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GODOX V860II-C KIT

Godox VING V860IIC TTL Li-Ion Flash Kit User Manual

Model: V860II-C KIT

Overview	Safety Precautions	Package Contents	Features	Setup	Operation	Maintenance
	Troubleshooting	Specifications		Warranty & Support		

1. PRODUCT OVERVIEW

The Godox VING V860IIC is a high-performance TTL Li-Ion flash kit designed for Canon cameras. It features a built-in 2.4GHz X wireless radio system, offering versatile lighting control and compatibility with Canon's E-TTL and E-TTL II systems. This flash provides a powerful guide number, wide zoom range, and flexible head rotation, making it suitable for various photographic applications. Its quick recycle time and long-lasting Li-ion battery ensure reliable performance during extended shooting sessions.



Image 1.1: The Godox VING V860II C flash unit shown with its included accessories, including the Li-ion battery, charger, mini stand, and protective pouch.

2. SAFETY PRECAUTIONS

To prevent damage to the product or injury to yourself or others, read the following safety precautions completely before using this product. Keep these safety instructions where users can read them.

- Do not disassemble or modify the flash unit. If the product breaks down, send it to an authorized maintenance center.
- Keep this 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.
- Do not leave or store the product in environments with high temperatures, such as in a car on a hot day.
- Do not fire the flash directly into human eyes, especially infants, within a short distance. This may cause eye injury.
- Always ensure the battery is inserted correctly according to polarity markings.
- Use only the specified charger and battery pack.

- Disconnect the power source when not in use for extended periods.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your retailer immediately.

- Godox VING V860IIC Flash Unit
- Li-ion Battery Pack (VB18)
- Battery Charger
- Power Cable for Charger
- Mini Stand
- Protective Case/Pouch
- Instruction Manual (this document)
- 1-Year Warranty Card



Image 3.1: All components of the Godox VING V860IIC Flash Kit, including the flash, battery, charger, power cable, mini stand, and protective pouch.

4. KEY FEATURES

The Godox VING V860IIC flash unit is equipped with advanced features for professional and enthusiast photographers:

- **Integrated 2.4GHz X Wireless Radio System:** Offers comprehensive wireless control and compatibility with other Godox X system devices.
- **Canon E-TTL / E-TTL II Compatibility:** Seamless integration with Canon's automatic flash exposure systems.
- **High Guide Number:** GN 197 (feet) / 60 (meters) at ISO 100 and 200mm, providing ample power for various lighting scenarios.
- **Versatile Zoom Range:** Automatic and manual zoom from 20-200mm, with a built-in wide-angle panel extending coverage to 14mm.
- **Flexible Head Movement:** The flash head tilts from -7 to 90 degrees and rotates 180 degrees left and right, allowing for bounce flash and creative lighting angles.
- **Wireless Master/Slave TTL Functionality:** Can act as a master or slave unit in a wireless flash setup.
- **Fast Recycle Time:** Approximately 1.5 seconds at full power, ensuring quick follow-up shots.
- **High-Speed Sync (HSS):** Supports shutter speeds up to 1/8000s, enabling flash use with wide apertures in bright conditions.
- **First and Second Curtain Sync:** Provides creative control over motion blur.
- **Rechargeable Li-ion Battery Pack:** Powers the unit for up to 650 full power flashes on a single charge, offering convenience and extended use.



GN 60

GN60

TTL

Auto Flash

⚡⚡⚡

Multi Flash

⚡➡

Master/ Slave

S1/S2

Auto Exposure

HS⚡

High Speed Sync

ZOOM
← 20 ~ 200mm →

20mm-200mm

📶

Built-in 2.4GHz

Image 4.1: Visual representation of key features including Guide Number 60, TTL Auto Flash, Multi Flash, Master/Slave, Auto Exposure (S1/S2), High Speed Sync, 20-200mm Zoom, and Built-in 2.4GHz wireless.

360° Free Rotation

Extremely Flexible and Innovative Design, New Breakthroughs.



Angle Adjustment
Horizontal: 0° - 270°
Vertical: -7 - 90°

Image 4.2: Depiction of the flash head's 360-degree free rotation capability, showing horizontal adjustment from 0-270 degrees and vertical adjustment from -7 to 90 degrees.



Build-in Godox 2.4G Wireless X system

Build-in Godox 2.4G Wireless Xsystem offers all-in- one functions and 100meters further transmission distance.

Image 4.3: Illustration highlighting the built-in Godox 2.4G Wireless X system, which offers all-in-one functions and up to 100 meters transmission distance.

5. SETUP GUIDE

5.1. Charging the Battery

Before first use, fully charge the included Li-ion battery pack.

1. Insert the VB18 Li-ion battery into the battery charger.
2. Connect the power cable to the charger and plug it into a power outlet.
3. The charging indicator on the charger will show the charging status. Once fully charged, disconnect the charger.



2000mAh



0.1-1.5S



**650 Full
Power Flashes**

Image 5.1: The Godox V860II-C flash unit alongside its 2000mAh Li-ion battery, illustrating its fast recycle time of 0.1-1.5 seconds and capacity for 650 full power flashes.

5.2. Installing the Battery

Insert the charged battery into the flash unit.

1. Locate the battery compartment on the side of the flash unit.
2. Press the battery release button (if present) and open the compartment cover.
3. Insert the Li-ion battery pack, ensuring the contacts align correctly.
4. Close the battery compartment cover securely.

5.3. Mounting the Flash on Camera

Attach the flash unit to your camera's hot shoe.

