GODOX V860II-C

Godox Ving V860II-C E-TTL Li-ion Flash Speedlite Instruction Manual for Canon Cameras

Model: V860II-C

1. Introduction

This manual provides detailed instructions for the safe and effective use of your Godox Ving V860II-C E-TTL Li-ion Flash Speedlite. This flash unit is specifically designed for Canon EOS cameras and supports E-TTL autoflash functionality. Please read this manual thoroughly before operation to ensure proper usage and to maximize the performance of your device.

Important Note: This V860II-C model is exclusively compatible with Canon cameras. Ensure your camera is a Canon model before attempting to use this flash.

2. Product Overview

2.1. Included Components

Upon unpacking, verify that all the following items are present:

- 1 x Godox V860II-C Camera Flash
- 1 x Li-ion Battery (VB18)
- 1 x Battery Charger
- 1 x Protection Case
- 1 x Mini Stand
- 1 x Color Filters Kit
- 1 x Diffuser
- 1 x LeaTure Lens Cloth



Image 2.1: The package contents for the Godox V860II-C flash unit, including the flash, battery, charger, case, mini stand, color filters, diffuser, and lens cloth.

2.2. Flash Components and Control Panel

Familiarize yourself with the various parts of the flash unit and its control panel for efficient operation.



Image 2.2: A detailed view of the Godox V860II-C flash, highlighting key components such as the flash head, built-in wide panel, catchlight panel, optic control sensor, focus assist beam, external power supply socket, lock ring, USB port, sync cord jack, and the control panel with its function buttons, mode selection, test button, set button, and selector dial.

2.3. Key Features

- **Guide Number (GN):** 58 (m ISO100, @105mm).
- **Flash Modes:** Supports Canon E-TTL autoflash, Manual, and Multi flash modes.
- **Wireless Functionality:** Capable as both Master and Slave unit in a wireless flash group, with built-in 2.4GHz wireless system.
- **High-Speed Sync (HSS):** Up to 1/8000 seconds, including first-curtain sync and second-curtain sync.
- **Zoom Range:** Automatic and manual zoom from 20mm to 200mm.
- **Power Source:** Pro 2000 mAh Li-ion Battery (VB18).
- **Recycle Time:** Max. 1.5 seconds.
- **Full Power Flashes:** Approximately 650 pops per charge.
- **Flash Duration:** 1/300 to 1/20000 seconds.
- **User Interface:** User-friendly LCD display and control panel.
- **Firmware:** Supports firmware upgrades.



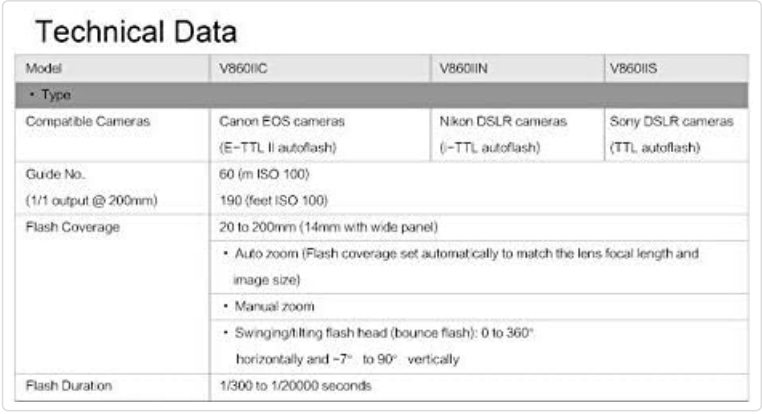
Image 2.3: An illustration of the key features of the Godox V860II-C, including its Guide Number (GN60), support for Auto Flash (TTL), Multi Flash, Master/Slave modes, Auto Exposure (S1/S2), High Speed Sync (HSS), 20mm-200mm Zoom, and Built-in 2.4GHz wireless.

3. Setup

3.1. Battery Installation

The Godox V860II-C uses a dedicated Li-ion battery (VB18). To install the battery:

1. Locate the battery compartment on the side of the flash unit.
2. Open the battery compartment cover.
3. Insert the VB18 Li-ion battery, ensuring the contacts align correctly. The battery should slide in smoothly.
4. Close the battery compartment cover until it clicks securely into place.



