## GODOX for Sony

# GODOX V480 S TTL Camera Flash for Sony User Manual

Model: for Sony | Brand: GODOX

## Introduction

This manual provides detailed instructions for the safe and effective use of your GODOX V480 S TTL Camera Flash. The V480 is a versatile speedlight designed for Sony cameras, featuring a 2.0-inch color touchscreen, multiple flash modes including TTL and HSS, a built-in modeling lamp, and robust wireless capabilities. Please read this manual thoroughly before operation to ensure optimal performance and longevity of your device.

## What's in the Box

- Light Body (Camera Flash)
- Storage Bag
- Diffuser
- Adapter
- Lithium Battery
- USB-C Charging Cable
- Mini Stand




Image: The GODOX V480 S TTL Camera Flash shown with its complete set of accessories, including the flash unit, battery, charger, USB-C cable, mini stand, diffuser, and storage bag.

## Setup

### 1. Battery Installation and Charging

The GODOX V480 uses a 7.2V/2200mAh rechargeable lithium battery. Ensure the battery is fully charged before first use.

1. Open the battery compartment cover on the flash unit.
2. Insert the lithium battery, ensuring correct polarity.
3. Close the battery compartment cover securely.
4. To charge, connect the USB-C charging cable to the flash unit and a compatible USB power source. The battery can also be charged externally with a dedicated charger (sold separately).




Image: The rechargeable lithium battery for the GODOX V480 flash, shown connected to a USB-C charging cable, highlighting its charging capability.

### 2. Mounting to Camera

The V480 is designed to mount onto your camera's hotshoe.

1. Slide the flash's mounting foot into your camera's hotshoe.
2. Rotate the locking ring or lever on the flash unit to secure it firmly in place.

## Operating Instructions

### 1. Intuitive Touchscreen & Buttons

The V480 features a 2.0-inch color touchscreen and tactile buttons for quick and precise adjustments. You can tap, swipe, or press buttons to navigate menus and change settings.

# 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: Close-up view of the GODOX V480's 2.0-inch color touchscreen, demonstrating its menu navigation and settings display.

## 2. Pro-Level Flash Modes

The V480 offers various flash modes for creative control:

- **TTL (Through-The-Lens):** Automatic flash exposure based on camera metering.
- **Manual:** Manually set flash power output.
- **Multi Mode:** Fires a series of rapid flashes for stroboscopic effects.
- **High-Speed Sync (HSS):** Allows flash synchronization at shutter speeds up to 1/8000s (or 1/80000s with Sony cameras equipped with global shutter).
- **Flash Exposure Compensation (FEC):** Adjust flash output relative to the camera's metered exposure.
- **Front/Rear-Curtain Sync:** Synchronize flash with the beginning or end of the shutter curtain movement for dynamic motion effects.

