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GODOX V480N

Godox V480N Camera Flash Instruction Manual

Model: V480N | Brand: GODOX

1. PRODUCT OVERVIEW

The Godox V480N is a high-performance camera flash designed for Nikon cameras, offering advanced features for professional and enthusiast photographers. Its intuitive touchscreen interface and robust wireless capabilities provide precise control and flexibility in various lighting scenarios.



Image: The Godox V480N camera flash shown with its included accessories, including the battery, charger, diffuser, and carrying pouch.

2. SETUP

2.1 Installing the Flash

To install the flash onto your camera, slide the V480N into the camera's hot shoe. Rotate the lock ring clockwise until it is securely tightened. Ensure the flash is firmly seated to prevent accidental detachment during use.



Video: Demonstrates inserting the flash into the camera's hot shoe and tightening the lock ring.

2.2 Installing the Battery

Insert the provided 7.2V/2200mAh Li-ion battery into the battery compartment of the flash unit. Follow the direction indicators inside the compartment to ensure correct polarity. Close the battery compartment cover securely.

Video: Shows the process of inserting the Li-ion battery into the flash unit.

2.3 Charging the Battery

The V480N's 7.2V/2200mAh rechargeable battery can be charged directly via its USB-C port. Connect the provided USB-C cable to the flash unit and a suitable USB power adapter. The charging indicator will show the charging status.

Video: Illustrates connecting the USB-C cable to the flash for charging.

2.4 What's in the Box

The Godox V480N package typically includes the following items:

- Godox V480N Camera Flash Unit
- 7.2V/2200mAh Li-ion Battery
- USB-C Charging Cable
- USB Power Adapter
- Mini Stand
- Protective Case
- Wide-angle Diffuser
- Cleaning Cloth

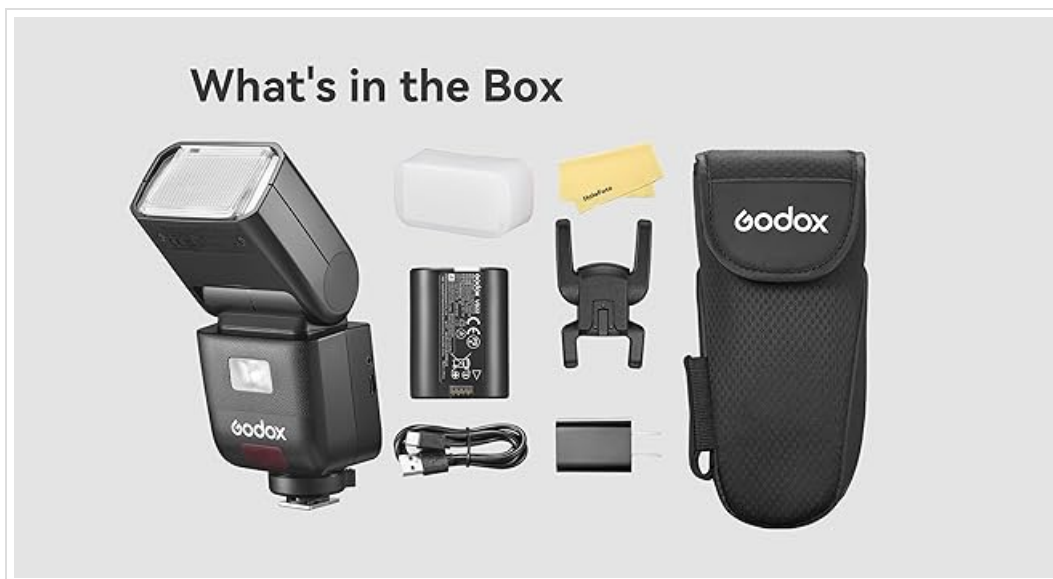


Image: A visual representation of all items included in the Godox V480N product box.

3. OPERATING THE FLASH

3.1 Power On/Off

To power on the V480N, long-press the power button. To unlock the screen and begin operation, touch the screen or rotate the dial following the on-screen arrow. To power off, long-press the power button again.

Video: Demonstrates powering on the flash and unlocking the screen.