Technical Data

Model	V860IIC	V860IIN	V860IIS
• Type			
Compatible Cameras	Canon EOS cameras (E-TTL II autoflash)	Nikon DSLR cameras (i-TTL autoflash)	Sony DSLR cameras (TTL autoflash)
Guide No. (1/1 output @ 200mm)	60 (m ISO 100) 190 (feet ISO 100)		
Flash Coverage	20 to 200mm (14mm with wide panel)		
	• Auto zoom (Flash coverage set automatically to match the lens focal length and image size)		
	• Manual zoom		
	• Swinging/tilting flash head (bounce flash): 0 to 360° horizontally and -7° to 90° vertically		
Flash Duration	1/300 to 1/20000 seconds		

Image 3.1: Visual guide for correctly inserting the Li-ion battery into the flash unit's battery compartment.

3.2. Mounting on Camera

To attach the flash to your Canon camera's hot shoe:

1. Ensure both the flash and camera are powered off.
2. Slide the flash's mounting foot into the camera's hot shoe.
3. Rotate the lock ring on the flash unit clockwise until it is securely tightened. Do not overtighten.

4. Operating Instructions

4.1. Power On/Off

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

4.2. Flash Modes

The V860II-C supports E-TTL II Autoflash, Manual (M), and Multi (Stroboscopic) flash modes. Press the 'MODE' button to cycle through these modes.

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



Image 4.1: The Godox V860II-C is fully compatible with TTL functions for Canon EOS cameras, ensuring automatic flash exposure control.

4.3. Wireless Flash Function

The V860II-C can operate as a Master or Slave unit in a 2.4GHz wireless flash system. This allows for flexible off-camera lighting setups.

- **Master Mode:** Controls other Godox slave flashes.
- **Slave Mode:** Is controlled by a Godox master unit or another V860II-C in master mode.

4.4. High-Speed Sync (HSS)

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

4.5. Zoom Function

The flash head's zoom coverage can be set automatically to match the lens focal length or adjusted manually from 20mm to 200mm.

5. Battery Information

The V860II-C is powered by a high-capacity 2000mAh Li-ion battery (VB18), providing extended shooting times and quick recycle rates.

- **Battery Type:** Godox VB18 Li-ion Battery (DC 11.1V 2000mAh).
- **Recycle Time:** Approximately 1.5 seconds at full power.
- **Full Power Flashes:** Up to 650 flashes on a single charge.

5.1. Charging the Battery

Use the included battery charger to recharge the VB18 Li-ion battery. Connect the charger to a power outlet and insert the battery. The charger's indicator lights will show the charging status.

6. Maintenance

- Keep the flash unit dry. Do not handle with wet hands.
- Clean the flash head and body with a soft, dry cloth. Avoid using solvents or harsh chemicals.
- Store the flash in a cool, dry place when not in use.
- Regularly check for firmware updates on the official Godox website to ensure optimal performance and compatibility.

7. Troubleshooting

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

- **Flash not firing:** Ensure the battery is charged and correctly inserted. Check if the flash is securely mounted on the camera's hot shoe. Verify the flash mode and camera settings.
- **Inconsistent flash output:** Check battery level. Ensure the flash head is properly aimed and not obstructed. If in E-TTL mode, ensure camera metering is appropriate for the scene.
- **Wireless communication issues:** Verify that both master and slave units are set to the same channel and group. Ensure they are within effective range and there are no significant obstructions.
- **Flash overheating:** Continuous rapid firing can cause the flash to overheat. Allow the unit to cool down if an overheating warning appears.

For persistent issues, consult the official Godox support resources or contact customer service.

8. Specifications

Feature	Specification
Model	V860II-C
Compatible Mountings	Canon
Guide No. (1/1 output @200mm)	60 (m ISO 100) / 190 (feet ISO 100)
Flash Coverage	20 to 200mm (14mm with wide panel)
Flash Duration	1/300 to 1/20000 seconds
Flash Sync Speed	Up to 1/8000s (High-Speed Sync)
Batteries	1 Lithium Ion battery required (VB18)
Item Weight	1.65 pounds
Product Dimensions	7.48 x 3 x 2.52 inches (195mm x 75mm x 64mm)
Manufacturer	Godox
Date First Available	May 7, 2016



Image 8.1: A table detailing the technical specifications for the V860II series, including compatible cameras, guide number, flash coverage, and flash duration.

9. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Godox website. Keep your proof of purchase for any warranty claims.

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