GODOX V100 S

Godox V100S Round Head Flash for Sony Cameras Instruction Manual

Model: **V100 S** | Brand: **GODOX**

Introduction

This manual provides detailed instructions for the safe and effective operation of your Godox V100S Round Head Flash for Sony cameras. The V100S is a powerful and versatile on-camera flash unit featuring a 100Ws output, an intuitive touchscreen interface, a built-in lithium battery, a 10-level LED modeling lamp, and compatibility with global shutter sync for advanced photography needs. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

What's in the Box

Carefully unpack the contents and ensure all items are present and in good condition. If any items are missing or damaged, please contact your retailer.



Image: The Godox V100S flash unit with its complete set of accessories, including the battery, charger, USB-C cable, mini stand, and storage bag.

- **Flash Body** x1
- **Lithium Battery** x1
- **Adapter and USB-C Charging Cable** x1
- **Mini Stand** x1
- **Storage Bag** x1

Key Features

100Ws Power Output

The V100S delivers a maximum output of 100Ws in Manual (M) mode, providing ample power for various lighting scenarios. Power levels are adjustable from 1/1 to 1/256 or from 2.0 to 10, allowing for precise control over light

intensity.



Image: The Godox V100S flash unit highlighting its 100Ws power output capability.

Intuitive Touchscreen Control

Equipped with a 2.3-inch full-color, high-sensitivity touchscreen, the V100S offers a responsive and user-friendly interface. This allows for quick adjustments of power levels, activation of high-speed sync, and switching between TTL/M modes with ease.



Image: A detailed view of the V100S's 2.3-inch full-color touchscreen, showing various settings and controls.

Global Shutter Flash Sync

The V100S supports global shutter cameras, such as the Sony a9 III, enabling flash synchronization at shutter speeds up to 1/80,000 seconds. This feature is beneficial for high-speed continuous shooting and outdoor bright light conditions.

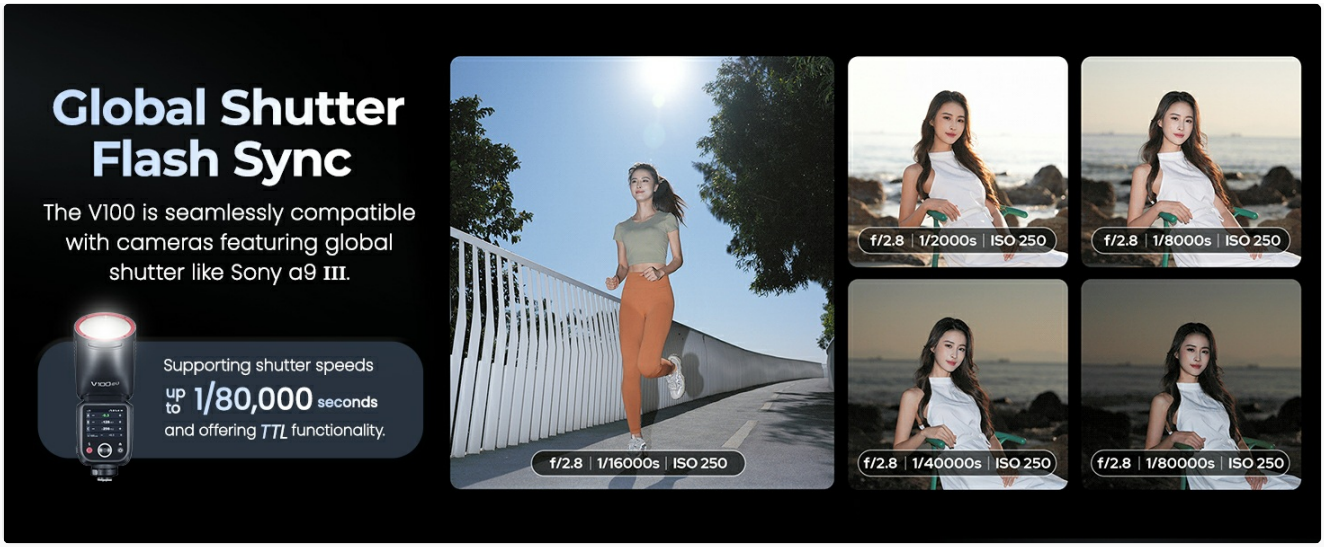


Image: A collage demonstrating the effect of global shutter flash sync at different shutter speeds, from 1/2000s to 1/80000s.

70 Full-Power Consecutive Flashes

An advanced cooling system allows the V100S to deliver 70 to 100 consecutive flashes at full 100Ws power without performance degradation, ensuring reliability during extended shooting sessions.



Image: A photographer capturing images using the Godox V100S flash, illustrating its capability for continuous full-power flashes.

Detachable Sub Flash (SU-1)

The V100S features a detachable sub flash, the SU-1, which enables dual-light setups with a single flash unit. This provides creative lighting solutions, particularly for portrait photography, by allowing separate illumination for the main subject and background.



Image: A visual comparison showing the lighting effect on a portrait subject before and after using the detachable sub flash.

Built-in LED Modeling Lamp

A 2W LED modeling lamp with 10 adjustable levels is integrated into the flash head. This lamp provides flexible options for previewing light effects or serving as a continuous fill light.



