

NINJA ASSASSIN

QUICK START GUIDE



Thank you for purchasing the Atomos Ninja Assassin, combining professional 4K/HD recording, monitoring, playback and editing in a compact, lightweight, affordable add-on to existing DSLR and mirrorless cameras. With so many Recorder, Monitor, Playback & Edit features included, please take the time to read through this Quick Start Guide and register your product for free updates and extended warranty (atomos.com/registration).



DOWNLOAD THE FULL NINJA ASSASSIN USER MANUAL
www.atomos.com/support



ACTIVATE AVID DNxHD® IF REQUIRED
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

Checklist

- 1 x Ninja Assassin Recorder
- 1 x Master Caddy II Drive caddy
- 1 x AC/DC Power Supply
- 1 x Soft Case
- 1 x Red Ninja Armor Bumper
- 1x Quick Start Guide

You will also need (Sold separately)

HDMI Cable

HDMI cables need to support the HDMI 1.4 High Speed standard.

Battery

The Ninja Assassin can be powered via the included Power supply or via a NPF L series style battery.

SSD

Solid State Drive [SSD].
For recommendations refer to:
www.atomos.com/drives

Sata Adaptor

To connect your drive to a computer for editing, Atomos offers a USB 3.0 to SATA adaptor (ATOMDCK003) or 3rd party SATA adaptors may also be used.



Getting started

Battery (Sold separately)

We recommend that you charge new batteries before using them. To begin, connect battery to charger and commence charging. While charging, the red charge light will illuminate. When the red charge light turns green, the battery is 100% charged.

Assemble the Master Caddy II

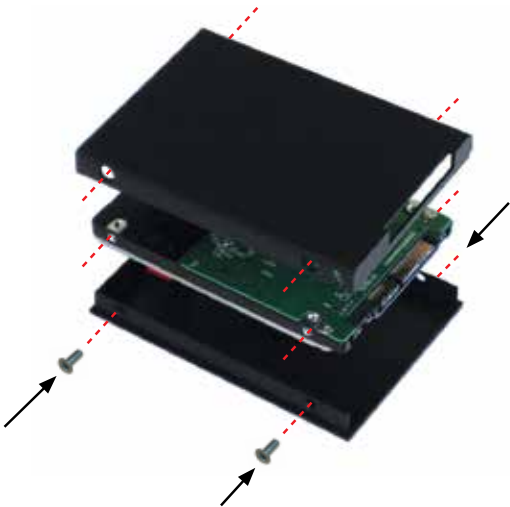
Fix the Solid State Drive into the Master Caddy as shown (right). Align screw holes on all three pieces and assemble completely. Insert screws last.

1 Handle the SSD with care

Avoid contact with circuit board and connectors. Refer to manufactures manual for handling instructions.

Format SSD

Once your SSD is inserted into the caddy, format it in your Ninja Assassin recorder by selecting the BLUE arrow next to Recording Time Remaining, Press **Format HDD/SSD** and follow the on-screen instructions. **For more information refer to the User Manual.**



Important: DO NOT over-tighten the screws or else the alignment of the Master Caddy II cannot be guaranteed.

Connect and power-up

Attach AC / Optional Battery or Power Station Photo/Video

Attach the supplied battery to the Ninja Assassin.

To utilize Atomos continuous power functionality, connect the optional Atomos Power Station Photo/Video via the DC power connection on the Ninja Assassin.

The Ninja Assassin utilizes only one battery source at a time. This way a battery can be removed, charged and replaced during operation so long as one battery with adequate charge remains connected. Refer to the User Manual for more information.

Battery

Align the connectors, slide the battery into the lock position.

HDD/SSD Master Caddy II

Line up the Master Caddy II to the Ninja Assassin disk bay and slide into place. To remove, slide the caddy out.

IMPORTANT: Avoid removing the caddy whilst recording as this may cause data corruption.



On/Off & Screen lock

Briefly press the circular button on the side of the Ninja Assassin to power-up the unit. To shut down, hold the button for at least 4 seconds (until unit turns off).

When in operation, a single press of the power on/off button will lock the display and controls. A second press will enable the display and touch controls.

Audio input

3.5mm mini jack input for connection of external inputs from at line level such as a Camera output, mixer etc.

DC Power

Connect DC power from an external source such as the optional Atomos Powerstation Photo/Video, the Ninja Assassin will automatically switch to this source.

Tally Light

Red Tally light indicates active recording, (the green light on the screen face of the Ninja Assassin will also flash red during recording). The Tally can be turned off in the menu options.

Battery Release Button

Press the release button to remove the battery.

LANC Remote

Optionally control the Ninja Assassin using LANC remote control connection (use a 2.5mm TRS/ 3-pin plug). Share remote control with other devices (loop through) by connecting them to the second LANC connector cable with optional LANC splitter cable.

Stereo Line Out

Stereo Line out for monitoring Headphones.

HDMI In

HDMI input connection used to record to the Ninja Assassin.

HDMI Out

HDMI Output connection for devices with an HDMI input.

Touchscreen / User Interface

The Ninja Assassin is controlled by a simple user-friendly touchscreen interface. Pictured are the main controls seen when the Ninja Assassin is first powered up and there is a video input connection.

