

## GODOX V860II-S

# Godox V860II-S TTL Flash for Sony Instruction Manual

## 1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the safe and effective use of your Godox V860II-S TTL Flash. The Godox V860II-S is a high-performance, versatile speedlite designed for Sony cameras, offering advanced features such as TTL auto flash, high-speed sync (HSS), and a built-in 2.4G wireless X system. Its powerful Li-ion battery ensures quick recycle times and extended shooting sessions.

## 2. PRODUCT FEATURES

- **Full TTL Functions:** Supports TTL auto flash, manual flash, 1/8000s high-speed sync, flash exposure compensation, flash exposure lock, second curtain sync, and modeling flash.
- **High-Capacity Li-ion Battery:** Equipped with a 2000mAh Li-ion battery, providing a maximum 1.5s recycle time and approximately 650 full power flashes.
- **High Guide Number:** Features a GN60 (Guide Number 60) and 22 steps of power output (1/1-1/128).
- **Auto/Manual Zoom Head:** Flash coverage automatically adjusts from 20 to 200mm to match the lens focal length and image size, with manual zoom control available.
- **Built-in 2.4G Wireless X System:** Offers all-in-one functions and a transmission distance of up to 100 meters. Can function as a master or slave unit with compatible Sony camera flashes (e.g., HVL-F60M, HVL-F43M, HVL-F32M) and other Godox X system flashes.
- **User-Friendly Interface:** Features an LCD display and control panel for easy operation and settings adjustment.
- **Flexible Head Design:** The flash head can pan horizontally from 0° to 270° and tilt vertically from -7° to 90° for versatile light positioning.

## 3. COMPONENTS AND WHAT'S IN THE BOX

The Godox V860II-S package typically includes the following items:

- Godox V860II-S TTL Flash Unit

- 2000mAh Li-ion Battery (VB18)
- Battery Charger
- Mini Stand
- Protective Case
- Instruction Manual



The Godox V860II-S flash unit and its standard accessories.



The VB18 2000mAh Li-ion battery, providing long-lasting power.

## 4. SETUP

### 4.1 Battery Installation

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert the provided 2000mAh Li-ion battery (VB18) into the compartment, ensuring correct polarity.
3. Close the battery compartment cover securely.



## **Built-in Godox 2.4G Wireless X System**

V860II built-in Godox 2.4G wireless X system, can be wirelessly connected with Godox X series flash guides and other built-in X system flash.

Proper insertion of the Li-ion battery into the flash unit.

### **4.2 Mounting the Flash on Camera**

1. Slide the flash unit onto your camera's hot shoe until it clicks into place.
2. Tighten the locking ring or lever on the flash unit to secure it to the hot shoe.

## Flexible Angle

Adjustable pan/tilt head for softer light with flicker.

Horizontally: 0° ~ 270°

Vertically: -7 ~ 90°



The flash unit securely mounted on a camera's hot shoe.

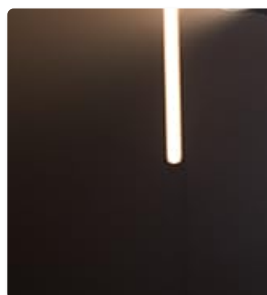
### 4.3 Powering On/Off

To power on the flash, slide the ON/OFF switch to the 'ON' position. To power off, slide it to the 'OFF' position.

## 5. OPERATING INSTRUCTIONS

### 5.1 Understanding the Control Panel and LCD Screen

The flash features an intuitive control panel with various buttons and a clear LCD screen for adjusting settings. The LCD screen displays current mode, power output, zoom settings, and battery status.





The LCD screen provides clear information on flash settings.

## 5.2 Flash Modes

The V860II-S supports several flash modes:

- **TTL Auto Flash:** Automatically sets flash output for optimal exposure.
- **Manual Flash:** Allows manual control over flash power output.
- **Multi Flash (Stroboscopic):** Fires a series of rapid flashes for creative effects.

Use the 'MODE' button on the control panel to cycle through these modes.



The flash supports various TTL functions for diverse shooting needs.

## 5.3 High-Speed Sync (HSS)

HSS allows the flash to synchronize with shutter speeds up to 1/8000s, enabling flash use in bright conditions or with wide apertures.



High-Speed Sync (HSS) allows for flash photography at faster shutter speeds.

#### **5.4 Wireless Operation (2.4G X System)**

The V860II-S can operate as a master or slave unit within the Godox 2.4G wireless X system. This allows for off-camera flash control and multi-flash setups.