3.2 Touchscreen & Buttons

The V480N features a 2.0" color touchscreen and tactile buttons for navigation. Swipe down on the touchscreen to open the function menu, and swipe up to go back. Swipe left to enter mode selection. Double-tap the power button to open or exit the function menu. Rotate the dial to choose an option and press the set button to confirm. The test button can be pressed to fire a test flash.



Video: Illustrates the use of the touchscreen and physical buttons for navigation and function selection.

3.3 M Mode (Manual Mode)

In Manual (M) mode, you can adjust the flash power by tapping the +/- icons or dragging the slider on the touchscreen. Alternatively, rotate the dial to select the desired power level and press the set button to confirm.



Video: Demonstrates adjusting flash power in Manual mode using both touchscreen and dial.

3.4 TTL Mode (Through-The-Lens)

To switch to TTL mode, tap the 'M' icon on the screen. In TTL mode, you can adjust the exposure compensation by tapping the +/- icons or dragging the slider. This allows for fine-tuning of the automatic exposure provided by the camera's metering system.



Video: Shows how to switch to TTL mode and adjust exposure compensation.

3.5 Zoom Setting

The V480N allows you to select between Auto Zoom and Manual Zoom. Tap the zoom setting on the screen to access the options and choose your preferred focal length for the flash coverage.



Video: Demonstrates selecting zoom settings for the flash.

3.6 Sender Mode

The V480N can act as a sender in a Godox 2.4GHz X wireless system. To pair with other Godox 2.4 GHz wireless flashes, navigate to the wireless settings and initiate wireless sync. Long-press the group box to switch between M (Manual), TTL, or OFF for individual groups. Tap +/- or drag the slider to adjust power for that group. You can also adjust all groups at once by tapping +/- outside any group box.



Video: Explains how to set up and control the flash in Sender Mode, including group and power adjustments.

3.7 Receiver Mode

The V480N can also function as a receiver, syncing wirelessly with an X3 transmitter. Navigate to the wireless settings and select Receiver mode. Tap the group icon to enter group settings, then choose the specific group (A, B, C, D, E) you wish to control.



Video: Demonstrates configuring the flash as a receiver and selecting control groups.

3.8 Stroboscopic (Multi) Mode

In Multi mode, you can select the group, power, number of flashes, and frequency (Hz) for stroboscopic effects. This

allows for capturing multiple images of a moving subject in a single frame.



Video: Shows how to set parameters for Stroboscopic (Multi) mode.

3.9 Modeling Light

The V480N features a built-in LED modeling lamp with 10 adjustable brightness levels. This allows you to preview how your flash will shape shadows and highlights before firing the main flash, aiding in precise light setup.



Video: Demonstrates adjusting the brightness of the modeling light.

3.10 Screen Lock

To prevent accidental changes to settings, the screen can be locked. Long-press the screen or the set button for 2 seconds to unlock it.



Video: Shows how to lock and unlock the flash screen.

3.11 Pull-Out Panels

The V480N is equipped with a pull-out catchlight panel for crisp, sparkling eyes in portraits and a wide-angle diffuser panel to soften and broaden coverage for groups or environmental portraits. These built-in tools allow for instant light shaping without additional attachments.



Video: Demonstrates the use of the pull-out catchlight and wide-angle diffuser panels.

3.12 Sync Triggering

For wired triggering, the V480N includes a 2.5 mm sync port. This port can be used with a sync cable or an external trigger for reliable flash synchronization.



Video: Shows how to connect a sync cable to the flash and camera for wired triggering.

4. MENU FUNCTIONS

Access the main menu to configure various settings of your Godox V480N flash.



Video: Overview of the main menu options and navigation.

- **Sender Flash:** Toggle the sender flash function On/Off.
- **Power Type:** Adjust the power output type.
- **TCM (TTL Convert to Manual):** Convert TTL metering values to Manual mode settings.
- **m/ft:** Switch between meters and feet for distance display.
- **Standby:** Enable or disable standby mode.
- **Auto Off:** Set the auto-off timer (e.g., 60 minutes).
- **Model:** Choose between 'Continue' or 'Interrupt' for modeling light behavior.