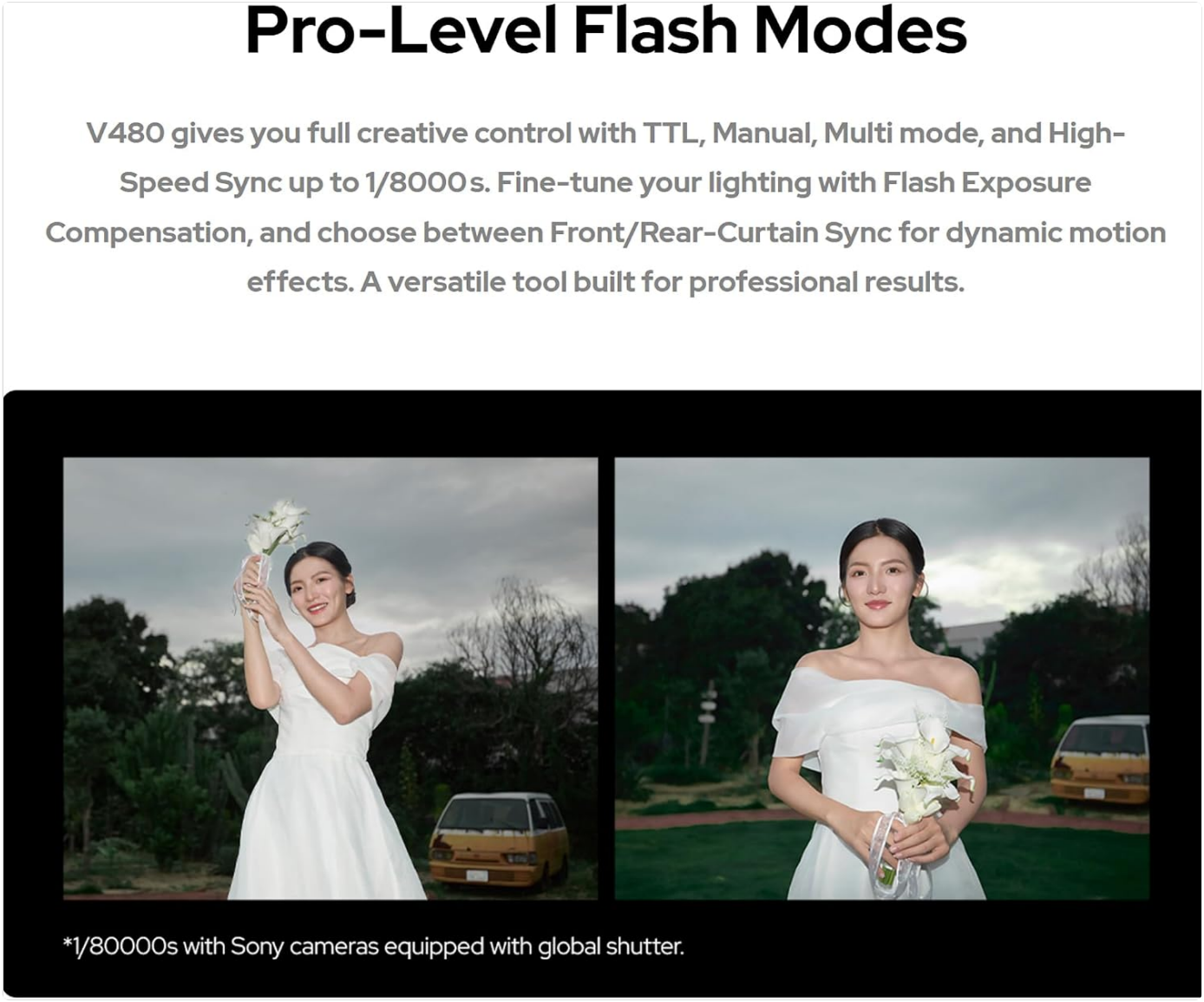



Image: Two example photographs demonstrating the creative possibilities with the GODOX V480's flash modes, showcasing different lighting effects.

### 3. 10-Level Modeling Lamp

The built-in LED modeling lamp offers ten brightness levels, allowing you to preview how your flash will shape shadows and highlights before firing the main flash. This assists in fine-tuning your lighting setup.

