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GODOX V480C

Godox V480C Camera Flash Instruction Manual

MODEL: V480C

High Output, Built-in Lithium Battery, 1/8000s HSS, 2.4GX Wireless TTL

1. PRODUCT OVERVIEW

The Godox V480C is a compact and powerful camera flash designed for Canon cameras, offering professional lighting capabilities. It features a robust GN50 guide number, a responsive touchscreen interface, and advanced wireless functionality.



Figure 1: Godox V480C TTL Li-ion Camera Flash - Compact Design, Complete Control.

Key Features:

- **GN50 High Output:** Delivers professional lighting in a compact design.
- **Intuitive Touchscreen & Physical Controls:** Responsive 2.0-inch color touchscreen and physical

buttons for easy navigation and parameter adjustments.

- **High-Speed Performance:** 1/8000s HSS and a rapid 1.7s recycle time for wide-aperture use in bright daylight and freezing fast motion.
- **Advanced 2.4GX Wireless TTL System:** Built-in 2.4G wireless transmission up to 100m, compatible with XPro, X1T, or X2T triggers. Functions as master or slave unit.
- **Long-Lasting Battery:** Built-in 7.2V/2200mAh Li-ion battery offers up to 650 full-power flashes and fast recycling. USB-C charging minimizes downtime.
- **10-Level LED Modeling Lamp:** Built-in 2W LED modeling lamp (5300K±300) with ten brightness levels for pre-visualizing light effects.
- **Flexible Bounce Head:** Tilts from -7° to 120° and swivels a full 330° for precise bounce angles.
- **Compatibility:** Designed for Canon R, RP, R5, R7, R6II, R50, R8, R5C, R10, R100, R5II, R3, 80D, 90D, 7D, 6D, 70D, 750D, 760D, 5DMarkIV, EOS 1DX, 6DMarkII, 77D, 800D, 5DMarkIII, 5DMarkII, 60D, 7D Mark II, 600D, 50D, 30D, 40D, 500D, M6II, M5, M3, M50, 200DII, 1500D, 3000D cameras.

2. SETUP

2.1 What's in the Box

- Light Body (x1)
- Lithium Battery (x1)
- Diffuser (x1)
- Mini Stand (x1)
- USB-C Charging Cable (x1)
- Storage Bag (x1)
- Adapter (x1)



Figure 2: Included items in the Godox V480C package.

2.2 Battery Installation

The Godox V480C is powered by a built-in 7.2V/2200mAh Li-ion battery. To install, open the battery compartment cover, align the battery according to the direction indicators, and gently push it into place until it clicks. Close the cover securely.

Your browser does not support the video tag.

Video 1: This video demonstrates the installation of the battery into the Godox V480C flash unit, along with other operational aspects.

2.3 Charging the Battery

The battery can be charged directly via the USB-C port located on the flash unit. Connect the provided USB-C charging cable to the flash and a compatible USB power source. The charging indicator will show the charging status.

Pro-Level Flash Modes

V480 gives you full creative control with TTL, Manual, Multi mode, and High-Speed Sync up to 1/8000s. Fine-tune your lighting with Flash Exposure Compensation, and choose between Front/Rear-Curtain Sync for dynamic motion effects. A versatile tool built for professional results.



*1/80000s with Sony cameras equipped with global shutter.

Figure 3: The V480C battery offers 650 full-power flashes and supports USB-C charging.

2.4 Mounting on Camera

Slide the flash's hotshoe into your camera's hotshoe mount. Rotate the lock ring clockwise until it is securely tightened. Ensure the flash is firmly attached to prevent accidental detachment.

2.5 Power On/Off

To power on the flash, long-press the power button. To unlock the screen, touch the screen or rotate the dial as indicated by the on-screen arrow. To power off, long-press the power button again.

3. OPERATING INSTRUCTIONS

3.1 Touchscreen Interface

The V480C features a 2.0-inch color touchscreen and tactile buttons for intuitive control. Tap, swipe, or press buttons to navigate menus and adjust parameters quickly.



Figure 4: Intuitive Touchscreen & Buttons for seamless workflow.

