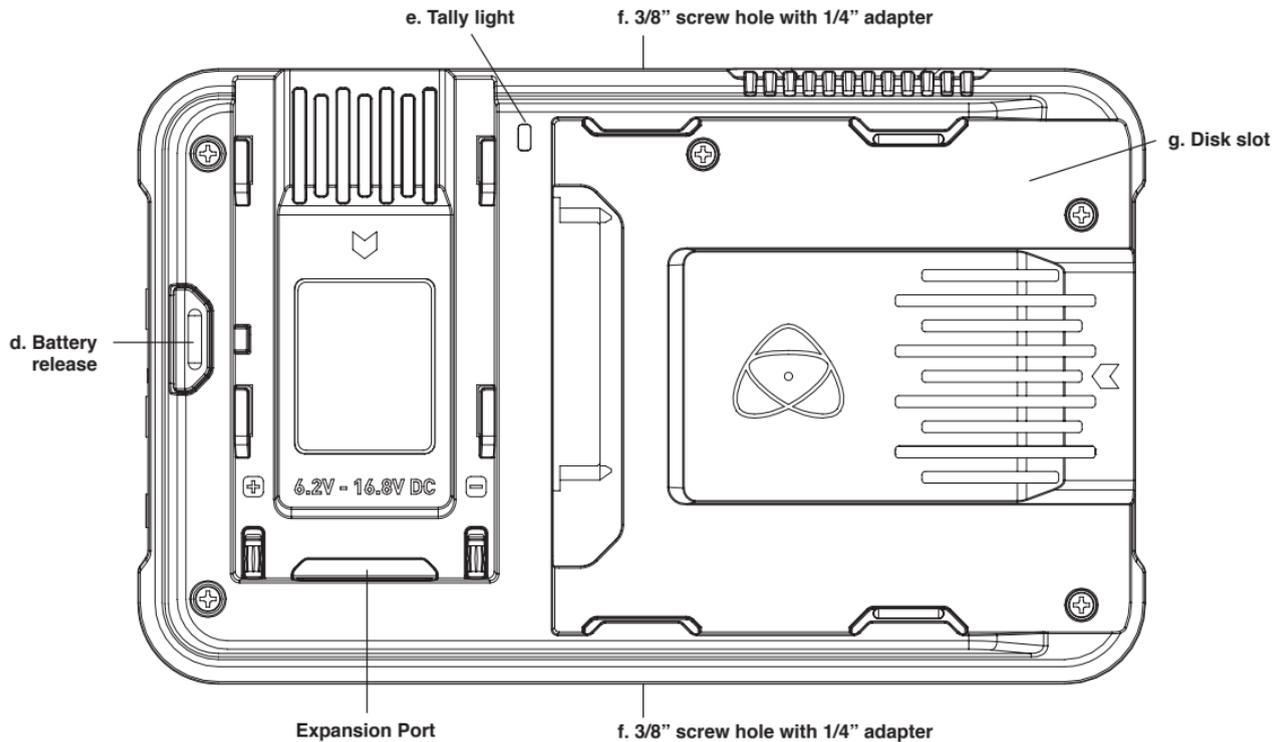
## f. Screw Holes / Mounts + Locking Pin Holes (Arri)

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

## g. Disk Slot

The NinjaV is compatible with Master Caddy II media and also the latest AtomX SSDmini.



