

GODOX V100 for Sony

GODOX V100S TTL Camera Flash for Sony - Instruction Manual

Model: V100 for Sony

Brand: GODOX

1. INTRODUCTION AND OVERVIEW

The GODOX V100S is a powerful and versatile on-camera flash designed for Sony cameras, offering 100Ws power output and advanced features like a touchscreen interface and global shutter compatibility. This manual provides essential information for setting up, operating, and maintaining your GODOX V100S flash.

Key features include:

- 100Ws power output with 70 full-power consecutive flashes.
- Global Shutter Compatibility, especially with Sony A9 III.
- Intuitive 2.3" full-color, high-sensitivity touchscreen for easy control.
- Detachable sub flash (SU-1) for enhanced lighting options.
- Built-in 2.4G Wireless X System for master and receiver functionality.
- 2W LED modeling lamp with 10 adjustable levels.
- High-performance lithium battery with Type-C charging.



Figure 1.1: GODOX V100S Flash with its main components and accessories.



Figure 1.2: Key features of the GODOX V100S including adjustable flash head, LED modeling lamp, Type-C charging, detachable sub flash, and power port.

2. SETUP

2.1 Unpacking and Initial Inspection

Carefully unpack all components and verify that all items listed in the "What's in the Box" section are present and undamaged. If any items are missing or damaged, please contact customer support.

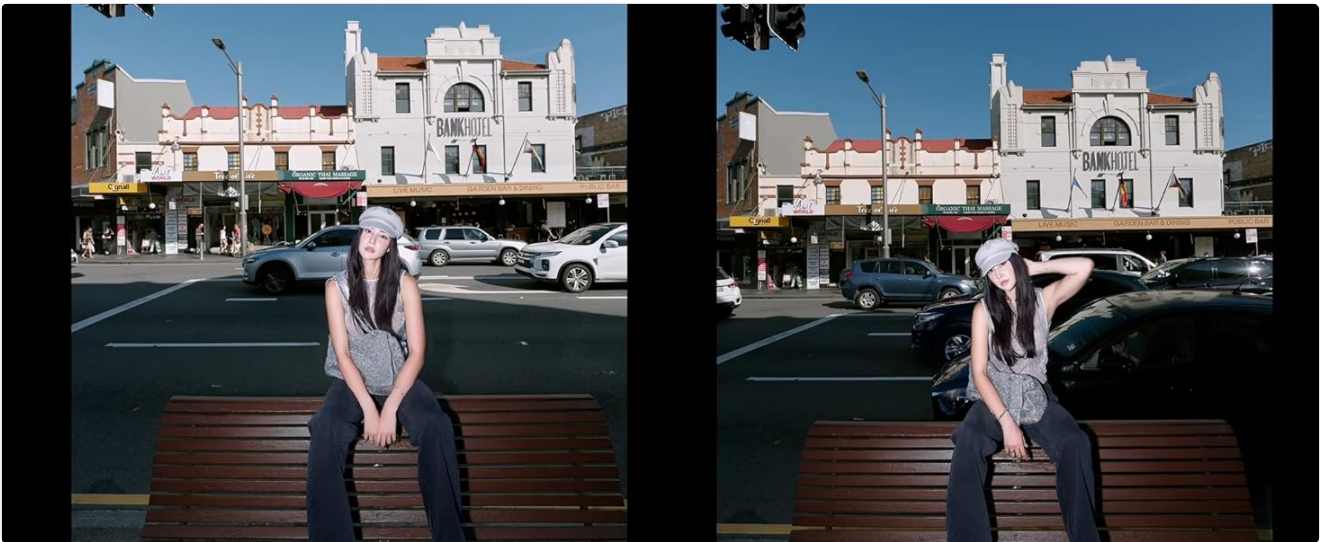


Figure 2.1: Contents of the GODOX V100S package, including the flash unit, detachable sub flash, Type-C charging cable, lithium-ion battery, and mini stand.

2.2 Battery Installation

The GODOX V100S is powered by a high-performance lithium battery. To install, align the battery according to the indicated direction and insert it into the battery compartment until it clicks into place.

