

SHOGUN AV-19

Let's get started



ATOMOS

Introduction

Thank you for purchasing the Atomos **Shogun AV-19**, the rack-mountable 19-inch, 4K HDR monitor-recorder-switcher for live production, on-set, and broadcast. Please take the time to read through this Quick Start Guide and register your product at www.atomos.com for extended warranty, special promotional offers and free access to **ATOMOSphere**, your personal cloud solution for storing, managing and sharing your media files.

What's in the box

- ✓ 1 x Shogun AV-19 monitor-recorder-switcher
- ✓ 1 x XLR 4 power supply
- ✓ International IEC power cables
- ✓ 10 x rack nuts and bolts
- ✓ Screen cloth

You might also need (sold separately)

Shogun AV-19 Power Adaptor (ATOMPWR024)

An AC-to-DC power adapter designed to serve as a secondary power source for the Shogun AV-19, enabling power redundancy and ensuring uninterrupted operation.

Safety Instructions

Shogun AV-19 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 Shogun AV-19 safely

Shogun AV-19 is a rugged and solid object that could cause injury if misused.

- Always make sure that your Shogun AV-19 is mounted securely.
- Always ensure that cables connected to Shogun AV-19 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 front of the device.
- Do not obstruct or cover ventilation holes.
- Do not touch the Shogun AV-19 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 Shogun AV-19 in municipal waste and do not incinerate it. Always follow local regulations for safe disposal.

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

Hardware Features

A. Rack Mount Holes

Mounting points for standard 19-inch rack installation using compatible hardware.

B. Remote Control and Calibration

Used for calibration with compatible third-party probes. Requires USB-C to serial cable (sold separately – ATOMCAB018). Visit atomos.com/calibration for more information.

C. Headphone/Analog Output

3.5mm TRRS headset jack to connect headphones or headset.

D. CFexpress Slot

For supported CFexpress Type B media, visit:

atomos.com/shogun-av-certified

E. Programmable Function Buttons

User-assignable buttons for quick access to frequently used functions.

F. On/Off + Screen Lock

To turn Shogun AV-19 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).

G. Audio In (Line, Mic, Mic +48v)

XLR/TRS combo inputs for line-level or microphone sources, with selectable 48 V phantom power for compatible microphones.

H. Audio Out

XLR outputs for monitoring. The audio channel routed to each output can be selected via the Headphone settings in the Audio menu.

I. DC / Battery Inputs

XLR-4 connections for DC power supply or V-Lock batteries. Shogun AV-19 features Atomos Continuous Power technology which uses looping for uninterrupted switching between two power sources (DC and/or Battery) during use. When using a third-party power source, ensure GND (–) to Pin 1 and (+) to Pin 4.

J. HDMI 2.0 In/Out

HDMI 2.0 input supports recording up to 4Kp60. HDMI output provides live loop out or play-out when in playback mode up to 4Kp60 video.

K. 4K/HD-SDI In

12G-SDI input connections, backward compatible to 6G, 3G and 1.5G signals. Supports 3G-SDI level A and B. This input is also used to input RAW from supported cameras.

L. HD-SDI In

3G compliant SDI input connections. The SDI inputs support 3G in both level A and B standards. This input is also used to input RAW signals from supported cameras.

M. 4K/HD-SDI Out

Output to an external monitor or other device. Provides loop-through of the incoming SDI or HDMI signal in record and standby mode, and playback when Shogun AV is in playback mode. 4K or HD output, with down scale HD if required. SDI <=> HDMI cross-conversion is always live allowing for instant conversion without any setup.

N. USB-C Ports

Used to attach external USB-C media. Please visit:

atomos.com/shogun-av-certified for supported devices.

