GODOX V480N

Godox V480N Camera Flash Instruction Manual

Model: V480N

1. Introduction

The Godox V480N is a compact and powerful TTL Li-ion camera flash designed for Nikon cameras, offering advanced features for professional and enthusiast photographers. This manual provides detailed instructions for the proper setup, operation, and maintenance of your V480N flash unit, ensuring optimal performance and longevity.



Image: Godox V480N TTL Li-ion Camera Flash, highlighting its compact design and comprehensive control features.

2. What's in the Box

Carefully unpack your Godox V480N flash unit and verify that all components are present:

- Flash Body x1
- Lithium Battery x1
- Diffuser x1

- Adapter x1
- Mini Stand x1
- USB-C Charging Cable x1
- Storage Bag x1



Image: All items included in the Godox V480N package, laid out for inspection.

3. Product Features

- **Intuitive Touchscreen & Buttons:** The V480N features a 2.0-inch color touchscreen and tactile buttons for fast and precise adjustments. Navigate menus by tapping, swiping, or pressing buttons to quickly change settings without workflow interruption.



Image: The V480N's touchscreen interface showing flash settings.

- **Smart Distance Readout:** The display provides real-time effective flash range, indicating if your subject is within optimal reach. This feature is beneficial for tight spaces, bounce applications, or fast-paced events.



Image: A photographer using the V480N, with the smart distance readout visible on the flash screen.

- **Sender & Receiver Functionality:** The integrated Godox 2.4GHz X wireless system allows the V480N to function as both a sender and receiver across 32 channels up to 100m. This enables control of multiple flashes directly from the unit without external triggers.

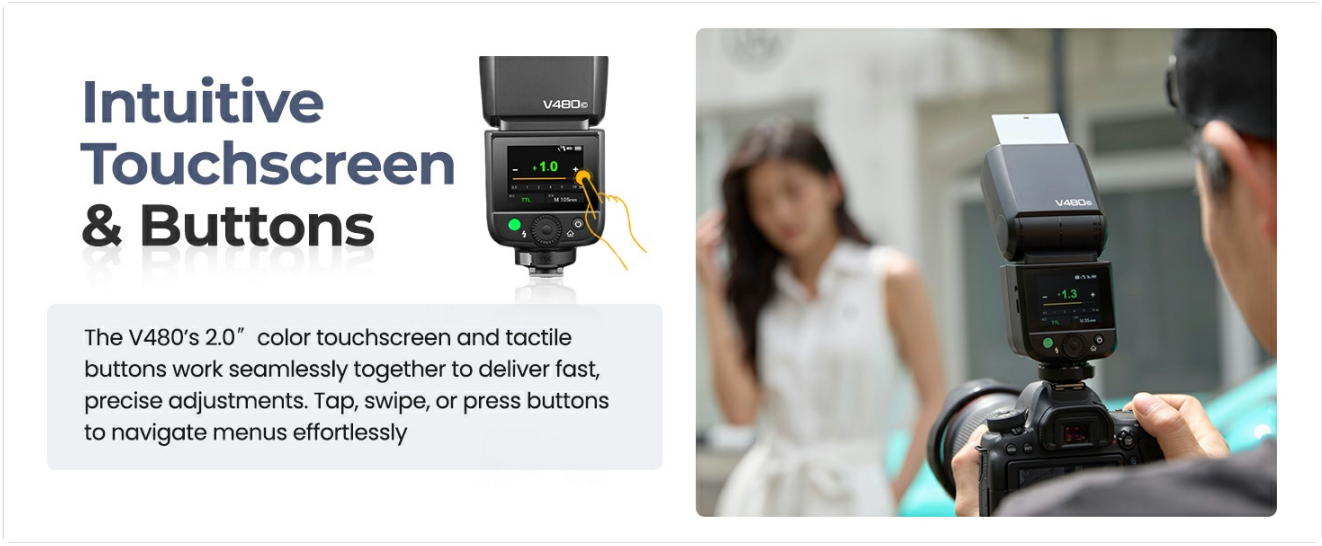


Image: A photographer utilizing the V480N's wireless capabilities with an off-camera flash setup.