3.2 Flash Modes

The V480C offers various flash modes for creative control:

- **TTL (Through-The-Lens):** Automatic flash exposure.
- **Manual (M):** Manually set flash power.
- **Multi-mode:** Stroboscopic flash for multiple exposures in one frame.
- **HSS (High-Speed Sync):** Allows flash synchronization at shutter speeds faster than the camera's native sync speed (up to 1/8000s).
- **Front/Rear-Curtain Sync:** For dynamic motion effects.

Smart Distance Readout

Say goodbye to exposure guesswork. The V480's display shows real-time effective flash range, so you'll know instantly if your subject is within optimal reach—ideal for tight spaces, bounce applications, or fast-paced events.



Figure 5: Pro-Level Flash Modes for versatile shooting.

3.3 Wireless Operation

The built-in 2.4G wireless system allows the V480C to function as both a sender (master) and receiver (slave) across 32 channels up to 100m. This enables creative multi-flash setups without external triggers.

- **Sender Mode:** Control other Godox 2.4G wireless flashes.
- **Receiver Mode:** Be triggered by a Godox X3 transmitter or another Godox flash.
- **Channel & ID Settings:** Manually set channels and IDs to avoid interference, or use wireless sync for automatic pairing.

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.



Figure 6: Sender & Receiver Functionality for wireless control.

Your browser does not support the video tag.

Video 2: This video provides an overview of the Godox V480 TTL Camera Flash features and operation.

3.4 Modeling Lamp

The built-in 2W LED modeling lamp helps preview light effects and shadows. It offers ten brightness levels and can be set to continuous or interrupt mode (turns off when flash fires) to assist with autofocus in low light.

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.



Figure 7: 10-Level Modeling Lamp for precise light control.

3.5 Flexible Bounce Head

The flash head can tilt from -7° to 120° and swivel a full 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.

650 Full-Power Flashes

A7.2 V/2200 mAh rechargeable battery delivers up to 650 full-power flashes and recycles in just 1.7 s. USB-C charging lets you top up between sessions so you can keep shooting all day.



Type-C Charging



2200mAh
Lithium Battery



1.7s Recycling



Figure 8: Flexible Bounce Head for versatile lighting angles.

3.6 Creative Light Shapers

The V480C includes a slide-out catchlight panel for crisp, sparkling eyes and a snap-on wide-angle diffuser for softer, broader coverage, ideal for groups or environmental portraits.

10-Level Modeling Lamp

Preview exactly how your flash will shape shadows and highlights with a built-in LED lamp offering ten brightness levels. Ideal for pre-visualizing light direction and intensity, it lets you fine-tune your setup before firing the main flash.



Figure 9: Creative Light Shapers for enhanced light quality.

4. MAINTENANCE

4.1 Battery Care

- Charge the battery fully before first use.
- Avoid completely draining the battery to prolong its lifespan.
- Store the battery in a cool, dry place when not in use for extended periods.

4.2 Cleaning

- Use a soft, dry cloth to clean the flash body.
- For the touchscreen, use a microfiber cloth to avoid scratches.
- Do not use harsh chemicals or abrasive cleaners.

5. TROUBLESHOOTING

5.1 Flash Not Firing

- Check if the flash is powered on and the battery is charged.
- Ensure the flash is securely mounted on the camera's hotshoe.
- Verify that the camera's flash settings are correct.
- If using wireless mode, confirm correct channel and ID settings, and that the sender/receiver are properly synced.

5.2 Inconsistent Exposure

- In TTL mode, ensure the subject is within the effective flash range.
- In Manual mode, adjust flash power settings as needed.
- Check for any obstructions between the flash and the subject.

5.3 Wireless Sync Issues

- Perform a channel scan to find the clearest channel.
- Ensure the sender and receiver units are set to the same channel and ID.
- Check the distance between units; the maximum range is 100m.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.26 x 7.28 x 3.22 inches
Item Weight	1.63 pounds
Item Model Number	V480C
Batteries	1 AA batteries required (included) - <i>Note: Product description states built-in Li-ion battery, this may be a discrepancy in source data.</i>
Flash Sync Speed	1/8000s
Compatible Mountings	Hotshoe

7. WARRANTY & SUPPORT

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 any warranty claims.