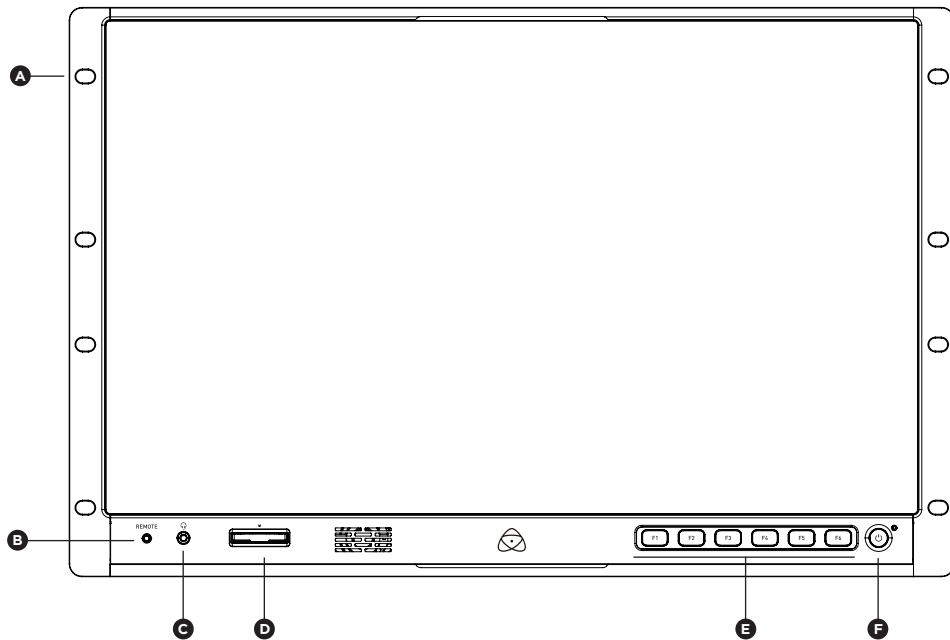
O. Sync Connection

Input only reference signal for locking internal timing to an external source during play back. Can also be used as a LTC timecode input, allowing multiple devices to share the same master timecode signal, for multi-camera setups. LTC is available in Record mode and configured via the Timecode menu.

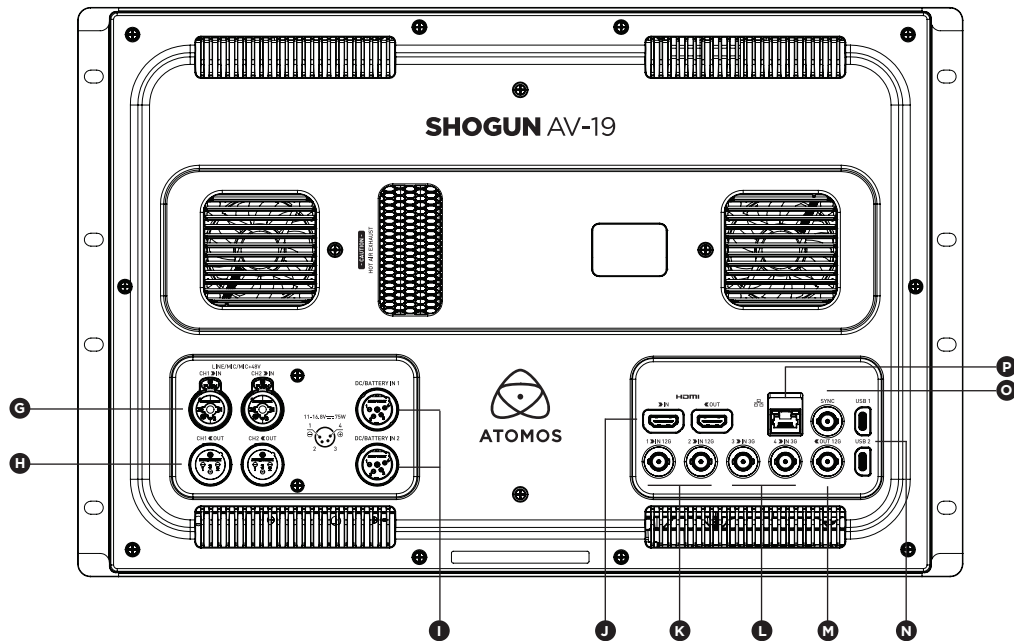
P. RJ45 Ethernet Port

Ethernet port for a high-speed & robust hardwired network connection for NDI workflows and over-the-air firmware updates.

Shogun AV-19 Front View



Shogun AV-19 Rear View



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; *upon completion of product registration within ONE year 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 extended warranty, receive special offers and regular product 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 Shogun AV-19, 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