- **Pro-Level Flash Modes:** Offers full creative control with TTL, Manual, Multi mode, and High-Speed Sync (HSS) up to 1/8000s. Fine-tune lighting with Flash Exposure Compensation and choose between Front/Rear-Curtain Sync for dynamic motion effects.

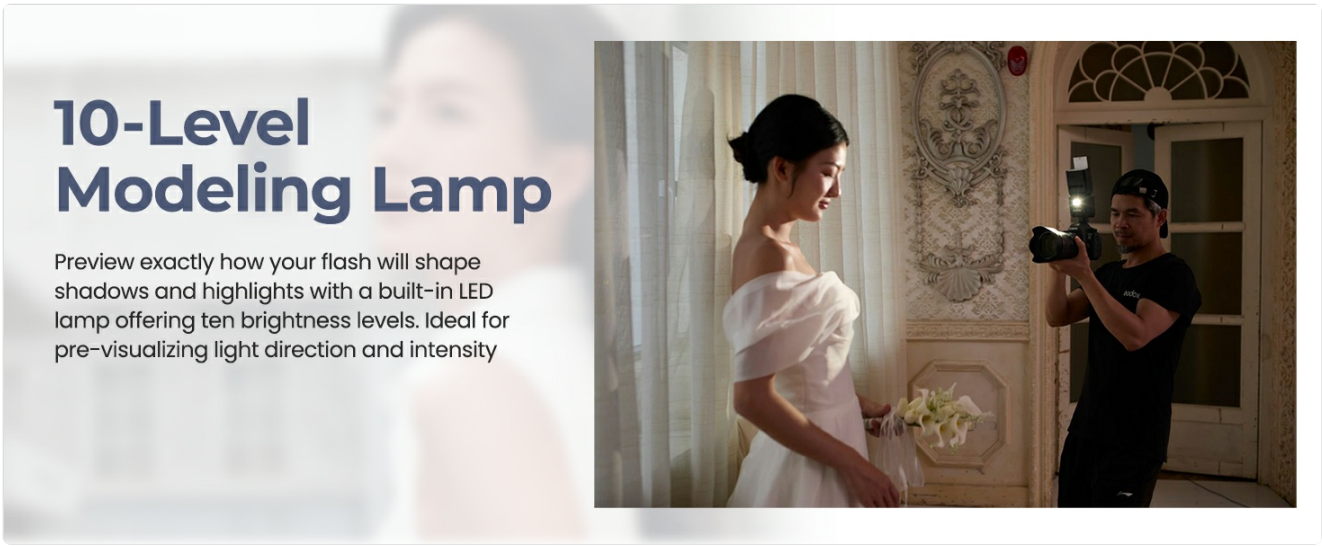


Image: A wedding photo illustrating the professional results achievable with the V480N's flash modes.

- **Lightweight Portability:** Weighing 282g (361g with battery), the V480N is designed for comfortable handling and easy transport in any camera bag, providing powerful flash performance on location.

Image: The V480N flash unit held in a hand, demonstrating its compact size.

- **650 Full-Power Flashes:** A 7.2V/2200mAh rechargeable Li-ion battery provides up to 650 full-power flashes with a quick 1.7s recycle time. USB-C charging allows for convenient recharging between sessions.



Image: The V480N's battery and USB-C charging cable, illustrating its power capabilities.

- **10-Level Modeling Lamp:** A built-in LED modeling lamp with ten brightness levels allows for pre-visualization of flash effects, helping to fine-tune light direction and intensity before firing the main flash.



Image: A photographer using the V480N's modeling lamp to adjust lighting on a subject.

- **Flexible Bounce Head:** The flash head tilts from -7° to 120° and swivels a full 330° for precise bounce angles. This flexibility allows for soft, natural fill light or striking side light using walls, ceilings, or floors.