- **Screen:** Adjust screen brightness and standby time.
- **Language:** Select the display language (e.g., English).
- **Factory Reset:** Restore the flash to its default factory settings.
- **Device Info:** View device model and firmware version.

5. WIRELESS SETTINGS

Configure the wireless communication settings for your V480N flash.



Video: Demonstrates setting Channel and ID for wireless communication.

- **Channel & ID Settings:** Manually set the wireless channel and ID, or use the wireless sync function to automatically pair with compatible Godox 2.4GHz X system devices.

6. OTHER FUNCTIONS

Explore additional functions and settings available on your Godox V480N flash.



Video: Overview of various other functions including sync modes, optical trigger, and beep settings.

- **Sync Mode:** Select between Front-curtain sync, High-speed sync (HSS) up to 1/8000s, and Rear-curtain sync for various creative effects.
- **Optical Trigger:** Enable S1 or S2 optical receiver mode for triggering the flash by another flash.
- **Beep:** Turn the audible beep On or Off for confirmation of flash readiness and other operations.

7. ACCESSORIES

The Godox V480N is compatible with a range of accessories to expand its functionality and light shaping capabilities.



Video: Demonstrates attaching various accessories to the flash unit.

- **S2 Bracket:** Allows mounting the V480N to Bowens-mount light modifiers such as softboxes and reflectors.
- **RFT-13 Pro Standard Reflector (Bowens mount):** A standard reflector for directing and concentrating light.
- **SFUV Softbox / S65T Quick Release Umbrella Softbox:** Softboxes for creating soft, diffused light.
- **S-R2 Adapter:** Used to attach Godox AK-R1 Kit accessories to the V480N.
- **AK-R1 Kit:** A versatile kit of magnetic light modifiers including a dome diffuser, diffuser plate, four-wing reflector, bounce card, honeycomb grid, color filters, and a snoot.



Image: The Godox V480N flash shown with the S2 bracket and various AK-R1 kit accessories, demonstrating compatibility.

8. SPECIFICATIONS

Feature	Value
Model Number	V480N
Brand	GODOX
Compatible Mountings	Nikon Cameras (i-TTL autoflash)
Flash Sync Speed	1/8000s (HSS)
Battery	7.2V/2200mAh Li-ion (included)
Full-Power Flashes	Up to 650
Recycle Time	1.7s
Modeling Lamp	10-Level LED
Connectivity Technology	Wireless (2.4GHz X System)
Item Weight	12.7 ounces (361g with battery)
Package Dimensions	8.27 x 7.48 x 3.15 inches

9. TROUBLESHOOTING

If you encounter issues with your Godox V480N flash, please refer to the following common troubleshooting steps:

- **Flash not firing:** Ensure the flash is securely mounted on the camera's hot shoe and the lock ring is tightened. Check battery level and ensure the flash is powered on. Verify the camera's flash settings are correctly configured (e.g., external flash enabled).
- **Wireless sync issues:** Confirm that both the flash and the transmitter (if used) are set to the same channel and ID. Ensure both devices are in the correct mode (Sender/Receiver). Check for obstructions or excessive distance between devices.
- **Inconsistent exposure:** In TTL mode, check the exposure compensation settings. In Manual mode, verify the

power output setting. Ensure the flash head zoom matches the lens focal length or is set to Auto.

- **Screen unresponsive:** Try long-pressing the screen or set button for 2 seconds to unlock it. If the issue persists, power cycle the unit.
- **Battery not charging:** Ensure the USB-C cable and power adapter are correctly connected and functional. Check for any debris in the USB-C port.
- **Flash overheating:** Continuous high-power flashes can cause the unit to overheat. Allow the flash to cool down if an overheating warning appears. Reduce flash frequency or power output.

For persistent issues, consider performing a factory reset via the menu. If problems continue, contact Godox customer support.

10. WARRANTY AND SUPPORT

The Godox V480N Camera Flash comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty duration and coverage details. For technical support, service, or warranty claims, please contact Godox customer service through their official website or the contact information provided in your product documentation. Keep your proof of purchase for warranty validation. You can also visit the official Godox website for the latest firmware updates, FAQs, and additional support resources.