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GODOX VC860IIO

Godox VING V860IIO TTL Li-Ion Flash Kit User Manual

Model: VC860IIO

1. Introduction

This manual provides detailed instructions for the safe and effective use of your Godox VING V860IIO TTL Li-Ion Flash Kit. Designed for Olympus and Panasonic cameras, this flash unit offers advanced features including TTL compatibility, a built-in 2.4GHz X wireless radio system, and a powerful guide number. Please read this manual thoroughly before operation to ensure optimal performance and to prevent damage to the product or injury to yourself.

Key Features:

- Built-In 2.4GHz X Wireless Radio System
- Compatible with Olympus/Panasonic TTL
- Guide Number: 197' at ISO 100 and 200mm
- Zoom Range: 20-200mm (14mm with pull-out panel)
- Tilts from -7 to 90° and Rotates Left & Right 180°
- Wireless Master/Slave TTL Functionality
- Fast Recycle Time: 1.5 Seconds at Full Power
- High-Speed, 1st and 2nd Curtain Sync
- Powered by Rechargeable Li-Ion Battery Pack

2. Safety Information

Observe the following safety precautions to prevent electric shock, fire, or damage to the product.

- Do not disassemble or modify the flash unit. High voltage components are present.
- Keep the unit dry. Do not expose to rain, moisture, or high humidity.
- Avoid direct eye exposure to the flash. It can cause temporary vision impairment.
- Keep out of reach of children.
- Use only the specified VB-18 Li-Ion battery pack and VC-18 charger. Using incompatible batteries or chargers may cause fire or explosion.
- Do not short-circuit, incinerate, or expose the battery to high temperatures.
- If the unit emits smoke, unusual odors, or excessive heat, discontinue use immediately and disconnect the battery.

3. Product Overview

The Godox VING V860IIO flash kit includes the flash unit, a VB-18 Li-Ion battery pack, a VC-18 battery charger with cable, a mini stand, and a protective case.



Figure 3.1: Godox VING V860IIO Flash Unit and VB-18 Li-Ion Battery Pack. This image displays the main flash unit alongside its dedicated rechargeable battery, highlighting the compact design of both components.

3.1 Flash Unit Components

- Flash Head (Zoomable)
- Built-in Wide Panel and Bounce Card
- LCD Display Panel

- Control Buttons (Mode, Set, Zoom, Sync, CH, Gr, On/Off, Test)
- Hot Shoe Mount with Locking Lever
- Battery Compartment
- USB Port (for firmware updates)
- 2.5mm Sync Port



Figure 3.2: Front view of the Godox V860IIO flash unit, showcasing the LCD display and control buttons. The screen displays current settings such as zoom, TTL mode, channel, and group, while the surrounding buttons allow for mode selection, setting adjustments, and power control.



Figure 3.3: Side view of the Godox V860IIO flash, illustrating the battery release button. This button is pressed to open the battery compartment and insert or remove the VB-18 Li-Ion battery.

4. Setup

4.1 Battery Installation

1. Locate the battery compartment on the side of the flash unit.
2. Press the 'Batt. Push' button (refer to Figure 3.3) and slide the battery compartment cover open.
3. Insert the VB-18 Li-Ion battery pack, ensuring the contacts align correctly.
4. Close the battery compartment cover until it clicks securely into place.

4.2 Charging the Battery

Use the included VC-18 charger and cable to charge the VB-18 battery. Connect the charger to a power outlet and insert the

battery. The indicator light on the charger will show charging status (e.g., red for charging, green for fully charged).

4.3 Mounting the Flash to a Camera

1. Ensure the camera and flash are powered off.
2. Slide the flash's hot shoe mount into the camera's hot shoe slot.
3. Rotate the locking lever on the flash unit clockwise until it is securely tightened. Do not overtighten.
4. To remove, rotate the locking lever counter-clockwise and slide the flash off.



Figure 4.1: The Godox V860IIO flash unit securely mounted on an Olympus camera. This demonstrates the proper attachment of the flash to the camera's hot shoe for integrated operation.

5. Operating Instructions

5.1 Power On/Off

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

5.2 Flash Modes

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

- **TTL Mode:** Automatic flash exposure control. The flash output is automatically adjusted based on the camera's metering system. Flash Exposure Compensation (FEC) can be adjusted using the dial.
- **Manual (M) Mode:** Allows manual adjustment of flash power output from 1/1 to 1/128 in 1/3 stop increments. Use the **SET** dial to adjust the power level.
- **Multi (Stroboscopic) Mode:** Fires a series of rapid flashes during a single exposure to capture multiple movements of a subject. Adjust flash frequency (Hz), flash count, and power output.

