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› Godox V480N TTL Flash for Nikon User Manual

## GODOX V480N

# Godox V480N TTL Flash for Nikon User Manual

Model: V480N

## INTRODUCTION

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This manual provides detailed instructions for the safe and effective operation of your Godox V480N TTL Flash for Nikon. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage to the unit or injury to yourself.

## SAFETY INFORMATION

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- Do not disassemble or modify the flash unit.
- Keep the unit dry. Do not expose to rain or moisture.
- Keep out of reach of children.
- Use only the specified battery and charger.
- Avoid direct eye exposure to the flash light.

## PRODUCT OVERVIEW

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The Godox V480N is a high-performance TTL flash designed for Nikon cameras, featuring a built-in 2.4G wireless system, a 2.0-inch color touchscreen, and a powerful lithium battery.

## Components



Figure 1: Godox V480N TTL Flash unit with included accessories including a mini stand, diffuser, storage bag, adapter, lithium battery, and USB-C charging cable.

- Flash Head
- 2.0" Color Touchscreen
- Control Dial and Buttons
- Hot Shoe Mount
- Battery Compartment
- USB-C Port (for firmware updates)
- Modeling Lamp
- Built-in Diffuser and Catchlight Panel

## SETUP

### 1. Battery Installation and Charging



## 650 FULL-POWER FLASHES



**650**  
Full Flashes



**1.7s**  
Recycle Time



**Type-C**  
Charging



**2200mAh**  
Lithium Battery



Figure 2: The V480N uses a 7.2V/2200mAh rechargeable lithium battery, which can be charged via USB-C.

1. Open the battery compartment cover.
2. Insert the 7.2V/2200mAh lithium battery, ensuring correct polarity.
3. Close the battery compartment cover.
4. To charge the battery, connect the USB-C charging cable to the battery's USB-C port and a power source. The battery can be charged independently or while inserted in the flash.

## 2. Mounting the Flash to Your Camera

Godox

V480 N

TTL Li-ion Camera Flash



HD Touchscreen



GN 50



Compact & Portable



2.4 GHz Wireless



10-Level LED Lamp



Full Flash Modes



Figure 3: The Godox V480N TTL Flash securely mounted on a Nikon camera's hot shoe.

1. Slide the flash hot shoe onto your Nikon camera's hot shoe mount.
2. Rotate the locking lever clockwise until the flash is securely fastened.

## OPERATING INSTRUCTIONS

### 1. Power On/Off and Basic Interface



Figure 4: The 2.0-inch color touchscreen and tactile buttons provide intuitive control over flash settings.

- Press and hold the power button to turn the flash on or off.
- The 2.0-inch color touchscreen allows for quick adjustments. Tap, swipe, or use the control dial and buttons to navigate menus and change parameters.

