GODOX V860II-C

Godox V860II-C Camera Flash Speedlight User Manual

Model: V860II-C | Brand: GODOX

1. Introduction

This manual provides detailed instructions for the operation and maintenance of your Godox V860II-C Camera Flash Speedlight. The V860II-C is a high-performance flash unit designed for Canon EOS DSLR cameras, featuring E-TTL II autoflash compatibility, a built-in 2.4G wireless X system, and a guide number of 60 (m ISO 100).

Please read this manual thoroughly before using the product to ensure correct operation and optimal performance. Keep this manual for future reference.

2. Safety Information

- Do not disassemble or modify this product. Repairs should only be performed by authorized service personnel.
- Keep the product dry. Do not handle with wet hands or immerse in water.
- Do not use the flash unit in the presence of flammable gases, chemicals, or other materials.
- The flash tube generates heat during operation. Avoid prolonged contact with the flash head after continuous use.
- **Battery Safety:** Use only the specified Li-ion battery pack. Do not short-circuit, incinerate, or expose the battery to high temperatures. Dispose of used batteries properly according to local regulations.
- Avoid direct eye exposure to the flash, especially at close range, as it may impair vision.
- This flash unit is ONLY compatible with Canon Cameras.

3. Product Overview

The Godox V860II-C Speedlight offers a range of features for versatile flash photography. Key components and features are highlighted below.



Figure 3.1: Godox V860II-C Flash unit and included accessories, including the Li-ion battery, charger, mini stand, and protection case.

Key Features:

- **E-TTL II Autoflash:** Fully compatible with Canon's E-TTL II automatic flash system.
- **High Guide Number:** GN60 (m ISO 100) for powerful illumination.
- **Zoom Flash Head:** Coverage from 20mm to 200mm (14mm with wide panel), with auto and manual zoom options.
- **Built-in 2.4G Wireless X System:** Offers master and slave functions with a transmission distance of up to 100 meters (110 yards).
- **High-Speed Sync (HSS):** Supports shutter speeds up to 1/8000 seconds.
- **Li-ion Battery:** 2000mAh battery provides approximately 650 full power flashes with a fast 1.5-second recycle time.
- **Flash Functions:** Includes Flash Exposure Compensation (FEC), Flash Exposure Lock (FEL), Second Curtain Sync, and Modeling Flash.



Figure 3.2: Diagram illustrating various parts of the V860II-C flash, including the USB port, built-in wide panel, hotshoe, 11.1V/2000mAh Li-ion battery, and dot-matrix LCD panel.

4. Setup

4.1 Battery Installation

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert the provided 11.1V/2000mAh Li-ion battery pack, ensuring correct polarity.
3. Close the battery compartment cover securely.



Figure 4.1: The battery compartment of the Godox V860II-C flash, shown open for battery insertion.



Figure 4.2: The Godox V860II-C flash with the Li-ion battery pack inserted next to the flash head.

4.2 Mounting on Camera

1. Slide the flash unit's hotshoe onto your Canon camera's hotshoe mount.
2. Rotate the locking ring on the flash unit clockwise to secure it firmly to the camera.
3. To remove, rotate the locking ring counter-clockwise and slide the flash off.



Figure 4.3: The Godox V860II-C flash unit securely mounted on a camera's hotshoe.

5. Operating Instructions

5.1 Power On/Off

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

5.2 Flash Modes

Press the **MODE** button to cycle through available flash modes: E-TTL II, Manual (M), and Multi (Stroboscopic).

- **E-TTL II Autoflash:** The flash output is automatically controlled by the camera to achieve optimal exposure.
- **Manual Flash (M):** Allows manual adjustment of flash output from 1/1 to 1/128 power in 1/3 stop increments.
- **Multi Flash (Stroboscopic):** Fires a series of rapid flashes during a single exposure to capture multiple images of a

moving subject.



Figure 5.1: Visual representation of various flash functions including High-Speed Sync (HSS), Front Curtain Sync, Rear Curtain Sync, Multi Flash, and Flash Exposure Compensation (FEC).

5.3 High-Speed Sync (HSS)

The V860II-C supports High-Speed Sync (HSS) up to 1/8000 seconds, allowing you to use flash with fast shutter speeds, ideal for freezing action or overpowering ambient light.



Figure 5.2: An example of High-Speed Sync (HSS) in action, freezing the motion of a water splash.

5.4 Wireless X System Operation

The built-in Godox 2.4G wireless X system enables the V860II-C to function as both a master and slave unit. It supports 3 controllable slave groups (A, B, C) and 32 channels (1-32).