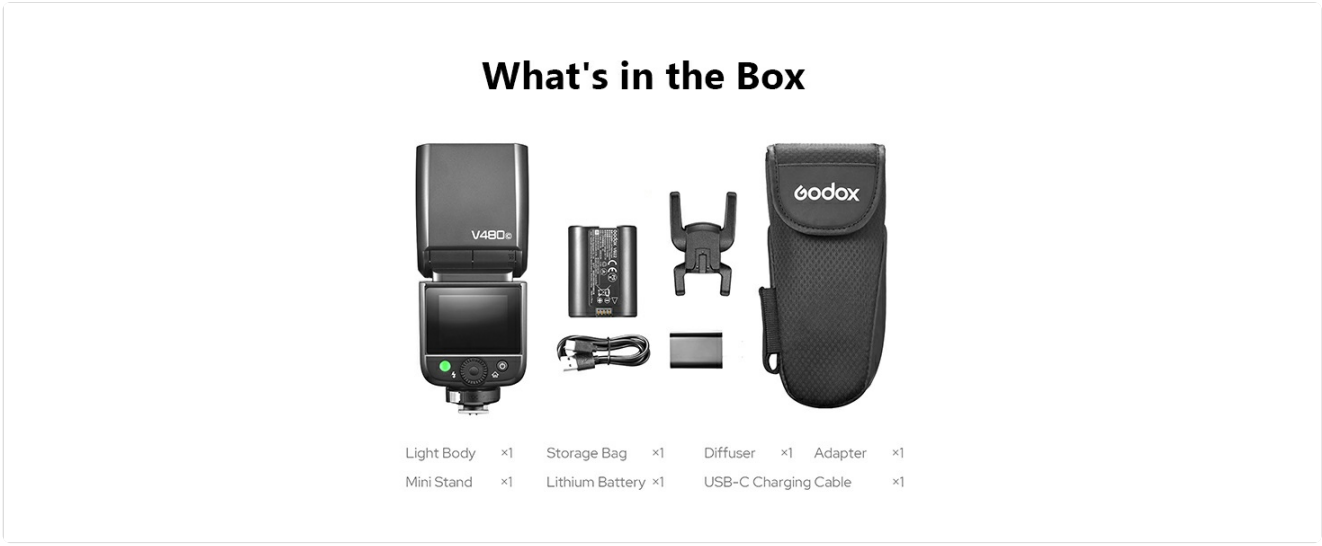


Image: Diagram illustrating the extensive tilt and swivel capabilities of the V480N's flash head.

- **Creative Light Shapers:** Includes a catchlight panel for sparkling eyes and a wide-angle diffuser to soften and broaden coverage. These built-in tools allow for instant light shaping without additional attachments.