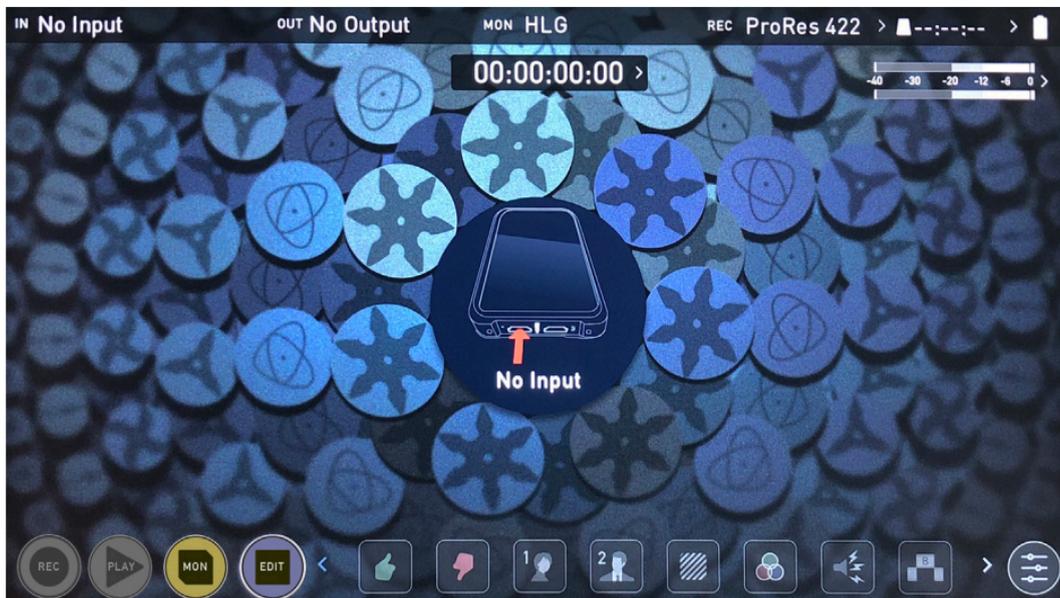


# Touchscreen / User Interface

## Main controls

The Ninja V is controlled by a simple user-friendly touchscreen interface. Pictured below is the home screen and main controls seen when the Ninja V is first powered up. Touching the icons will open menus for the relevant functions. Touch the settings icon located on

bottom right to access more menus, or touch individual icons for specific settings such as timecode, audio, remaining disk space and more. For the most up-to-date information visit: [atomos.com/ninjav](http://atomos.com/ninjav) and click SUPPORT tab



# Connect and Edit

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## To access and edit your recorded material

You will require a USB 3.0 Docking Station or USB-C 3.1 Docking Station.

These are available from your reseller, or visit [shop.atomos.com](https://shop.atomos.com) to purchase the Docking Station that is best suited to your requirements.

Connect the Docking Station to a Mac® or Windows® editing workstation via USB 2.0 / USB 3.0 / USB-C 3.1 compatible port/s.

ⓘ **When using USB 2.0**, you may need to connect the second USB power cable on the dock to a second USB 2.0 port. This will ensure enough power is provided when using USB 2.0.

Insert SSD it into the Docking Station. After a short wait your recorded video will become accessible as a standard external disk.

# Warranty & Conditions

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## International Hardware Limited Warranty (1 Year Standard/3 Years if registered)

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 1 year from the date of purchase; or 3 years upon completion of product registration at [www.atomos.com](http://www.atomos.com)
- The TFT/LCD, batteries, case and master caddies will be free from defects in materials and workmanship for a period of 1 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 option:

- a) replace the goods or supply equivalent ones, b) repair the goods, c) pay the cost of replacing the goods or of acquiring equivalent ones and d) paying the cost of having the goods repaired;

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 repairs or 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 repair center or agent.

## Warranty Exclusions

This warranty applies only to defects in workmanship and does not cover defects caused by:

- A failure to comply with the then current 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 weather;
- Exposure to magnetic fields or corrosive liquids or substances;

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# ATOM X Accessories (sold separately)

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Atomos have a range of accessories tailored to usage with the Ninja V. Visit [shop.atomos.com](http://shop.atomos.com) or your nearest Atomos reseller to discover the range of available accessories that will get you up and running enhance your production workflow.

## **Batteries and power:**

- ATOMOS 5200mAh 4 Cell NPF Style Battery NP-770
- ATOMOS 7800mAh 6 Cell NPF Style Battery NP-970
- ATOMOS Fast Battery Charger with Multi plug PSU
- ATOMOS Power Kit for all Atomos 5" & 7" Monitor Recorders

## **Media: Master Caddy II**

- ANGELBIRD Master Caddy II 4K RAW SSD
- G-TECHNOLOGY MasterCaddy II 4K SSD
- ATOMOS Master Caddy II HDD/SSD Caddies x 5

## **Media: SSDmini**

- AtomX SSDmini by ANGELBIRD (256GB, 500GB, 1TB)
- AtomX SSDmini by SONY (500GB, 1TB, 2TB)

## **Docking stations:**

- ATOMOS USB 2.0 & 3.0 Docking Station for Atomos Master Caddy
- ANGELBIRD USB-C to SATA Media Reader
- G-TECHNOLOGY ev Series Reader Atomos Master Caddy Edition  
(only compatible with SSDmini when using AtomX SSDmini Adaptor handle)

## **Cables:**

- ATOMOS AtomFLEX HDMI 4K60p Full to Full (30cm/40cm/50cm)
- ATOMOS AtomFLEX HDMI 4K60p Full to Micro (30cm/40cm/50cm)
- HDMI Coiled cable 4Kp30 Full to Full (30cm/50cm)
- HDMI Coiled cable 4Kp30 Full to Micro (30cm/50cm)

For more detailed instructions and important up-to-date information regarding  
Ninja V please download the complete Ninja V User Manual from:

**[www.atomos.com/support](http://www.atomos.com/support)**



Visit Atomos online for full technical specifications, tutorials,  
camera compatibility, recommended SSDs and more.