- **Master Mode:** Control other Godox X system slave flashes.
- **Slave Mode:** Be triggered by a Godox X system master unit (e.g., another V860II-C, X1T-C, XPro-C).



Figure 5.3: The Godox V860II-C flash unit highlighting its 2.4G Wireless X System capabilities, shown alongside a wireless trigger.

5.5 Flash Coverage and Zoom

The flash head can zoom from 20mm to 200mm. This can be set automatically to match the lens focal length or manually adjusted for creative control.

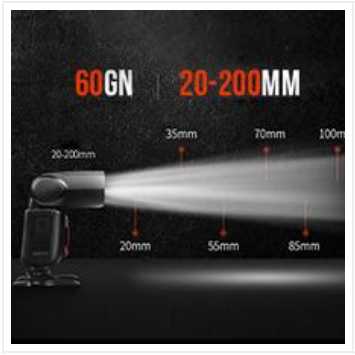


Figure 5.4: Illustration of the flash coverage range from 20mm to 200mm, demonstrating how the light spreads at various focal lengths.

5.6 Recycle Time and Power

The V860II-C boasts a fast recycle time of approximately 1.5 seconds at full power, and the 2000mAh Li-ion battery provides up to 650 full power flashes on a single charge.

6. Maintenance

- Clean the flash unit regularly with a soft, dry cloth. Do not use solvents or harsh chemicals.
- Ensure the hotshoe contacts are clean and free of debris for reliable communication with the camera.
- When not in use for extended periods, remove the battery and store the flash unit in a cool, dry place.
- Protect the flash tube from impact and scratches.

7. Troubleshooting

If you encounter issues with your Godox V860II-C, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; incorrect mode; flash not securely mounted; camera settings.	Charge or replace battery; check flash mode (TTL/M); ensure flash is locked onto hotshoe; verify camera flash settings.
Battery does not charge.	Faulty battery or charger; improper connection.	Ensure charger cable is properly connected; try a different power outlet; if issue persists, contact customer support for battery/charger replacement.
Flash output is inconsistent.	Incorrect FEC settings; environmental factors; flash head zoom mismatch.	Check and reset Flash Exposure Compensation (FEC); ensure flash head zoom matches lens focal length or is set to auto.
Wireless triggering fails.	Incorrect channel/group settings; distance too far; interference.	Verify master and slave units are on the same channel and group; reduce distance between units; check for obstructions.

If the problem persists after attempting these solutions, please contact Godox customer service for further assistance.

8. Specifications

Feature	Detail
Guide Number	60 (m ISO 100)
Flash Coverage	20 to 200mm (14mm with wide panel); Auto zoom, Manual zoom
Swinging/Tilting Flash Head	0 to 360° horizontally, -7° to 90° vertically
Flash Duration	1/300 to 1/20000 second
Exposure Control System	E-TTL II autoflash, Manual flash
Flash Exposure Compensation (FEC)	Manual. FEB: ±3 stops in 1/3 stop increments
Sync Mode	High-speed sync (up to 1/8000s), First-curtain sync, Second-curtain sync
Multi Flash	Provided (up to 100 times, 199Hz)
Wireless Flash Function	Master, Slave, Off
Controllable Slave Groups	3 (A, B, and C)
2.4G Wireless Transmission Range	100m
Channels	2.4G: 32 (1-32)
Auto Focus Assist Beam Effective Range	Center: 0.6~10m; Periphery: 0.6~5m
Sync Triggering Mode	Hotshoe, 2.5mm sync line, wireless control port
Color Temperature	5600±200k

Feature	Detail
Power Source	11.1V/2000mAh Li-ion Polymer Battery
Recycle Time	Approx. 1.5 seconds at full power
Full Power Flashes	Approx. 650
Product Dimensions	2.52 x 2.99 x 7.48 inches
Item Weight	1.19 pounds

9. What's in the Box

The Godox V860II-C package includes the following items:

- 1x Godox V860II-C Flash Unit
- 1x Li-ion Battery Pack
- 1x Battery Charger & Charger Cable
- 1x Mini Stand
- 1x Protection Case
- 1x Instruction Manual

Note: Additional accessories like Color Filters, Bounce Diffuser, Honeycomb Cover, and Cleaning Cloth may be included depending on the specific package or retailer.

10. Warranty and Support

Godox provides a 24-month warranty for quality-related issues from the date of purchase. For any product inquiries, technical support, or warranty claims, please contact Godox customer service. Ensure you retain your proof of purchase for warranty validation.

For assistance, please refer to the contact information provided with your product or visit the official Godox website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

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.

Submit question