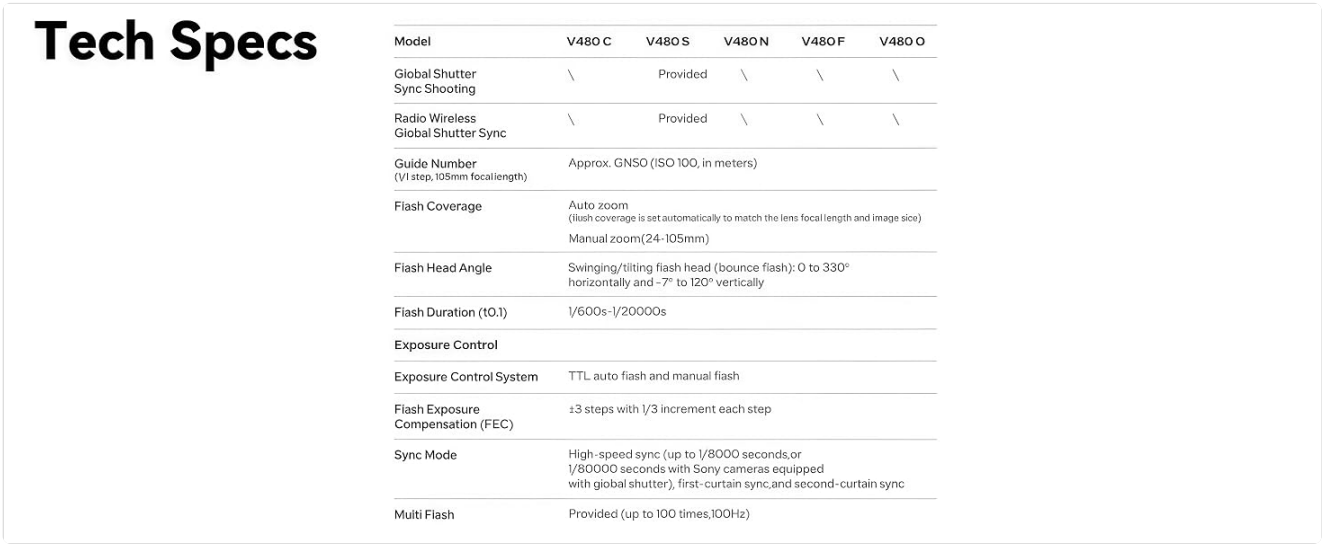


Image: Examples of using the V480N's built-in light shapers for different effects.

- **Extensive Accessory Compatibility:** Expand creative options by attaching the Godox AK-R1 Kit via the S-R2 adapter, or use Bowens-mount softboxes and reflectors with the S2 bracket.

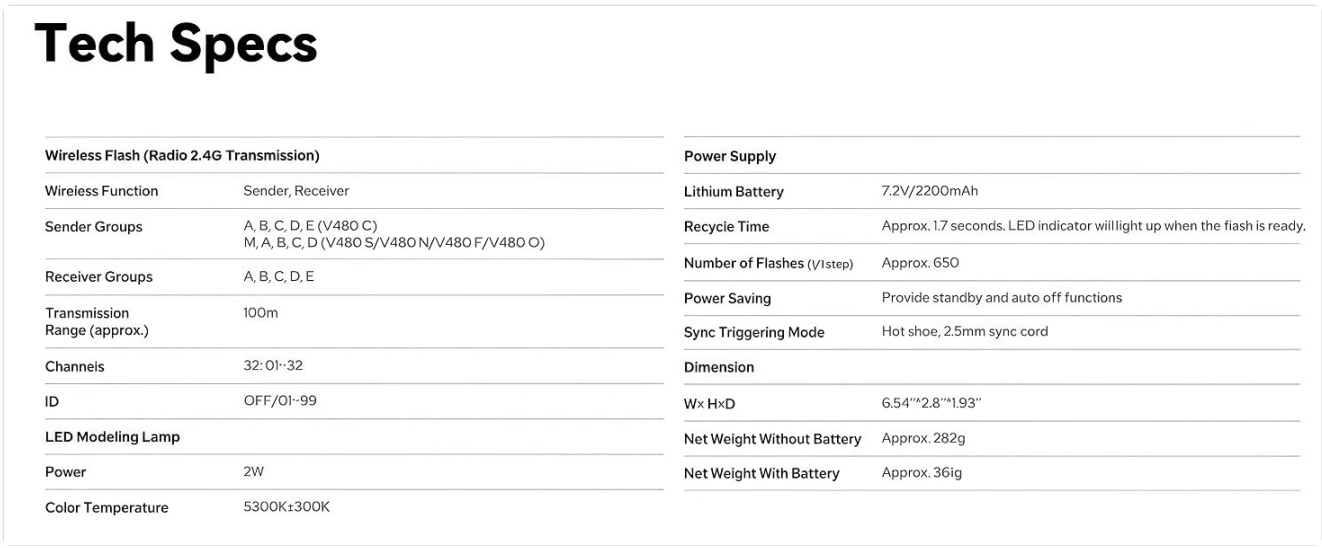


Image: The V480N demonstrating compatibility with a range of Godox accessories.

