

Flashpoint V480C

Flashpoint Zoom Li-Ion V480C TTL R2 On Camera Flash for Canon User Manual

Model: V480C

1. INTRODUCTION

The Flashpoint Zoom Li-Ion V480C is a high-performance on-camera flash designed for Canon cameras, offering advanced features for professional and enthusiast photographers. This flash integrates with the Flashpoint R2 wireless system, providing versatile lighting control. Key features include a Guide Number of GN50, rapid 1.7-second recycle time, TTL auto flash, manual flash modes, and 2.4GHz wireless control.



Image 1.1: Flashpoint Zoom Li-Ion V480C with an overview of its main features.

2. INCLUDED COMPONENTS

Verify that all the following items are included in your package:

- Flashpoint Zoom Li-on Compact V480 Flash
- VB22 7.2 V / 2200 mAh Rechargeable Li-ion Battery Pack
- Battery Charger

- Mini Stand
- Protective Case

3. PRODUCT OVERVIEW

Familiarize yourself with the various parts of your Flashpoint V480C flash unit.



Image 3.1: Front and side view of the Flashpoint V480C with numbered components.

1. Catchlight Panel (White)
2. Built-in Wide Angle Diffuser
3. Flash Head
4. LED Modeling Lamp
5. Photocell Sensor
6. Lock Ring
7. Hot Shoe
8. Sync Cord Jack

9. Touch Screen
10. USB-C Firmware Upgrade Port
11. Power Switch Button
12. Set Button
13. Select Dial
14. Test Button / Recycle Indicator
15. Hot Shoe Fixing Buckle

4. SETUP

4.1. Battery Installation and Charging

The Flashpoint V480C uses a VB22 7.2V / 2200mAh rechargeable Li-ion battery pack. Ensure the battery is fully charged before first use.

1. To install the battery, slide open the battery compartment cover located on the side of the flash unit.
2. Insert the VB22 Li-ion battery pack, ensuring the contacts align correctly.
3. Close the battery compartment cover until it clicks securely into place.



Image 4.1: Battery compartment open for installation.

To charge the battery, use the provided battery charger. Connect the battery to the charger and plug the charger into a power outlet. The indicator light on the charger will show the charging status.

4.2. Mounting the Flash to Your Camera

The V480C is designed to mount onto a camera's hot shoe.

1. Ensure your camera is powered off.
2. Slide the flash's hot shoe (7) into your camera's hot shoe mount.
3. Rotate the Hot Shoe Fixing Buckle (15) clockwise to secure the flash firmly in place. Do not overtighten.

5. OPERATING THE FLASH

5.1. Powering On/Off and Basic Controls

To power on the flash, press and hold the Power Switch Button (11) until the screen illuminates. To power off, press and hold the same button.

The V480C features a crisp color touchscreen (9) and tactile buttons for intuitive control.



Image 5.1: Touchscreen and button interface for adjusting flash settings.

- **Set Button (12):** Used to confirm selections or enter menu options.
- **Select Dial (13):** Rotate to navigate menus and adjust values.
- **Test Button / Recycle Indicator (14):** Press to fire a test flash. The indicator light shows when the flash is ready to fire.

5.2. Flash Modes

The V480C supports various flash modes:

- **TTL Auto Flash:** Automatically adjusts flash output for correct exposure.
- **Manual Flash:** Allows manual control over flash power output (1/1 to 1/256 in 1/3 stop increments).
- **Multi Flash (Stroboscopic):** Fires a series of rapid flashes during a single exposure to capture multiple movements.

5.3. Wireless Operation (R2 System)

The V480C features built-in 2.4GHz R2 wireless functionality, allowing it to act as a master or slave unit within the Flashpoint R2 system. It supports 4 groups and 32 channels with a transmission range of up to 100m.



Image 5.2: Example of 2.4GHz R2 wireless integration in a studio environment.

Refer to the on-screen menu for setting master/slave modes, group assignments, and channel selection.

5.4. High-Speed Sync (HSS)

High-Speed Sync allows the flash to synchronize with shutter speeds up to 1/8000s, enabling you to use flash with wide apertures in bright conditions or to freeze fast motion.