# Application Scenarios



The Godox V860II-S can be integrated into a wireless flash system.

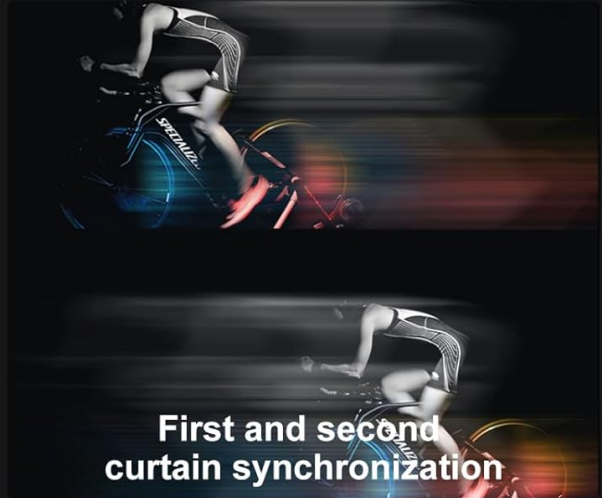
## 5.5 Flash Head Adjustment

The flash head can be rotated and tilted to bounce light off surfaces, providing softer and more diffused illumination.



# TTL Functions

Support TTL auto flash, manual flash, 1/8000 high-speed sync, flash exposure compensation, flash exposure lock, second curtain sync, modeling flash, etc



The flash head offers flexible adjustment for various lighting angles.

## 5.6 Firmware Update

The flash unit supports firmware updates via its USB port to ensure compatibility and access to new features. Refer to the official Godox website for the latest firmware and update instructions.



The control port, sync socket, and USB port for connectivity and firmware updates.

## 5.7 Compatibility

The Godox V860II-S is designed for Sony cameras with a hot shoe. For specific model compatibility, please refer to the detailed compatibility list provided by Godox.





ISO: 100, Aperture: F/8, Shutter Speed: 1/8000, E-TTL Mode

\*High-Speed Sync (HSS) emits multiple small bursts of light, allowing for higher shutter speeds and freezing motion. Quick flashes are released during exposure to ensure proper exposure of the subject and background.



ISO: 100, Aperture: F/8, Shutter Speed: 1/320

\* In normal shooting, the exposure of the subject is normal, but the details of the sky are lost.



ISO: 100, Aperture: F/8, Shutter Speed: 1/8000

\* After increasing the shutter speed, the exposure of the sky is normal, but the subject is underexposed.

The V860II series offers broad compatibility with various camera systems.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use solvents or abrasive cleaners.
- **Storage:** Store the flash unit in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if the flash will not be used for an extended period.
- **Battery Care:** Charge the Li-ion battery regularly, even if not in use, to maintain its lifespan. Avoid fully discharging the battery.
- **Handling:** Avoid dropping or subjecting the flash unit to strong impacts.

## 7. TROUBLESHOOTING

- **Flash Not Firing:**
  - Ensure the flash is powered on and securely mounted on the camera's hot shoe.
  - Check battery level and recharge if necessary.
  - Verify camera and flash settings for proper synchronization.
- **Inconsistent Exposure:**
  - In TTL mode, ensure the subject is within the effective flash range.
  - In Manual mode, adjust power output as needed.
  - Check for obstructions between the flash and subject.
- **Wireless Triggering Issues:**
  - Confirm that both master and slave units are set to the same channel and group.
  - Ensure units are within the effective wireless range.
  - Check for interference from other 2.4G devices.

## 8. SPECIFICATIONS

Feature	Specification
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Model Number	V860II-S
Product Dimensions	9.3 x 8.3 x 3.2 inches
Item Weight	5 ounces
Batteries	1 Lithium Ion battery required (included)
Compatible Mountings	Sony
Flash Sync Speed	1/8000s
Guide Number	GN60
Recycle Time	Max. 1.5s
Full Power Flashes	Approx. 650

## 9. OFFICIAL PRODUCT VIDEOS

This video provides an overview of the Godox V860II TTL HSS Li-ion Battery Camera Flash Speedlite, showcasing its features and design.

A brief video demonstrating the Godox V860II-C E-TTL HSS 1/8000s 2.4G GN60 Li-ion Battery Camera Flash Speedlite, highlighting its key functionalities.

## 10. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Godox website. For technical support, service, or inquiries, please contact Godox customer service through their official channels.