ATOMOS

Thank you for purchasing the Atomos Shogun, the world's most advanced Monitor-Recorder designed to save you time and money for 4K and HD video production. With so many Recorder, Monitor, Playback & Edit features included, please take the time to read through this Quick Start Guide and register your product (www.atomos.com/registration) for free updates and extended warranty. We truly hope this becomes your "4K Creative Weapon" of choice.

DOWNLOAD THE FULL SHOGUN 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 Shogun Recorder**
- ❏ **1 x Rugged Carry Case**
- ❏ **1 x D-Tap Adaptor**
- ❏ **1 x 4-Cell Battery**
  NP-F750 battery 5200mah
- ❏ **1 x Single Battery Charger**
  + Power supply unit
- ❏ **1 x Master Caddy Docking Station**
  USB 3/2, 2.5" HDD/SSD

- ❏ **5 x Master Caddy II Caddies**
- ❏ **QuickStart Guide**
- ❏ **1 x 2.5mm Male to 2 x 2.5 Female (Lanc Cable)**
- ❏ **1 x AC/DC Power Supply**
  110-240V AC to DC operation
- ❏ **1 x Breakout XLR Cable**
  XLR Stereo Line in (adaptor not included)
  XLR Mic Level In with 48v Phantom Power

You will also need:

HD-SDI / HDMI Cable/s
The Shoguns BNC Connectors support SMPTE standards of 259M, 292M and 296M. HDMI cables need to support the HDMI 1.4 High Speed standard. Any make of HD/SD-SDI & HDMI cable that supports these standards can be used.

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

Getting started:

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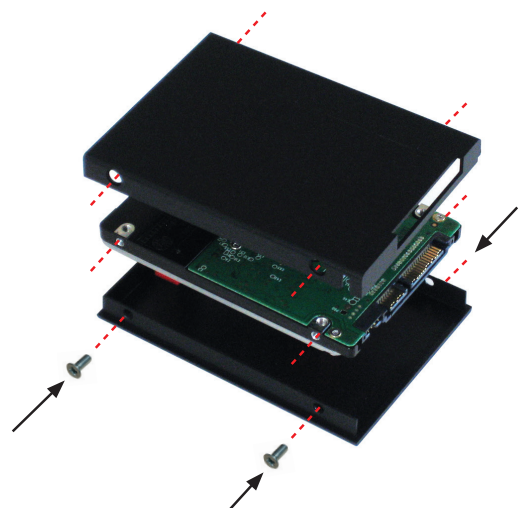Fix the Solid State Drive into the Master Caddy as shown (right). Align screw holes on all three pieces and assemble completely. Insert screws last.

ⓘ **Handle the SSD with care**
Touch screw holes or metal shell first. Avoid contact with circuit board and connectors. Refer to manual if unfamiliar with handling ESD sensitive devices.

Format SSD:
Once your drive is inserted into the caddy, format it in your Shogun 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:** Insert screws last and DO NOT over-tighten the screws or proper alignment of the Master Caddy cannot be guaranteed.
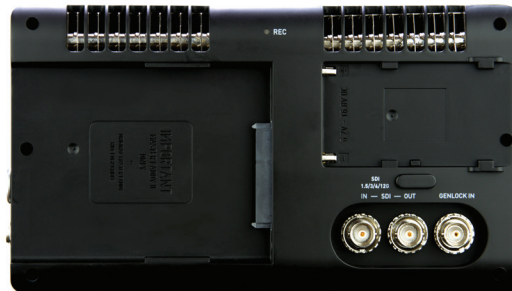
Connect and power-up

Attach Battery / Optional Power Station:

Attach the supplied battery to the Shogun.

To utilize Atomos continuous power functionality connect the optional Atomos Power Station via the DC power connection on the Shogun.

The Shogun 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.

HDD/SSD Master Caddy II

Line up the Master Caddy II to the Shogun disk bay and firmly slide into place. To remove, gently pull the drive out.