5.3 Zoom Function

The flash head's zoom can be set automatically or manually.

- **Auto Zoom:** The flash automatically adjusts its zoom coverage to match the lens focal length. Indicated by 'A Zoom' on the LCD.
- **Manual Zoom:** Press the **ZOOM** button and rotate the **SET** dial to manually select the desired focal length (20-200mm).
- **Wide Panel:** Pull out the built-in wide panel to extend coverage to 14mm.

5.4 Wireless Flash Function (2.4GHz X System)

The V860IIO features a built-in 2.4GHz X wireless system for master or slave operation.

- **Master Mode:** The flash unit can control other Godox X-system slave flashes. Press the **CH/Gr** button to set channels and groups.
- **Slave Mode:** The flash unit can be triggered by a Godox X-system master unit or transmitter.
- **Channels (CH):** Select a channel (1-32) to avoid interference.
- **Groups (Gr):** Assign slave flashes to different groups (A, B, C, D, E) for individual control.

5.5 Sync Functions

- **High-Speed Sync (HSS):** Allows flash synchronization at shutter speeds faster than the camera's native sync speed.
- **First Curtain Sync:** The flash fires immediately after the shutter opens.
- **Second Curtain Sync:** The flash fires just before the shutter closes, creating a trail of light behind moving subjects.

6. Maintenance

Proper maintenance ensures the longevity and reliable operation of your flash unit.

- **Cleaning:** Use a soft, dry cloth to clean the flash body. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Do not use solvents or abrasive cleaners.
- **Flash Tube:** Avoid touching the flash tube directly with bare hands. If touched, clean with a lint-free cloth moistened with alcohol.
- **Battery Care:** Store the Li-Ion battery in a cool, dry place. If not used for extended periods, charge it periodically (e.g., every 3 months) to maintain battery health.
- **Storage:** When not in use, store the flash unit in its protective case in a dry, dust-free environment. Remove the battery if storing for a long duration.

7. Troubleshooting

If you encounter issues with your Godox V860IIO flash, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Flash does not fire	Low battery; Flash not securely mounted; Incorrect camera settings; Flash in sleep mode.	Charge or replace battery; Re-mount flash securely; Check camera flash settings; Press test button to wake flash.
Flash output is too dark/bright	Incorrect flash exposure compensation (FEC); Manual power setting too high/low; Subject too far/close.	Adjust FEC; Adjust manual power output; Reposition subject or flash.
Flash overheats or emits odor	Excessive rapid firing; Internal malfunction.	Allow flash to cool down; Reduce firing frequency. If problem persists, discontinue use and contact support.
Wireless communication failure	Incorrect channel/group settings; Distance too far; Obstructions; Interference.	Verify channel and group settings on all units; Reduce distance; Ensure clear line of sight; Change channel.
Battery not charging or holding charge	Faulty battery or charger; Improper connection.	Ensure charger is properly connected; Try a different power outlet; If possible, test with another VB-18 battery or VC-18 charger. If issues persist, the battery or charger may need replacement.

8. Specifications

Feature	Detail
Model	VC860IIO
Guide Number	197' (60m) at ISO 100 and 200mm
Zoom Range	20-200mm (14mm with wide panel)
Flash Coverage	Auto zoom, Manual zoom
Bounce Function	Tilts -7 to 90°, Rotates 0 to 360° (180° left/right)
Flash Modes	TTL, Manual, Multi (Stroboscopic)
Sync Modes	High-Speed Sync (HSS), First Curtain Sync, Second Curtain Sync
Flash Duration	1/300 to 1/20000 seconds
Recycle Time	Approx. 1.5 seconds at full power
Wireless Function	Master, Slave, Off (2.4GHz X System)
Wireless Range	Up to 328' (100m)
Channels	32 (1-32)
Groups	5 (A, B, C, D, E)
Power Source	VB-18 Li-Ion Battery Pack (11.1V/2000mAh)

Feature	Detail
Full Power Flashes	Approx. 650
Dimensions (W x H x D)	2.36 x 7.48 x 2.95 inches (60 x 190 x 75 mm)
Weight (with battery)	15.2 ounces (430g)

9. Warranty and Support

This product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Godox website. For technical support, troubleshooting assistance, or service inquiries, please contact Godox customer support directly.

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