1. Slide the flash's mounting foot into the camera's hot shoe.

2. Rotate the locking ring or lever on the flash unit clockwise until it is securely tightened. Do not overtighten.
3. To remove, rotate the locking ring counter-clockwise and slide the flash off.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

Press the **ON/OFF** button to power the flash unit on or off.

6.2. Flash Modes

Press the **MODE** button to cycle through the available flash modes:

- **TTL Mode:** (Through-The-Lens) Automatic flash exposure based on camera metering.
- **M Mode:** (Manual) Manually set flash power output from 1/1 to 1/128.
- **Multi Mode:** (Stroboscopic) Fires a series of rapid flashes to capture multiple images of a moving subject in a single frame.
- **S1/S2 Mode:** (Optical Slave) The flash fires in response to another flash. S1 is a simple slave, S2 ignores the pre-flash of a TTL master.

6.3. Wireless Flash (2.4G X System)

The V860IIC can function as a master or slave unit within the Godox 2.4G X wireless system.

- **Master Mode:** Control other Godox X system flashes wirelessly. Set the V860IIC to Master mode and configure groups (A, B, C) and channels.
- **Slave Mode:** Be triggered by a Godox X system master unit (e.g., X1T-C, XPro-C, or another V860IIC in master mode). Set the V860IIC to Slave mode and match the group and channel of the master.

6.4. Sync Modes

Access sync modes via the flash menu or dedicated button (if available).

- **High-Speed Sync (HSS):** Allows flash synchronization at all shutter speeds up to 1/8000s.
- **First Curtain Sync:** The flash fires at the beginning of the exposure.
- **Second Curtain Sync:** The flash fires just before the second curtain closes, creating a trail of light behind moving subjects.



Front Curtain Sync



Rear Curtain Sync



Flash Exposure Compensation

Image 6.1: Examples of Front Curtain Sync and Rear Curtain Sync, demonstrating how flash timing affects motion blur. Also shows the concept of Flash Exposure Compensation.

6.5. Zoom Function

The flash zoom head can automatically match the lens focal length or be adjusted manually.

- **Auto Zoom:** The flash head automatically adjusts its zoom position to match the focal length of the lens mounted on the camera.
- **Manual Zoom:** Use the zoom button or dial to manually set the flash coverage from 20mm to 200mm. Pull out the wide-angle panel for 14mm coverage.

7. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, use a cloth lightly dampened with water or neutral detergent. Do not use strong solvents like thinner or benzene.
- **Battery Care:**
 - Store the battery in a cool, dry place when not in use.
 - If storing for extended periods, charge the battery to approximately 50% capacity every 3 months to

maintain battery health.

- Do not expose the battery to extreme temperatures or direct sunlight.
- **Storage:** If the flash unit will not be used for a long time, remove the battery and store the unit in a dry, dust-free environment.
- **Avoid Impact:** Protect the flash from strong impacts or drops, which can damage internal components.

8. TROUBLESHOOTING

If you encounter issues with your Godox VING V860IIC flash, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	Battery is low or not installed correctly. Flash is off. Hot shoe connection is poor. Camera flash settings are incorrect.	Charge or reinstall battery. Turn on flash. Ensure flash is securely mounted on hot shoe. Check camera's flash settings (e.g., external flash enabled).
Flash exposure is too dark/bright.	Incorrect flash exposure compensation (FEC). Incorrect manual power setting. ISO/aperture settings on camera.	Adjust FEC on flash or camera. Adjust manual power output. Check camera's ISO and aperture settings.
Flash does not sync with high shutter speeds.	High-Speed Sync (HSS) is not enabled.	Enable HSS mode on the flash unit. Ensure your camera supports HSS.
Wireless triggering fails.	Incorrect channel/group settings. Distance too far or obstructions. Interference.	Verify master and slave units are on the same channel and group. Reduce distance or remove obstructions. Try a different channel.
Long recycle time.	Battery is low. Flash has been used continuously at full power.	Recharge the battery. Allow the flash to cool down if used excessively.

9. TECHNICAL SPECIFICATIONS

Feature	Detail
Model	V860II-C KIT
Compatible Mountings	Canon E-TTL, Canon E-TTL II
Guide Number	GN 60 (m ISO 100, @200mm) / GN 197 (ft ISO 100, @200mm)
Flash Coverage	20 to 200mm (14mm with wide panel)
Auto/Manual Zoom	Yes
Flash Duration	1/300 to 1/20000 seconds
Exposure Control System	E-TTL II Autoflash, Manual Flash, Multi Flash
Flash Exposure Compensation (FEC)	±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 90 times, 99Hz)
Wireless Flash Function	Master, Slave, Off
Controllable Slave Groups	3 (A, B, C)
Transmission Range (approx.)	100 meters (328 feet)
Channels	32 (1-32)
Power Source	11.1V/2000mAh Li-ion Polymer Battery
Recycle Time	Approx. 1.5 seconds (at full power)
Full Power Flashes	Approx. 650
Dimensions (W x H x D)	7.48 x 6.89 x 2.99 inches (190 x 175 x 76 mm)
Weight (with battery)	1.76 pounds (800g)
Date First Available	January 11, 2017
Certifications	CE, FC, RoHS



CE

FC

RoHS

Image 9.1: Compliance markings including CE, FC, and RoHS, indicating adherence to international standards.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

This Godox VING V860IIC flash kit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or natural disasters.

Please retain your purchase receipt as proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Godox customer support or your authorized retailer.

Visit the official Godox website for the most up-to-date support information, FAQs, and contact details. You can also refer to the **GODOX Store on Amazon** for additional product information.