## 2. Flash Modes

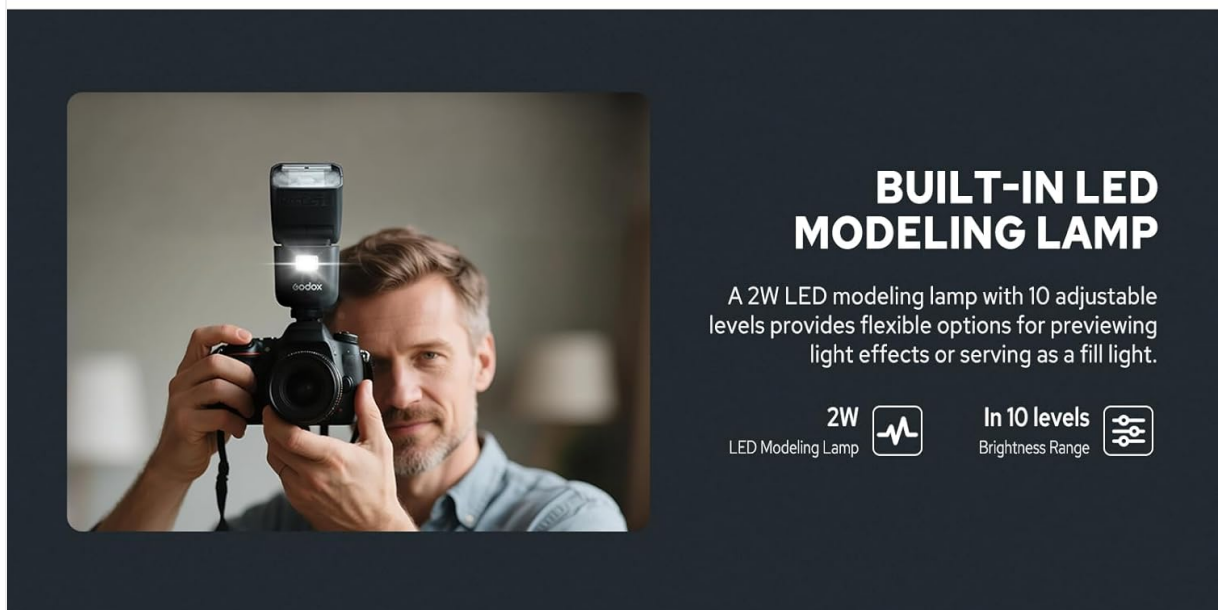
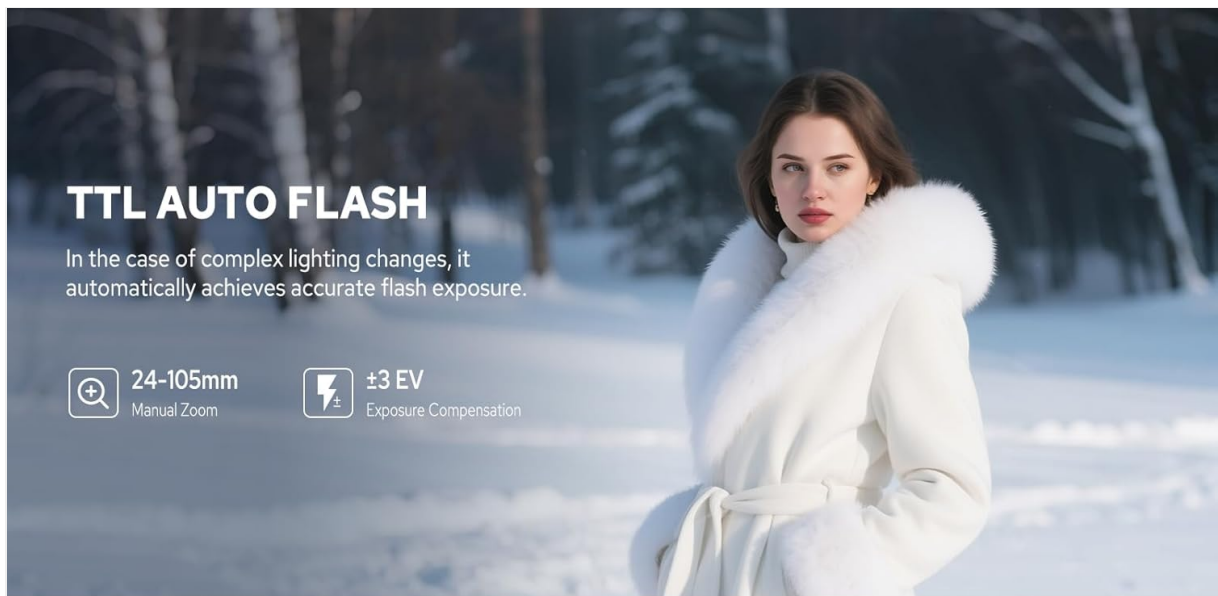


Figure 5: The V480N supports TTL auto flash for accurate exposure and includes a built-in LED modeling lamp.

- **TTL Auto Flash Mode:** The flash automatically adjusts output for correct exposure. Supports flash exposure compensation (FEC) up to  $\pm 3$  EV.
- **Manual (M) Mode:** Allows manual control over flash power from 1/256 to 1/1 in 0.1 or 0.3 stop increments.
- **Multi (Stroboscopic) Mode:** Fires a series of rapid flashes for creative motion effects.
- **High-Speed Sync (HSS):** Enables flash synchronization at shutter speeds up to 1/8000s, useful for freezing fast action or using wide apertures in bright conditions.
- **Front/Rear-Curtain Sync:** Choose between synchronizing the flash at the beginning or end of the exposure for dynamic motion effects.