Image: A photographer demonstrating the use of the V100S's built-in LED modeling lamp to preview lighting.

Wireless Sync and Workflow

With the integrated Godox 2.4G Wireless X System, the V100S functions as both a master and receiver unit. Its one-tap pairing capability seamlessly integrates with the X3 trigger or other Godox wireless flash units, streamlining your workflow for off-camera flash setups.



Image: The Godox V100S flash unit shown in wireless communication with a camera, indicating streamlined workflow.

Powerful Battery and Convenient Charging

The V100S is powered by a high-performance lithium battery (VB30, 7.2V 2980mAh 21.456Wh) for uninterrupted shooting. The battery features a Type-C charging port for direct charging and is compatible with the VC2BT Multi-Battery Charger for quick and convenient recharging.



Image: The Godox V100S battery being charged via USB-C and with a multi-battery charger, illustrating convenient power solutions.

Enhanced Recycling with External Power

For faster recycling times, the V100S includes a dedicated port for the PB960 Lithium-ion Flash Power Pack. This external power source can reduce full-power recycling time to as fast as 0.8 seconds.



Image: The Godox V100S flash connected to an external PB960 power pack, demonstrating enhanced recycling capabilities.

Comprehensive Accessory Ecosystem

The V100S is compatible with a wide range of Godox accessories, including various diffusers, grids, snoots, and color filters, allowing for extensive light shaping and creative control.



Image: A visual representation of the Godox accessory ecosystem, showcasing various light modifiers compatible with the V100S flash.

Setup

1. **Charge the Battery:** Before first use, fully charge the included lithium battery using the provided USB-C cable and adapter. The battery can also be charged directly via its USB-C port.
2. **Install the Battery:** Open the battery compartment on the flash unit and insert the charged battery, ensuring correct orientation. Close the compartment securely.
3. **Mounting on Camera:** Slide the V100S onto your Sony camera's hot shoe. Secure it by rotating the locking ring clockwise until it is firm.
4. **Power On:** Press and hold the power button on the flash unit until the screen illuminates.
5. **Initial Settings:** The flash will typically default to TTL mode. Adjust basic settings like flash mode (TTL/M) and power output using the touchscreen or control dial.

Operating Instructions

Basic Operation

- **Power On/Off:** Press and hold the power button.
- **Mode Selection:** Tap the 'MODE' icon on the touchscreen to switch between TTL (Through-The-Lens), Manual (M), and Multi (Stroboscopic) modes.
- **Power Adjustment:** In M mode, use the '+' and '-' icons on the touchscreen or the control dial to adjust flash output from 1/1 to 1/256. In TTL mode, adjust Flash Exposure Compensation (FEC).
- **Zoom Control:** Tap the 'ZOOM' icon to manually adjust the flash coverage or set it to auto-zoom.

Advanced Functions

- **High-Speed Sync (HSS):** Activate HSS through the camera menu or flash settings to use shutter speeds faster than your camera's native sync speed.
- **Wireless Control:** To use the V100S as a master or slave unit, access the wireless settings via the touchscreen. Select the appropriate group and channel for synchronization with other Godox X System devices.
- **Detachable Sub Flash:** Attach the SU-1 sub flash to the designated port. Its output can be independently controlled via the flash menu for fill light.

- **Modeling Lamp:** Press the modeling lamp button to turn it on/off. Use the touchscreen to adjust its 10 brightness levels.
- **Flash Head Adjustment:** The flash head can tilt from -7° to 120° and rotate 330° for bounce flash applications.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the flash body. For the touchscreen, use a microfiber cloth specifically designed for electronics. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Store the lithium battery in a cool, dry place when not in use. For long-term storage, charge the battery to approximately 50% capacity. Avoid fully discharging the battery for extended periods.
- **Storage:** When not in use, store the flash unit in its protective bag to prevent dust accumulation and physical damage.
- **Avoid Extreme Conditions:** Do not expose the flash to extreme temperatures, high humidity, or direct sunlight for prolonged periods.

Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; Incorrect mode; Flash not securely mounted; Camera settings.	Charge battery; Select correct flash mode (TTL/M); Re-mount flash securely; Check camera flash settings.
Flash output is too weak/strong.	Incorrect power setting; Incorrect FEC; Distance to subject.	Adjust power output in M mode; Adjust FEC in TTL mode; Move closer/further from subject.
Wireless sync not working.	Incorrect group/channel; Interference; Distance.	Ensure master and slave units are on the same group and channel; Reduce distance; Check for obstructions.
Overheat warning.	Excessive consecutive flashes.	Allow the flash to cool down. Reduce frequency of full-power flashes.

Specifications

Feature	Detail
Model	V100 S
Power Output	100Ws
Flash Sync Speed	Up to 1/8000s (HSS), up to 1/80000s (Global Shutter)
Compatible Mountings	Sony Alpha
Battery	1 Lithium Ion battery (included), 7.2V 2980mAh 21.456Wh
Item Weight	2.42 pounds

Feature	Detail
Package Dimensions	9.25 x 7.68 x 3.94 inches
Manufacturer	GODOX

Warranty and Support

For warranty information and technical support, please refer to the official Godox website or contact your authorized Godox retailer. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may visit the GODOX Store on Amazon.

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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