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Video 2.1: Demonstrates the installation of the battery into the GODOX V100S flash unit. (Relevant segment from "Godox V100C USA version" video)

2.3 Detachable Sub Flash (SU-1) Installation

The SU-1 sub flash can be easily attached to the main unit. Align the sub flash with the designated slot and press firmly until it clicks securely into place.

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Video 2.2: Shows the process of installing the detachable SU-1 sub flash onto the GODOX V100S. (Relevant segment from "Godox V100C USA version" video)

2.4 Mounting the Flash on Camera

To mount the GODOX V100S on your camera, press the hot shoe lock button, insert the flash into the camera's hot shoe, and rotate to the right to lock it securely.

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Video 2.3: Illustrates how to properly mount the GODOX V100S onto a camera's hot shoe. (Relevant segment from "Godox V100C USA version" video)

2.5 Firmware Upgrade

It is recommended to upgrade the firmware of your GODOX V100S to the latest version before use to ensure optimal performance and compatibility. Refer to the official GODOX website for the latest firmware and instructions.

3. OPERATING THE FLASH

3.1 Power On/Off

To power on the flash, press the power button until the icon appears, then rotate the dial clockwise to unlock and turn on. To power off, reverse the process or long-press the power button.

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Video 3.1: Guide on powering the GODOX V100S on and off using the power button and dial. (Relevant segment from "Godox V100C USA vesion" video)

3.2 Touchscreen Control

The GODOX V100S features an intuitive touchscreen for easy navigation and setting adjustments. Swipe right for mode selection and left to return. Swipe down for additional functions and up to return to the main screen.



Figure 3.1: The GODOX V100S touchscreen displaying flash power adjustments.

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Video 3.2: Demonstrates touchscreen navigation and function selection on the GODOX V100S. (Relevant segment from "Godox V100C USA vesion" video)

3.3 Flash Modes (Manual, TTL)

Tap the [Mode] button on the touchscreen to switch between TTL (Through-The-Lens) and Manual (M) modes. In Manual mode, you can precisely adjust flash power using the +/- icons or by pulling the progress bar. In TTL mode, the flash automatically adjusts power, and you can use the progress bar for quick FEC (Flash Exposure

Compensation) adjustments.

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Video 3.3: Explains how to switch between Manual and TTL flash modes and adjust settings. (Relevant segment from "Godox V100C USA vesion" video)

3.4 Sub Flash SU-1 Adjustment

Tap the [SUB] option on the screen to adjust the power of the detachable SU-1 sub flash. You can also toggle it on or off from this menu.

3.5 Manual Zoom

Tap the [Zoom] option to enter the flash focal length settings. Rotate and press the dial to select the desired flash focal length (e.g., 28mm, 35mm, 50mm, 70mm, 80mm, 105mm).

3.6 Wireless Operation (Sender & Receiver Modes)

The GODOX V100S features a built-in 2.4G Wireless X System, allowing it to function as both a master (Sender) and receiver unit. Easily pair with other Godox flash devices that support wireless sync.

To set up as a Sender, select "Sender" mode. You can long-press the group setting to switch between Manual flash, TTL auto flash, or OFF for each group. Adjust flash power or FEC using the +/- icons or progress bar.

To set up as a Receiver, select "Receiver" mode. Ensure the channel and ID settings match your sender unit. You can tap to switch modes and select focal length for the receiver unit. Tap to enter group settings and select the group (A, B, C, D, E).



Figure 3.2: The GODOX V100S integrated into a wireless sync workflow, acting as both master and receiver.

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Video 3.4: Detailed instructions on setting up Sender and Receiver modes for wireless flash operation. (Relevant segment from "Godox V100C USA vesion" video)

3.7 Sync Mode (Front Curtain, High-Speed, Rear Curtain)

The GODOX V100S supports various sync modes including Front Curtain Sync, High-Speed Sync (HSS), and Rear Curtain Sync. These can be selected from the "Other Functions" menu on the touchscreen.

3.8 AF Assist Beam

The AF Assist Beam helps the camera achieve focus in low-light conditions. It can be toggled on or off from the "Other Functions" menu.

