

GODOX V480F

Godox V480F TTL Camera Flash

Model: V480F | Brand: GODOX
Instruction Manual for Fujifilm Cameras

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Godox V480F TTL Camera Flash. The V480F is a high-performance speedlite designed for Fujifilm cameras, featuring a 2.0-inch color touchscreen, 2.4GHz wireless system, and a powerful Li-ion battery. Please read this manual thoroughly before operation to ensure optimal performance and to prevent damage to the unit or injury to yourself.

2. SAFETY PRECAUTIONS

- Do not disassemble or modify the flash unit. Repairs should only be performed by authorized service personnel.
- Keep the unit dry. Do not expose to rain, moisture, or high humidity.
- Avoid direct eye exposure to the flash. The intense light can cause temporary vision impairment.
- Handle the Li-ion battery with care. Do not short-circuit, incinerate, or expose to extreme temperatures. Use only the specified charger.
- Keep out of reach of children.
- Ensure the flash is securely mounted to the camera or stand to prevent accidental drops.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Flash Body x1
- Storage Bag x1
- Diffuser x1
- Adapter x1
- Lithium Battery x1
- Mini Stand x1
- USB-C Charging Cable x1



Image: All components included in the Godox V480F package.

4. PRODUCT FEATURES

4.1 Intuitive Touchscreen & Buttons

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



Image: The V480F's touchscreen interface.

4.2 Smart Distance Readout

The V480's display provides a real-time effective flash range, allowing users to confirm if the subject is within optimal reach for various shooting conditions, including tight spaces or bounce applications.



Image: Flash mounted on camera showing distance readout.

4.3 Sender & Receiver Functionality

The integrated Godox 2.4GHz X wireless system enables the V480 to function as both a sender and a receiver. It supports 32 channels and a range of up to 100 meters, allowing control of multiple flashes without external triggers.



Image: Wireless flash setup with the V480F.

4.4 Pro-Level Flash Modes

The V480 supports TTL, Manual, Multi mode, and High-Speed Sync (HSS) up to 1/8000s. It also includes Flash Exposure Compensation and Front/Rear-Curtain Sync for various creative lighting effects.

4.5 Lightweight Portability

Weighing approximately 282g (361g with battery), the V480 is designed for portability, fitting comfortably in hand and most camera bags.



Image: The V480F held in hand, demonstrating its compact size.

4.6 650 Full-Power Flashes

The 7.2V/2200mAh rechargeable Li-ion battery provides up to 650 full-power flashes with a recycle time of approximately 1.7 seconds. USB-C charging allows for convenient recharging.



Image: The V480F battery connected for USB-C charging.

4.7 10-Level Modeling Lamp

A built-in LED modeling lamp offers ten brightness levels, allowing users to preview how the flash will shape shadows and highlights before firing the main flash.



Image: The V480F's modeling lamp in use.

4.8 Flexible Bounce Head

The flash head can tilt from -7° to 120° and swivel a full 330° , providing flexibility for bouncing light off walls, ceilings, or floors to achieve soft, natural fill light or specific side lighting.

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: Illustration of the flexible bounce head movement.

4.9 Creative Light Shapers

The flash includes a built-in catchlight panel and a wide-angle diffuser. The catchlight panel creates sparkling eye reflections, while the wide-angle diffuser softens and broadens light coverage.

Lightweight Portability

Weighing just 282 g (361 g 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 V480F with its integrated light shaping tools.

4.10 Extensive Accessory Compatibility

The V480 is compatible with various accessories, including the Godox AK-R1 Kit (via S-R2 adapter) and Bowens-mount softboxes or reflectors (using the S2 bracket).

Creative Light Shapers

Slide in the catchlight panel for crisp, sparkling eyes or snap on the wide-angle diffuser to soften and broaden coverage for groups or environmental portraits. These built-in tools let you shape your light instantly—no extra attachments required.



Image: Accessory compatibility diagram for the V480F.

5. GETTING STARTED

5.1 Battery Installation

1. Ensure the flash unit is powered off.
2. Locate the battery compartment on the side or rear of the flash unit.
3. Open the compartment cover.
4. Insert the provided 7.2V/2200mAh Li-ion battery, ensuring correct polarity.
5. Close the battery compartment cover securely.

5.2 Mounting the Flash

1. Slide the flash's hot shoe onto your Fujifilm camera's hot shoe mount.
2. Tighten the locking ring or lever on the flash unit to secure it to the camera.

5.3 Powering On/Off

Press and hold the power button (usually located on the side or rear) for a few seconds to turn the flash unit on or off. The touchscreen will illuminate upon power-on.