4. Setup

4.1 Battery Installation and Charging

1. Open the battery compartment cover on the side of the flash unit.
2. Insert the provided 7.2V/2200mAh Li-ion battery, ensuring correct polarity.
3. Close the battery compartment cover securely.
4. To charge the battery, connect the USB-C charging cable to the flash unit and a compatible USB power source. The charging indicator will show the charging status.

4.2 Mounting the Flash to Your Camera

1. Slide the V480N's hotshoe foot into your camera's hotshoe mount.
2. Tighten the locking ring or lever on the flash unit to secure it firmly to the camera.
3. Ensure the flash is properly seated and locked to prevent accidental detachment.



Image: The Godox V480N flash securely mounted onto a camera's hotshoe.

5. Operating Instructions

5.1 Power On/Off

Press and hold the power button to turn the flash unit on or off.

5.2 Mode Selection

Use the touchscreen or navigation buttons to select desired flash modes:

- **TTL Mode:** (Through-The-Lens) Automatically adjusts flash output for correct exposure.
- **Manual Mode (M):** Allows manual control over flash power output.
- **Multi Mode (Stroboscopic):** Fires a series of rapid flashes for creative motion effects.

- **High-Speed Sync (HSS):** Enables flash synchronization at shutter speeds faster than the camera's native sync speed, up to 1/8000s.

5.3 Adjusting Flash Settings

Utilize the touchscreen interface to adjust parameters such as:

- **Flash Exposure Compensation (FEC):** Adjust flash output relative to the camera's metered exposure.
- **Zoom:** Manually adjust the flash head's zoom position to match the lens focal length.
- **Sync Modes:** Select Front-Curtain Sync or Rear-Curtain Sync for different motion blur effects.

5.4 Wireless Operation

The V480N can act as a master or slave unit within the Godox 2.4GHz X wireless system. Refer to the detailed wireless control section in the full manual for pairing and group settings.

5.5 Modeling Lamp

Activate the 10-level LED modeling lamp to preview lighting effects before taking a shot. Adjust brightness via the touchscreen.

5.6 Bounce Head Adjustment

The flash head can be tilted and swiveled to direct light indirectly. Gently adjust the head to bounce light off ceilings, walls, or reflectors for softer illumination.

6. Maintenance

6.1 Cleaning

Regularly clean the flash unit with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive materials.

6.2 Battery Care

To prolong battery life, fully charge the Li-ion battery before first use. If storing the flash for an extended period, charge the battery to approximately 50% and store it in a cool, dry place. Avoid fully discharging the battery frequently.

6.3 Firmware Updates

Check the official Godox website periodically for firmware updates. Firmware updates can improve performance, add new features, or fix bugs. Follow the instructions provided by Godox for safe firmware installation.

7. Troubleshooting

- **Flash Not Firing:**
    - Ensure the flash is securely mounted on the camera's hotshoe.
    - Check if the battery is charged and correctly inserted.
    - Verify that the flash is powered on and not in sleep mode.
    - Confirm camera and flash settings are compatible (e.g., correct sync mode).
- **Inconsistent Exposure:**
    - In TTL mode, ensure the subject is within the effective flash range.

- In Manual mode, adjust power output as needed.
- Check for obstructions between the flash and subject.

- **Touchscreen Unresponsive:**
  - Ensure hands are clean and dry, as cold or damp conditions can affect responsiveness.
  - Restart the flash unit.

- **Diffuser Not Fitting Securely:**
  - Ensure the diffuser is correctly aligned with the flash head.
  - Apply gentle but firm pressure to snap it into place.