### 3. 2.4G Wireless X System

# BUILT-IN GODOX 2.4GHZ X WIRELESS SYSTEM

**5 Groups**  
(M, A, B, C, D)

**CH1-CH32**  
Channels

**OFF/01~99**  
ID

**100m/328ft**  
Transmission Distance (approx.)



Figure 6: The V480N integrates with the Godox 2.4G X wireless system, allowing it to function as both a sender and receiver.

- The V480N can act as a master or slave unit within the Godox 2.4G X wireless system.
- Supports 5 groups (M, A, B, C, D) and 32 channels (CH1-CH32).
- Wireless ID settings (OFF/01-99) prevent interference.
- Transmission distance is approximately 100m (328ft).
- One-tap synchronous pairing simplifies setup with other Godox X system devices.

## 4. Modeling Lamp and Light Shapers

# Godox

TTL 锂电池顶闪光灯  
TTL Li-ion Camera Flash

# V480

⚠ GB WARNING: PROFESSIONAL ELECTRONIC EQUIPMENT. READ MANUAL BEFORE USE. KEEP AWAY FROM SMALL CHILDREN. THIS PACKING IS NOT TOY.  
⚠ DE WARNUNG: PROFESSIONELLE ELEKTRONISCHE AUSRÜSTUNG. BITTE LESEN SIE DAS HANDBUCH VOR DEM GEBRAUCH. WEIT WEG VON DEN KINDERN. DIESE VERPACKUNG IST KEIN SPIELZEUG.  
⚠ FR AVERTISSEMENT: ÉQUIPEMENTS ÉLECTRONIQUES PROFESSIONNELS. VEUILLEZ LIRE LE MANUEL AVANT UTILISATION, LOIN DES ENFANTS. L'EMBALLAGE N'EST PAS UN JOUET.  
⚠ IT ATTENZIONE: ATTREZZATURE ELETTRONICHE PROFESSIONALI. SI PREGA DI LEGGERE IL MANUALE PRIMA DELL'USO. ALLONTANATI DAI BAMBINI. LA CONFESIONE NON È UN GIOCATTOLO.  
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⚠ PL UWAGA: SPECJALISTYCZNY SPRZĘT ELEKTRONICZNY PRZED ROZPOCZĘCIEM PRACY PRZECZYTAJ BROSZURĘ TRZYMAJ SIĘ Z DALA OD DZIECI TO NIE JEST ZABAWKA  
⚠ CZ VAROVÁNÍ: PROFESIONÁLNÍ ELEKTRONIKA PŘED POUŽITÍM SI PŘEČTĚTE BROŽURU DRŽ SE DÁL OD DĚTÍ TOHLE NENÍ HRÁČKA

- **触屏操控 & 实体按键**：双模式交互，灵敏高效。
- **专业闪光性能**：支持 TTL/M/Multi，内置神牛 2.4G 无线 X 系统。
- **精准功率调控**：1/256 至 1/1 功率，以 ±0.1 档或 ±0.3 档调节。
- **一键无线配对**：与 X3 系列引闪器快速无线同步。
- **紧凑便携**：小巧设计，随行无忧，散热优秀确保持续拍摄。
- **强劲锂电续航**：USB-C 接口充电，全功率闪光高达 650 次。
- **Touch Screen & Button**: Dual-mode interactive control for intuitive operation.
- **Pro Flash Performance**: Supports TTL, M and multi flashes, built-in wireless X system.
- **Precise Power Adjustment**: From 1/256 to 1/1 with ±0.1 or ±0.3 step fine-tuning.
- **Instant Wireless Pairing**: Quick sync with X3 series flash triggers.
- **Pocket-size Pro**: Professional performance in an ultra-portable body.
- **Efficient Li-ion System**: Upgraded USB-C port and 650 full power flashes.



不同机型的显示和触点请以实物为准。  
Please refer to the actual product for the displays and contacts of different models.