6. OPERATING INSTRUCTIONS

6.1 Mode Selection

Use the touchscreen or navigation buttons to select your desired flash mode:

- **TTL (Through-The-Lens) Mode:** The flash automatically adjusts output for correct exposure.
- **Manual (M) Mode:** Manually set flash power output (e.g., 1/1 to 1/256).
- **Multi (Stroboscopic) Mode:** Fires a series of rapid flashes during a single exposure to capture multiple movements.

6.2 High-Speed Sync (HSS)

Activate HSS mode to use flash at shutter speeds faster than your camera's native sync speed (up to 1/8000s). This is useful for overpowering ambient light or using wide apertures in bright conditions.

6.3 Flash Exposure Compensation (FEC)

In TTL mode, FEC allows you to fine-tune the flash output by adjusting it up or down in increments (e.g., +/- 3 stops).

6.4 Using the Modeling Lamp

Press the dedicated modeling lamp button or access it via the touchscreen. Adjust brightness levels from 1 to 10 to preview lighting effects.

6.5 Adjusting Bounce Head

Gently tilt and swivel the flash head to direct light. The head can tilt from -7° to 120° and swivel 330° horizontally. Ensure the head clicks into place at desired angles.

6.6 Wireless Operation (2.4GHz X System)

To use the V480 as a wireless sender or receiver:

1. Access the wireless settings menu on the touchscreen.
2. Select 'Master' for sender mode or 'Slave' for receiver mode.
3. Set the desired channel (1-32) and group (A, B, C, D, E) to match other Godox X system units.
4. Ensure the ID setting is consistent across all units for reliable communication.

7. MAINTENANCE

7.1 Cleaning

Wipe the flash unit with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Do not use solvents or abrasive cleaners. Keep the hot shoe contacts clean and free of debris.

7.2 Battery Care

- Charge the battery fully before first use.
- Recharge the battery when the low battery indicator appears.
- If storing the flash for an extended period, charge the battery to approximately 50% and remove it from the unit. Recharge every 3-6 months to maintain battery health.

7.3 Storage

Store the flash unit in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag for protection.

8. TROUBLESHOOTING

8.1 Flash Not Firing

- Check if the flash is powered on and the battery is charged.
- Ensure the flash is securely mounted to the camera's hot shoe.
- Verify camera and flash settings are compatible (e.g., flash mode, sync speed).
- Clean the hot shoe contacts on both the flash and camera.

8.2 Exposure Issues (Too Bright/Dark)

- Adjust Flash Exposure Compensation (FEC) in TTL mode.
- In Manual mode, adjust the flash power output.
- Check camera ISO, aperture, and shutter speed settings.
- Ensure the flash head is pointed correctly (if bouncing).

8.3 Battery Not Charging

- Verify the USB-C cable and adapter are properly connected and functional.
- Ensure the battery is correctly inserted into the charger.
- If the battery is completely depleted, it may take a few minutes for the charging indicator to appear.

8.4 Wireless Communication Problems

- Confirm all units (sender and receiver) are set to the same channel and group.
- Check that the wireless ID settings match.
- Ensure units are within the 100m operating range and there are no significant obstructions.
- Check for potential interference from other 2.4GHz devices.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model	V480F
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)	1/600s-1/20000s
Exposure Control	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)
Wireless Flash (2.4G Transmission)	Sender, Receiver
Sender Groups	A, B, C, D, E (V480C); M, A, B, C, D, E (V480S/V480N/V480F/V480O)
Receiver Groups	A, B, C, D, E
Transmission Range (approx.)	100m

Feature	Specification
Channels	32 (01-32)
ID	OFF/01-99
LED Modeling Lamp Power	2W
Color Temperature	5300K \pm 300K
Power Supply	7.2V/2200mAh Lithium Battery
Recycle Time	Approx. 1.7 seconds
Number of Flashes (approx.)	650
Power Saving	Standby and auto off functions provided
Sync Triggering Mode	Hot shoe, 2.5mm sync cord
Dimensions (W x H x D)	6.54" x 2.8" x 1.93"
Net Weight Without Battery	Approx. 282g
Net Weight With Battery	Approx. 361g
Compatible Mountings	Compatible with FUJIFILM Cameras (e.g., X-Pro2, X-T20, X-T2, X-T1, GFX50s, GFX50R, X-T30, X-T4, X-T3, X-H2, X-T50, X-S20, X-T5, X-Pro1, X-T10, X-E1, X-A3, X100F, X100T)

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Godox products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Godox website for specific terms and conditions regarding your region and purchase date. Keep your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or service inquiries, please contact Godox customer support through their official website or your local distributor. You can find more information and resources on the [GODOX Store on Amazon](#).