Use the small blue arrows to open menus and toggle options.

For example, touching the Video Input Format will bring up the central input / output menu.



Record

Main Interface



Record: Press to start/stop recording



Play: Enter playback mode



Menu: Device settings/ options

OR **04:08:01:23**

Record Trigger: set by supported camera/or rolling timecode trigger



Waveform monitoring



Monitor assist



Cut and tag



Display / LUT options



Audio monitoring level



Audio Metering



Waveform & Monitor Assist Functions

Waveform Monitoring Menu



Touch the Waveform Monitoring icon to reveal WFM functions

TIP: Press the center of the screen to hide overlays



Luma Parade



RGB Parade



Vectorscope



Vectorscope Zoom



Display sizes

Touch to change the position of the WFM overlays



75 %

Transparency

Drag the slider to adjust the Opacity controls of the WFM overlays



50 %

Brightness

Change the Dynamic Range of the WFM overlays by dragging the slider

Monitor Assist Menu



Touch the Monitor Assist icon to reveal the Monitor Assist functions



Safe Areas: Touch once for action area, and twice to add title area



Cinema Guides
Toggle to display 16:9, 2.40, 2.35, 1.9, 1.85, 4:3



Anamorphic Guides
Toggle to display 4:3 2x, 2x, 1.5, 1.33 aspect ratios.

Note: 4:3 2x will only display with a 4K input from the Panasonic GH4



Focus Assist



Zebra Pattern



False Colour



Blue Only Exposure



Focus Zoom

Toggle 1:1 to display 1:1 pixel mapping, the indicator box shows the location of the screen you are viewing



Toggle 2:1 to magnify the display, the indicator box shows your viewing location, move the zoomed location by dragging across the screen or selecting a portion of the indicator box.



Focus Peaking modes

Switch between Color / Mono / Outline Focus Assist modes. Drag the slider to adjust Focus Assist Color for Color / Mono / Outline.



75 %


Zebra threshold

Adjust the Zebra (%) by dragging the slider.

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Playback & Edit: One-touch Review





Playback Interface


Playback mode offers the ability to playback a single clip or by tapping the file name you can click the playlist option and create a playlist of either Favorite, Selected or both in run down or Reverse Order. (clips must be of the same resolution and codec to create a playlist)


 Play: Press to play clip


 Loop: Loop playback


 Jump to beginning/end

 Set Loop In/ Out point

 Frame by frame RWD/FFWD


 Previous/Next Clip


 Super RWD/Super FFWD


 Clear Tagging


Tagging your footage in Playback or Record mode


Touch once to set the IN point. Touch again to set OUT point.


 FAVORITE


 REJECT


 CLOSE UP


 TALENT 1


 TALENT 2


 WIDE SHOT

 OVER EXP


 COLOR

 BAD AUDIO


 CUT AWAY

 Reset tagging (In Playback only)

Use transport controls or touch anywhere on the timeline to scrub to a section for review. Check recorded shots during playback using WFM and Monitor Assist tools.




Move frame by frame to select cut and tag In and Out Points, marking them as Favorite or Reject. Once cut and tag is complete, export an XML project for instant timeline assembly and editing.



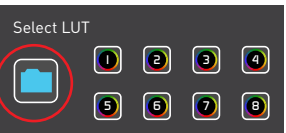





Display





Touching the yellow Display Options icon to reveal the LUT and display option sliders.



Up to 8 LUTs can be loaded in your recorder in a .cube format. Click the empty slot then click the folder icon and navigate the required LUT file (either on the Disk of from the Built-in Menu) and press on it twice.









1 tap on the MON LUT icon will allow You can preview the LUT as 50/50 split.
A 2nd tap will apply the LUT across the entire image.
A 3rd touch will turn the LUT off.




An option to apply the LUT to your recording and also to apply the LUT to the loop out is available for selection via the input menu.




Display off Icon allows you to turn of the LCD screen and still maintain the record or play back function. Touch the display of icon, then press the power button to lock the screen and the display will then turn off. Press power button again to turn screen back on and unlock the menu.



Flip - touch the Flip icon to horizontally flip the display



Tally on - touching this turns the rear tally light on off and the front tally light will remain green.



Reset returns the display option sliders to the default setting.

Connect & Edit

Master Caddy II Docking Station (Sold separately)

To access and edit your recorded material
Connect the Master Caddy II Docking Station to a Mac® or Windows® editing workstation via USB 2.0 and/or USB 3.0 compatible port/s.

① **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.

When using the Master Caddy II from the Ninja Assassin, insert it into the Docking Station. After a short wait your recorded video will become accessible as a standard external disk (Native ExFAT / FAT32 formatted drive/s also supported).

For more detailed instructions and important up-to-date information regarding Ninja Assassin please download the complete Ninja Assassin User Manual www.atomos.com/support

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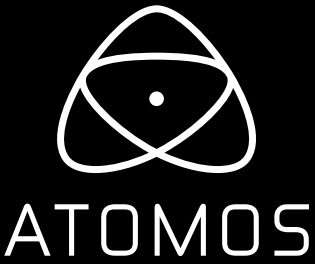
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