IMPORTANT: Avoid removing the drive whilst recording as this may cause corruption

Battery

Align the connectors, Gently push down on the battery and slide into the lock position

⚠ Push release button to remove battery

4K HD SDI In: The video input connection used to record to the Shogun's storage media.

4K HD SDI Out: This is for connection to an external monitor or other device with an HD-SDI input

Genlock: For connection to a central Genlock oscillator to maintain clock frequency sync across multiple devices.

On/Off & Screen lock:

Briefly press the circular button on the side of the Shogun to power-up the unit. To shut down, depress 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 controls again.

Breakout XLR Connector:

Connect the Atomos XLR breakout cable for Line Level in / Mic Level In functionality with +48v Phantom Power

DC Power

Connect DC power from an external source such as the optional Atomos Powerstation, the Shogun will automatically switch to this source

Tally Light

Red Tally light indicates active recording

Battery Latch

Press the release button to remove the battery

LANC Remote

Optionally control the Shogun using LANC remote control connected here (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

Stereo Line Out

Stereo Line out for monitoring Headphones

HDMI In

The video input connection used to record to the Shogun's storage media.

HDMI Out

This is for connection to an external monitor or other device with an HDMI input
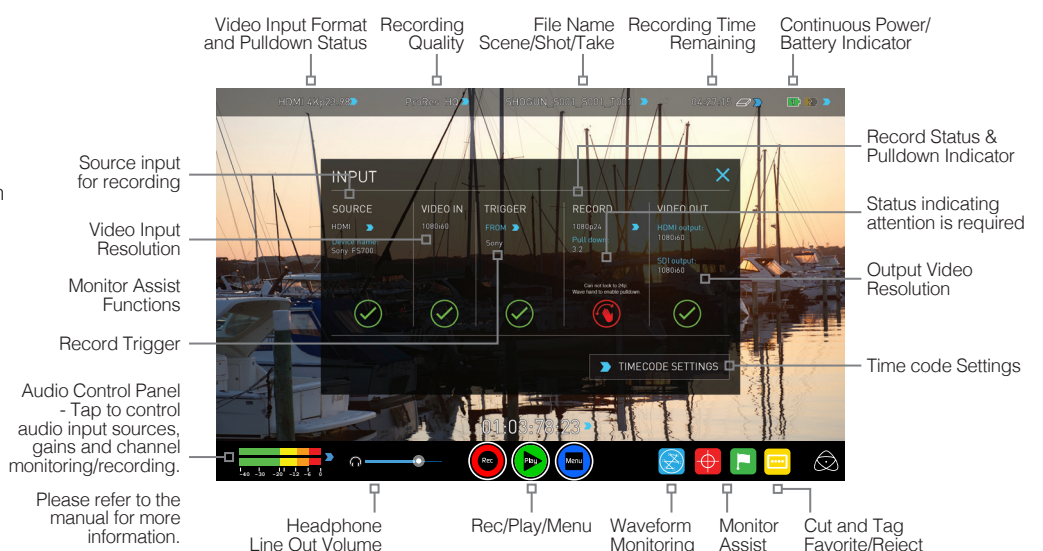
Touchscreen / User Interface

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

Pay special attention to any items on screen which are marked by a small blue arrow.

▶

Touch these items to access or cycle through the available options.

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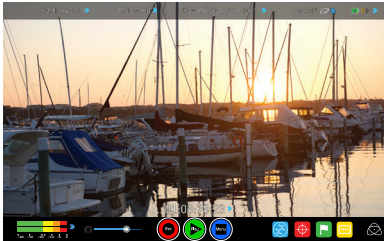
Video Input Format and Pulldown Status

Recording Quality

File Name Scene/Shot/Take

Recording Time Remaining

Continuous Power/ Battery Indicator

Record Status & Pulldown Indicator

Status indicating attention is required

Output Video Resolution

Time code Settings

Source input for recording

Video Input Resolution

Monitor Assist Functions

Record Trigger

Audio Control Panel - Tap to control audio input sources, gains and channel monitoring/recording.