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执行标准号：GB 4943.1 godox.com Made in China

产品名称：TTL 锂电池顶闪光灯  
Product Name: TTL Li-ion Camera Flash

型号/Model: V480 C



Wechat  
Official Account  
神牛微信公众号



Figure 7: The flash head includes a slide-out catchlight panel and a snap-on wide-angle diffuser for versatile lighting control.

- The 2W LED modeling lamp (5300K±300) has 10 adjustable levels for previewing light effects or serving as a fill light.
- A built-in reflector and slide-out catchlight panel help create sparkling eye reflections.
- A snap-on wide-angle diffuser is included to soften and broaden light coverage. When the diffuser is used, the flash zoom is fixed at 14mm.

## 5. Flexible Bounce Head

## FLEXIBLE BOUNCE HEAD

Tilt from  $-7^{\circ}$  to  $120^{\circ}$  and swivel a full  $330^{\circ}$  for precise bounce angles.



**-7-120°**  
Vertical Rotation

**0-330°**  
Horizontal Rotation



## LIGHTWEIGHT PORTABILITY

Weighing just 282g (361g with battery), the V480 fits comfortably in your hand and slips into any camera bag.

9.95oz  
Net Weight (Without Battery)



6.54\*2.8\*1.93in  
Dimension



Figure 8: The flash head can tilt from  $-7^{\circ}$  to  $120^{\circ}$  vertically and swivel  $330^{\circ}$  horizontally for precise bounce lighting.

- The flash head can be tilted from  $-7^{\circ}$  to  $120^{\circ}$  and swiveled  $330^{\circ}$  for various bounce and off-axis lighting techniques.

## MAINTENANCE

- Clean the flash unit regularly with a soft, dry cloth. Do not use solvents or abrasive cleaners.
- Ensure the hot shoe contacts are clean and free of debris.
- When not in use for extended periods, remove the battery and store the flash in a cool, dry place.
- Periodically check for firmware updates on the Godox official website and update the flash via the USB-C port if available.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; incorrect camera settings; flash not securely mounted.	Charge or replace battery; check camera flash settings; ensure flash is securely mounted and locked.
Flash output is inconsistent.	Incorrect flash mode; environmental interference in wireless mode.	Verify flash mode (TTL/M); change wireless channel or ID.
Flash overheats.	Excessive continuous firing.	Allow the flash to cool down. Reduce the frequency of full-power flashes.
Touchscreen unresponsive.	Temporary software glitch.	Turn the flash off and on again. If issue persists, check for firmware updates.

## SPECIFICATIONS

Feature	Detail
Model	V480N
Guide Number (GN)	50 (at ISO 100, 105mm)
Flash Coverage	24 to 105mm (Auto/Manual Zoom)
Flash Duration	1/300 to 1/20000 seconds
Exposure Control System	TTL Autoflash, Manual Flash, Multi Flash
Flash Exposure Compensation (FEC)	±3 EV in 1/3 stop increments
Sync Mode	High-Speed Sync (up to 1/8000s), First-Curtain Sync, Second-Curtain Sync
Wireless Flash	2.4G Wireless X System (Master/Slave)
Wireless Range	Approx. 100 meters (328 feet)
Channels	32 (1-32)
Groups	5 (A, B, C, D, E)
Power Source	7.2V/2200mAh Lithium Battery
Full Power Flashes	Approx. 650
Recycle Time	Approx. 1.7 seconds
Modeling Lamp	2W LED (5300K±300), 10 levels
Dimensions (W x H x D)	Approx. 6.54 x 2.8 x 1.93 inches (16.6 x 7.1 x 4.9 cm)
Weight (with battery)	Approx. 1.76 pounds (800g)

## WHAT'S IN THE BOX

- 1x Godox V480N Nikon Flash
- 1x Storage Bag
- 1x Diffuser
- 1x Adapter
- 1x Mini Stand
- 1x Lithium Battery
- 1x USB-C Charging Cable

## **WARRANTY AND SUPPORT**

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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.

Official Godox Website: [www.godox.com](http://www.godox.com)