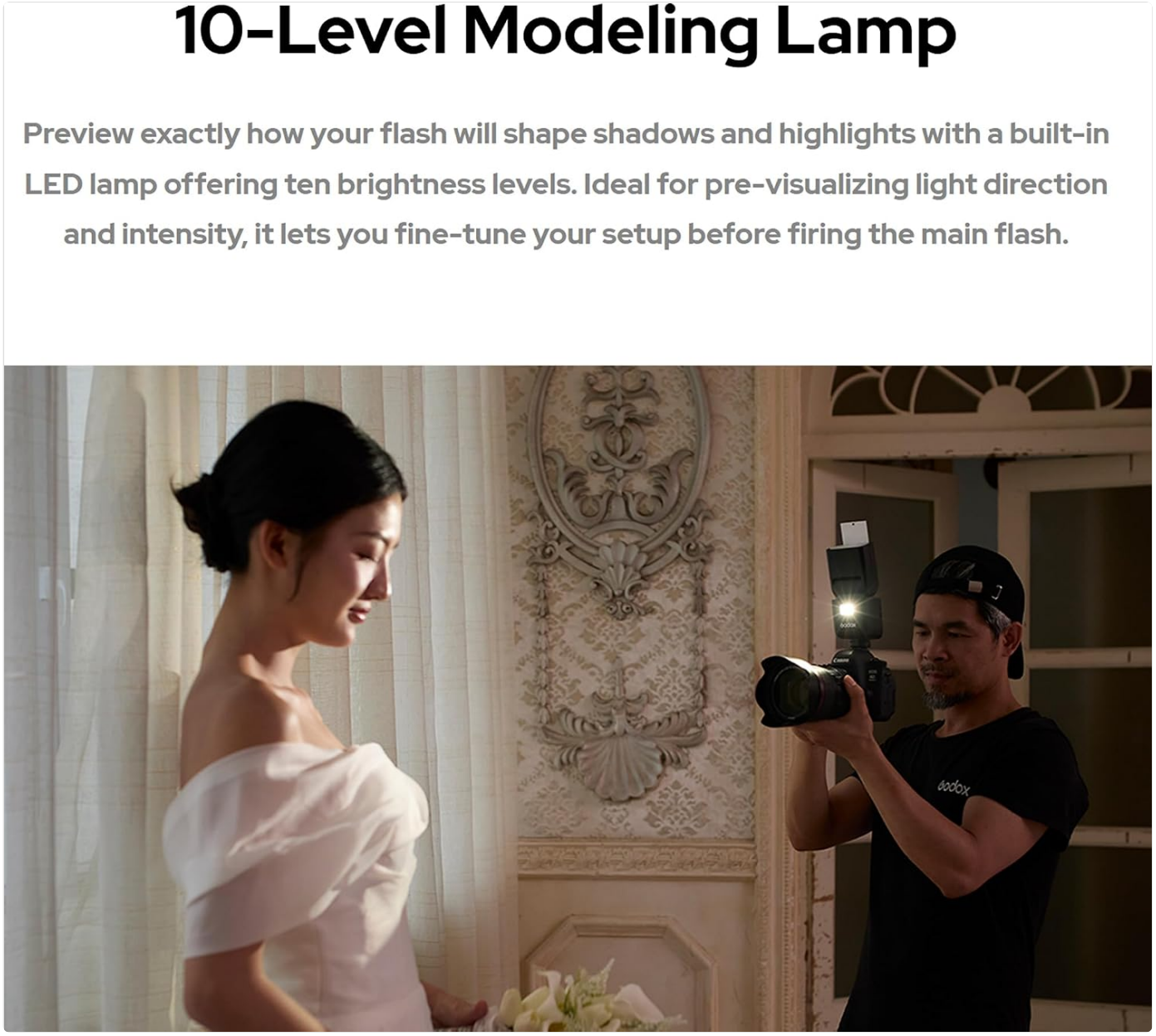



Image: A photographer using the GODOX V480 flash, with its modeling lamp illuminating the subject, demonstrating its utility for pre-visualization.

## 4. Wireless Sender & Receiver Functionality

The V480 integrates a Godox 2.4 GHz X wireless system, enabling it to function as both a sender and receiver. This allows control of multiple flashes across 32 channels up to 100m away without external triggers.

# Sender & Receiver Functionality

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




Image: A GODOX V480 flash mounted on a camera, wirelessly triggering another GODOX flash unit equipped with a softbox, illustrating its sender and receiver capabilities.

## 5. Flexible Bounce Head

The flash head can tilt from -7° to 120° and swivel a full 330° (0-330°). This flexibility allows you to bounce light off walls, ceilings, or floors to create soft, natural fill light or striking side light, adapting to various shooting environments.




Image: A diagram illustrating the range of motion for the GODOX V480's bounce head, showing its tilt from -7° to 120° and swivel up to 330°.

## 6. Creative Light Shapers

The V480 includes built-in tools to shape your light:

- **Catchlight Panel:** Slide in the integrated catchlight panel for crisp, sparkling reflections in your subject's eyes.
- **Wide-Angle Diffuser:** Snap on the wide-angle diffuser to soften and broaden light coverage, ideal for groups or environmental portraits.




Image: The GODOX V480 flash demonstrating its built-in catchlight panel and wide-angle diffuser, showing how these tools can modify light output.

### 7. Extensive Accessory Compatibility

Expand your creative options by attaching Godox AK-R1 Kit accessories via the S-R2 adapter, or use Bowens-mount softboxes, reflectors, and more with the S2 bracket.




Image: A visual representation of the GODOX V480's compatibility with various accessories, including the AK-R1 Kit and Bowens-mount modifiers via adapters.

## Maintenance

### 1. Battery Care

- Always use the provided charger or a compatible GODOX charger for optimal battery life.
- Do not expose the battery to extreme temperatures.
- If storing the flash for an extended period, charge the battery to approximately 50% and remove it from the unit.

### 2. Cleaning

- Use a soft, dry cloth to clean the flash body and screen.
- For stubborn marks, a slightly damp cloth with mild detergent can be used, ensuring no liquid enters the unit.
- Avoid using harsh chemicals or abrasive materials.

### 3. Storage

- Store the flash in a cool, dry place away from direct sunlight and excessive humidity.
- Use the provided storage bag for protection during transport and storage.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Flash does not fire. | Low battery; incorrect mode; flash not securely mounted; camera settings. | Charge battery; check flash mode (TTL/Manual); ensure flash is firmly seated on hotshoe; verify camera flash settings. |
| Flash output is too bright/dark. | Incorrect flash power setting (Manual mode); FEC adjustment; subject distance. | Adjust manual power; modify FEC; ensure subject is within effective flash range. |
| Wireless triggering not working. | Incorrect channel/group; distance too far; interference. | Verify sender and receiver are on the same channel and group; reduce distance; try a different channel. |

| Problem | Possible Cause | Solution |
|---|---|---|
| Slow recycle time. | Low battery; high power output. | Recharge battery; reduce flash power output. |

## Specifications

| Feature | Detail |
|---|---|
| Guide Number | GN50 |
| High-Speed Sync (HSS) | Up to 1/8000s (1/80000s with global shutter Sony cameras) |
| Wireless System | 2.4GHz Godox X Wireless System |
| Full Power Flashes | Approx. 650 |
| Recycle Time | Approx. 1.7s |
| Modeling Lamp | 10 Levels LED Light |
| Battery | 7.2V/2200mAh Rechargeable Lithium Battery |
| Charging Port | USB-C |
| Weight (with battery) | 361g (approx. 1.54 pounds) |
| Dimensions | 8.27 x 7.48 x 3.15 inches (Package) |
| Compatible Mountings | Sony Alpha |

## Warranty & Support

GODOX products are covered by a manufacturer's warranty. For specific warranty terms, service, or technical support, please refer to the official GODOX website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.
For more information and product registration, visit the Official GODOX Store on Amazon.

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