Please refer to the manual for more information.

Headphone Line Out Volume

Rec/Play/Menu

Waveform Monitoring

Monitor Assist

Cut and Tag Favorite/Reject

Rec Record

Main Interface:

Record: Press to start/stop recording

OR
04:08:01:23 ▶

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

Play: Enter playback mode

Waveform monitoring

Audio Level

Menu: Device settings/ options

Monitor assist
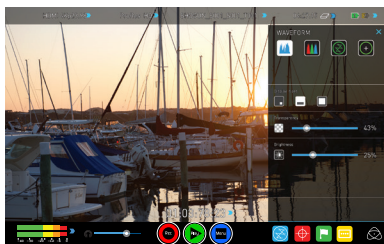
1 3 5 7 9 11 A — Audio Metering

Cut and tag

Display Options

Rec Mon Waveform & Monitor Assist Functions

Waveform Monitoring Menu:

Touch the Waveform Monitoring icon to reveal WFM functions

Luma Parade

Waveform Monitoring Settings: Touch to reveal Position/Dynamic Range/ Opacity controls

TIP: Touch the X to the top right of the menu to close, or press the center of the screen to hide overlays
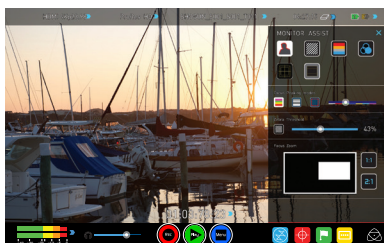
RGB Parade

✕ Return to main page

Vectorscope

Vectorscope Zoom

Monitor Assist Settings: Touch slider to adjust Focus Assist (Color/ Mono/Outline) and Zebra (%)

Monitor Assist Menu:

Touch the Monitor Assist icon to reveal the Monitor Assist functions

Focus Assist

Note: Tagging available while recording and monitoring

Safe Areas/Grid Lines

Zebra Pattern

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

Cinema Markers
Toggle On or Off to display on screen cinema markers

False Colour

1:1

TIP: Each touch of an icon toggles the controls on/off
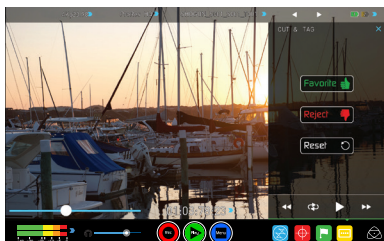
Blue Only Exposure

2:1 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.

Play Edit Playback & Edit: One-touch Review

Playback Interface:

▶ Play: Press to play clip

Loop: Loop playback

Favorite 👍

Tag for Favorite: Touch once to set the IN point. Touch again to set OUT point.

Jump to beginning/end

Set Loop In/ Out point

Frame by frame RWD/FFWD

Previous/ Next Clip

Reject 👎

Tag for Reject: Touch once to set the IN point. Touch again to set OUT point.

Super RWD/ Super FFWD

Clear Tagging

Reset ↻ Reset tagging

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.

Playback & Review on large monitor/s:
Recorded footage can also be played from the Shogun's 4K/HD-SDI & HDMI Out. This is ideal for large screen client viewing, feedback and editing on location.

TIP: Touch the center of the Shogun screen to remove all overlays. Touch the screen again to restore previous screen/overlays and playback controls.

Timeline / scrub bar

Timeline showing tagged footage

Connect & Edit

Master Caddy II Docking Station

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

When using the Master Caddy II from the Shogun, 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
Shogun please download the complete Shogun User Manual
www.atomos.com/support

Warranty & Conditions

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• 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
• The TFT/LCD, batteries, battery charger, HDD/SSD docking station, 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.

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• 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;
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• Exposure to magnetic fields or corrosive liquids or substances;

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