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GODOX V480N

Godox V480N Camera Flash User Manual

Model: V480N | Brand: GODOX

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective operation of your Godox V480N Camera Flash. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage to the unit or injury to yourself or others. Keep this manual for future reference.

2. KEY FEATURES

- **Universal Compatibility:** Master and slave modes in a wireless flash system, compatible with major DSLR brands including Nikon.
- **Advanced 2.4G Wireless X System:** Built-in 2.4G wireless transmission with up to 100 meters range. Compatible with XPro, X1T, and X2T series triggers. Can function as master or slave unit.
- **High-Efficiency Battery:** Rapid recycle time of 1.7 seconds with 650 full power bursts from a 2000mAh lithium battery. Supports USB-C charging.
- **Built-in LED Styling Light:** 10 levels of brightness adjustment for previewing lighting effects and precise flash direction/intensity adjustment.
- **Enhanced Bounce Angle:** Tilt range of -7° to 120° for efficient lighting setup and desirable bounce effects.
- **Impressive High-Speed Sync (HSS):** Achieves up to 1/8000s when paired with high-speed triggers like Godox Cells II Transceiver and X1 TTL wireless flash trigger. (Note: HSS not available when mounted directly on camera).

3. WHAT'S IN THE BOX

The Godox V480N Camera Flash package includes the following components:

What's in the Box



Image: All components included in the Godox V480N Camera Flash package.

- Light Body x1 (Godox V480N Camera Flash)
- Storage Bag x1
- Adapter Mini Stand x1
- Lithium Battery x1 (7.2V/2200mAh)
- Charging Plug x1
- USB-C Charging Cable x1
- Diffuser x1

4. SETUP

1. Charge the Battery:

Before first use, fully charge the included lithium battery. Connect the USB-C charging cable to the battery and the charging plug, then plug into a power outlet. The battery features a USB-C port for direct charging, eliminating the need for a separate charger.

650 Full-Power Flashes

A 7.2V/2200mAh rechargeable battery delivers up to 650 full-power flashes and recycles in just 1.7s. USB-C charging lets you top up between sessions so you can keep shooting all day.



Three icons in rounded square boxes: a Type-C charging symbol, a battery icon labeled '2200mAh Lithium Battery', and a lightning bolt with a circular arrow labeled '1.7s Recycling'.

Image: The 7.2V/2200mAh lithium battery for the Godox V480N, showing its USB-C charging port.

2. Install the Battery:

Open the battery compartment on the flash unit. Insert the charged lithium battery, ensuring correct orientation. Close the compartment securely.



Image: Detailed view of the Godox V480N, highlighting the battery compartment.

3. Mounting the Flash:

Attach the V480N to your camera's hotshoe. Ensure it is securely fastened. Alternatively, use the included mini stand for off-camera placement.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Screen Navigation

1. **Power On:** Press the power button to turn on the flash.
2. **Unlock Screen:** Rotate the dial or tap the screen to unlock the intuitive 2.0" color touchscreen.
3. **Adjust Settings:** Use the touchscreen or tactile buttons to navigate menus and adjust settings such as flash power, mode, and wireless channels.

Intuitive Touchscreen & Buttons

The V480's 2.0" color touchscreen and tactile buttons work seamlessly together to deliver fast, precise adjustments. Tap, swipe, or press buttons to navigate menus effortlessly, allowing you to change settings quickly without interrupting your workflow.



Image: The Godox V480N's 2.0" color touchscreen and tactile buttons for effortless menu navigation and settings adjustment.

Smart Distance Readout

Say goodbye to exposure guesswork. The V480's display shows real-time effective flash range, so you'll know instantly if your subject is within optimal reach—ideal for tight spaces, bounce applications, or fast-paced events.



Image: The V480N's display showing real-time effective flash range for precise exposure.