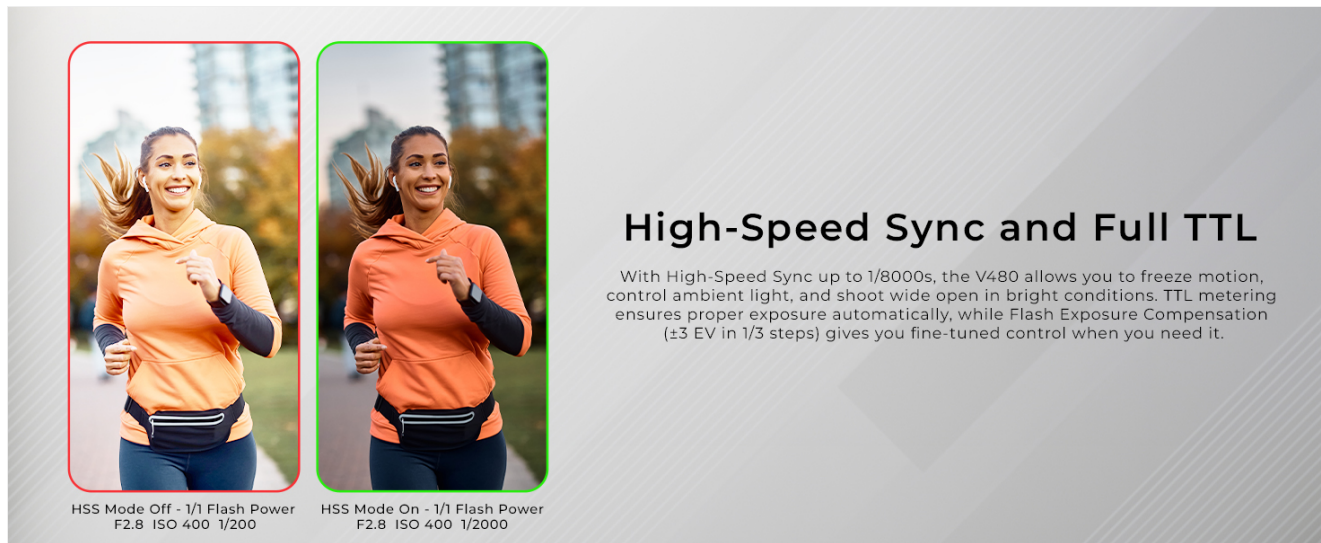


Image 5.3: Demonstration of High-Speed Sync (HSS) capability.

Activate HSS through the flash's menu or your camera's flash control settings.

5.5. LED Modeling Lamp

The built-in LED Modeling Lamp (4) provides continuous light for focusing in low-light conditions or for previewing lighting effects. Adjust its brightness through the flash's menu.

5.6. Firmware Update

The Flashpoint V480C supports firmware updates via its USB-C Firmware Upgrade Port (10). Visit the Flashpoint website for the latest firmware and instructions.

6. MAINTENANCE

6.1. Cleaning

To clean the flash unit, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Do not use strong detergents or solvents.

6.2. Storage

When not in use for extended periods, remove the battery from the flash unit. Store the flash in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided protective case for storage and transport.

7. TROUBLESHOOTING

If you encounter issues with your Flashpoint V480C, refer to the following common problems and solutions:

- **Flash does not fire:**
 - Ensure the flash is powered on and securely mounted to the camera's hot shoe.

- Check battery level; recharge if necessary.
 - Verify camera and flash settings are compatible (e.g., flash enabled in camera menu).
 - If using wireless, ensure master and slave units are on the same channel and group.
- **Incorrect exposure (too dark/too bright):**
 - In TTL mode, check for Flash Exposure Compensation (FEC) settings on both flash and camera.
 - In Manual mode, adjust flash power output.
 - Ensure flash head zoom matches lens focal length or is set to auto.
- **Flash recycle time is slow:**
 - Battery may be low; recharge or replace.
 - High power settings naturally result in longer recycle times.
- **Wireless connection issues:**
 - Ensure all units are within range (100m).
 - Check for interference from other 2.4GHz devices.
 - Verify channel and group settings are identical on all units.

If problems persist, consult the Flashpoint support website or contact customer service.

8. SPECIFICATIONS

Model	V480C
Guide Number	GN50 (ISO 100, in meters)
Recycle Time	Approx. 1.7 seconds
Flash Modes	TTL, Manual, Multi
Wireless Function	Master, Slave, Off
Wireless Range	Approx. 100m
Channels	32 (1-32)
Groups	4 (A, B, C, D)
High-Speed Sync	Up to 1/8000s
Power Source	VB22 Li-ion Battery (7.2V / 2200mAh)
Dimensions	6.54" x 2.8" x 1.93" (16.6 x 7.1 x 4.9 cm)
Weight (with battery)	12.7 oz (360g)
Compatible Mountings	Canon

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation provided with your purchase or visit the official Flashpoint website. Keep your proof of purchase for warranty claims.