8. Specifications

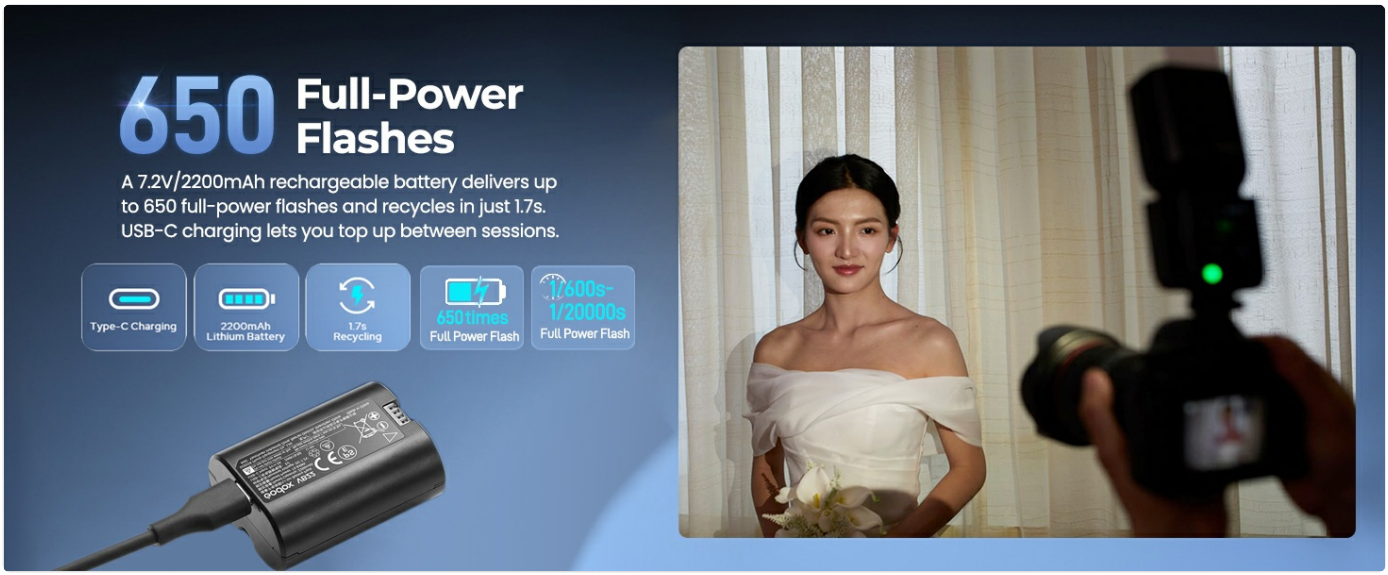


Image: Technical specifications for the Godox V480N flash unit.

Feature	Specification
Model	V480N
Guide Number	Approx. GN50 (ISO 100, in meters)
Flash Coverage	Auto zoom (flash coverage is set automatically to match the lens focal length and image size), Manual zoom (24-105mm)
Flash Head Angle	Swinging/tilting flash head (bounce flash): 0 to 330° horizontally and -7° to 120° vertically
Flash Duration (t0.1)	1/300s-1/20000s
Exposure Control System	TTL auto flash and manual flash
Flash Exposure Compensation (FEC)	±3 stops with 1/3 increment each step
Sync Mode	High-speed sync (up to 1/8000 seconds), first-curtain sync and second-curtain sync
Multi Flash	Provided (up to 100 times, 100Hz)

Feature	Specification
Wireless Flash (Radio 2.4G Transmission)	Sender/Receiver Function
Sender Groups	A, B, C, D, E (V480 C), M, A, B, C, D (V480 S/V480 N/V480 F/V480 O)
Receiver Groups	A, B, C, D, E
Transmission Range (approx.)	100m
Channels	32: 01-32
ID	OFF/01-99
LED Modeling Lamp Power	2W
Color Temperature	5300K±300K
Power Supply	Lithium Battery 7.2V/2200mAh
Recycle Time	Approx. 1.7 seconds. LED indicator will light up when the flash is ready.
Number of Flashes (approx.)	650
Power Saving	Provide standby and auto off functions
Dimension (W×H×D)	6.54"×2.8"×1.93"
Net Weight Without Battery	282g
Net Weight With Battery	361g

9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official Godox website. For technical support, product inquiries, or service, please contact Godox customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

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