3.9 Beeper

The beeper provides audible feedback for flash readiness and other operations. You can enable or disable it in the "Other Functions" menu.

3.10 Screen Lock

To prevent accidental changes to settings, you can lock the touchscreen. Press and hold the lock icon for 2 seconds to unlock.

3.11 Multi Flash

The Multi Flash function allows for multiple flashes during a single exposure, useful for capturing motion. This feature can be accessed and configured in the "Other Functions" menu.

3.12 Recycling Indicator

A red light indicator on the flash unit signifies that the flash is fully recycled and ready to fire. This ensures you don't miss a shot while waiting for the flash to recharge.

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Video 3.5: Overview of various functions including Sync Mode, AF Assist Beam, Beeper, Screen Lock, Multi Flash, and Recycling Indicator. (Relevant segment from "Godox V100C USA vesion" video)

3.13 Global Shutter Compatibility

The GODOX V100S is compatible with global shutter cameras like the Sony A9 III. For optimal performance, especially with global shutter, it is recommended to use Manual mode (M) and adjust the flash timing (ADJ) for maximum energy efficiency. When used as a camera-mounted light, the recommended flash duration for the camera's ADJ setting is typically between 120 and 160 microseconds. For off-camera flash setups, the recommended ADJ flash duration range is 560-660 microseconds.

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Video 3.6: Demonstrates setting ADJ parameters for the GODOX V100S with Sony A9 III, both on-camera and with an X3S trigger. (From "Godox V100 work with SONY A9III" video)

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your GODOX V100S flash.

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by a dry one. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Store the lithium battery in a cool, dry place when not in use. If storing for extended periods, charge the battery to approximately 50% capacity. Avoid fully discharging the battery for long durations.
- **Storage:** When not in use, store the flash unit in its protective case in a dry, dust-free environment, away from extreme temperatures and direct sunlight.
- **Handling:** Handle the flash unit with care. Avoid dropping it or subjecting it to strong impacts, as this can damage internal components.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your GODOX V100S flash.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Flash not firing	Low battery, incorrect mode, wireless sync issue, hot shoe connection.	Charge battery, check flash mode (Manual/TTL), verify wireless channel/ID, ensure flash is securely mounted on hot shoe.
Battery drains quickly or doesn't charge fully	Battery degradation, faulty charger, improper charging.	Ensure proper connection to Type-C charging cable. If issue persists, consider replacing the battery or charger.
Screen unresponsive or frozen	Temporary software glitch, screen lock engaged.	Try restarting the flash unit. If locked, press and hold the lock icon for 2 seconds to unlock.
Inconsistent flash output	Incorrect power settings, environmental factors, overheating.	Adjust power settings, allow flash to cool down if used consecutively at high power. Ensure proper ADJ settings for global shutter cameras.

If you encounter an issue not listed here or if the suggested solutions do not resolve the problem, please contact GODOX customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.99 x 2.81 x 8.11 inches
Item Weight	1.51 pounds
Item Model Number	V100 for Sony
Batteries	1 Lithium Ion battery required (included)
Manufacturer	GODOX
Compatible Mountings	Suitable for Sony α 77II, α 99, α 77, DSC-RX10, α 6000, α 7R, α 6400, α 7RII, α 7RIII, α 7M3, α 9, α 7RIV, α 7R5, α 7MIV, ZV-E10, α 58, ILCE6000L, α 7R3, α 350, α 9III, etc.
Camera Flash Type	Hotshoe
Flash Sync Speed	1/300s-1/20000s

6.1 What's in the Box

- GODOX V100 for Sony Flash Unit
- Detachable Sub Flash (SU-1)
- Type-C Charging Cable
- 1 Lithium-ion Battery
- Mini Stand

7. WARRANTY AND SUPPORT

GODOX products are designed to meet high-quality standards. The GODOX V100S and GODOX V100S U are regional versions with core performance and compatibility remaining the same, adhering to specific local regulations. For any questions or support, please refer to the official GODOX website or contact their customer service directly.

Please retain your proof of purchase for warranty claims. Specific warranty terms and conditions may vary by region. For detailed information, visit the [GODOX Store on Amazon](#) or their official website.