5.2 Flash Modes

The V480N offers various flash modes for creative control:

- **TTL (Through-The-Lens):** Automatic flash exposure.
- **Manual:** Allows precise control over flash power output.
- **Multi Mode:** For stroboscopic effects.
- **High-Speed Sync (HSS):** Up to 1/8000s for freezing fast motion or using wide apertures in bright conditions.
- **Front/Rear-Curtain Sync:** For dynamic motion effects.

Pro-Level Flash Modes

V480 gives you full creative control with TTL, Manual, Multi mode, and High-Speed Sync up to 1/8000s. Fine-tune your lighting with Flash Exposure Compensation, and choose between Front/Rear-Curtain Sync for dynamic motion effects. A versatile tool built for professional results.



*1/8000s with Sony cameras equipped with global shutter.

Image: Examples of professional results achievable with the V480N's versatile flash modes.

5.3 Wireless Operation (2.4G X System)

The V480N features a built-in 2.4GHz X wireless system for seamless integration with other Godox flashes and triggers.

- **Sender/Receiver Functionality:** The V480N can act as both a sender (master) and receiver (slave) unit.
- **Channel Control:** Control multiple flashes across 32 channels up to 100m away.
- **Group Control:** Adjust power for different groups of lights (A, B, C, D, E) directly from the unit.

Sender & Receiver Functionality

The built-in Godox 2.4GHz X wireless system lets the V480 act as both sender and receiver across 32 channels up to 100m away. Control multiple flashes directly from the unit—no external triggers required.



Image: The V480N in action, showcasing its ability to control other flashes wirelessly.

Your browser does not support the video tag.

Video: A demonstration of the Godox V480N's touchscreen interface, showing how to navigate menus, adjust flash power, change wireless channels, and utilize the modeling light. The video highlights the ease of use and various settings available directly on the flash unit.

5.4 Modeling Lamp

The built-in LED modeling lamp assists in previewing lighting effects and can be adjusted in 10 brightness levels.



Image: The 10-level modeling lamp feature, allowing users to preview lighting effects before shooting.

5.5 Bounce Angle Adjustment

The flash head can be tilted from -7° to 120° and rotated $0-330^{\circ}$ for flexible light direction and bounce photography.



Image: Illustration of the V480N's flexible bounce head, showing its extensive tilt and rotation capabilities.

6. MAINTENANCE

- Keep the device dry. Do not handle with wet hands or immerse in water.
- Avoid sudden temperature changes, which may cause condensation.
- Clean the flash unit with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Store the flash in a cool, dry place, away from direct sunlight and excessive heat.
- Remove the battery if the flash will not be used for an extended period.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; Incorrect mode; Wireless interference.	Charge battery; Select appropriate flash mode (TTL/Manual); Change wireless channel/ID.
Flash output is inconsistent.	Battery low; Overheating protection; Incorrect settings.	Recharge battery; Allow unit to cool down; Verify flash power and camera settings.
Screen is unresponsive.	Screen locked; Software glitch.	Rotate dial or tap screen to unlock; Power cycle the unit.

8. SPECIFICATIONS

- **Model:** V480N
- **Product Dimensions:** 8.26 x 7.28 x 3.22 inches
- **Item Weight:** 1.68 pounds
- **Batteries:** 1 Lithium Ion battery required (included)
- **Compatible Mountings:** Hotshoe
- **Flash Sync Speed:** 1/8000s (HSS)
- **Recycle Time:** 1.7 seconds (full power)
- **Full Power Flashes:** Approximately 650
- **Wireless System:** 2.4G Wireless X System
- **Wireless Range:** Up to 100 meters
- **Manufacturer:** Godox

Lightweight Portability

Weighing just 282g (361g with battery), the V480 fits comfortably in your hand and slips into any camera bag. Stay lightweight on location while enjoying powerful flash performance.



Image: The compact and lightweight design of the Godox V480N, weighing just 282g (361g with battery).

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Godox website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may visit the [GODOX Store on Amazon](#).