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GODOX V100 C

Godox V100 C TTL Li-ion Round Head Camera Flash for Canon User Manual

1. Product Overview

The Godox V100 C is a high-performance TTL Li-ion round head camera flash designed for Canon cameras. It offers an impressive 100Ws power output, a user-friendly touchscreen interface, and advanced features like global shutter flash sync. This manual provides detailed instructions for its setup, operation, and maintenance.

Image 1.1: The Godox V100 C flash unit, highlighting its round head design and touchscreen interface.

The V100 C sets a new standard for on-camera flashes by delivering an unprecedented 100Ws power at its maximum output in M mode. With adjustable power steps from 1/1 to 1/256 or from 2.0 to 10, it provides versatile lighting for various photographic scenarios, from subtle fill light to robust main illumination.

Image 1.2: Illustration of the 100Ws power output capability of the Godox V100 C flash.

2. Package Contents

Please verify that all items listed below are included in your package:

- Flash Body x1

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

Image 2.1: All components included in the Godox V100 C flash package.

3. Key Features

3.1 Intuitive Touchscreen Control

The V100 is equipped with a 2.3-inch full-color, high-sensitivity touchscreen, providing a smooth and responsive interface. Its intuitive menu design and logical control layout allow for quick adjustments of power levels, activation of high-speed sync, switching between TTL/M modes, and device pairing with a single tap, enhancing workflow efficiency.

Image 3.1: Close-up view of the V100 C's 2.3-inch full-color touchscreen for effortless control.

3.2 Global Shutter Flash Sync

The V100 is compatible with cameras featuring global shutters, such as the Sony a9 III. It supports shutter speeds up to 1/80,000 seconds and offers TTL functionality, ensuring outstanding high-speed continuous shooting with precision. This feature is ideal for sports photography, bright outdoor conditions, and other fast-paced shooting scenarios.

Image 3.2: Examples of global shutter flash sync in various lighting conditions, demonstrating the V100 C's capability.

3.3 Efficient Performance: 70 Full-Power Consecutive Flashes

Thanks to its advanced cooling system, the V100 delivers 70 to 100 consecutive flashes at 100Ws without compromising performance. This ensures enhanced shooting efficiency and flexibility, allowing you to manage complex scenarios and capture every critical moment.

Image 3.3: Visual representation of the V100 C's ability to perform 70-100 consecutive full-power flashes.

3.4 Detachable Sub Flash (SU-1)

The V100 incorporates the highly acclaimed detachable sub flash (SU-1) design from the V1 Pro. This versatile feature enables dual-light setups with a single flash, offering creative lighting solutions, particularly for portrait photography.

Image 3.4: Demonstration of the detachable sub flash feature on the Godox V100 C.

3.5 Wireless Sync and Streamlined Workflow

With the built-in Godox 2.4G Wireless X System, the V100 functions as both a master and receiver unit. Its one-tap pairing capability seamlessly integrates with the X3 trigger or other Godox wireless flash units, simplifying multi-flash setups and boosting productivity.

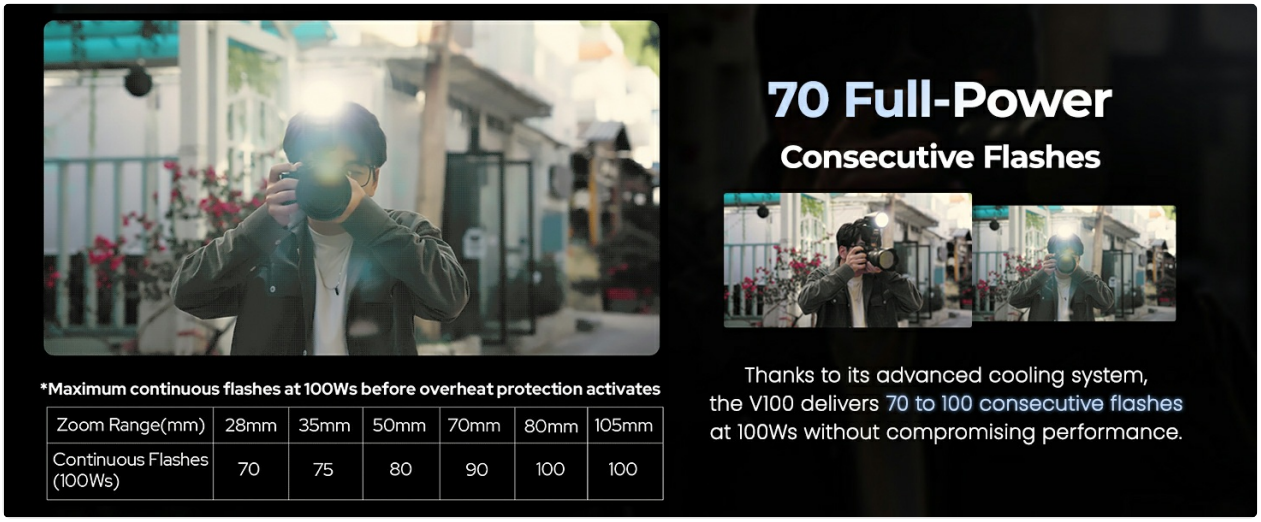

Image 3.5: The V100 C flash unit shown in a wireless sync setup with a camera and an external trigger.

3.6 Powerful Battery and Convenient Charging

Powered by the same high-performance lithium battery as the V1 Pro, the V100 ensures uninterrupted shooting. The Type-C charging port and compatibility with the VC26T Multi-Battery Charger make recharging quick and convenient.

Image 3.6: The V100 C's lithium battery and various charging methods, including Type-C and multi-battery charger.

3.7 Enhanced Recycling with External Power

The V100 includes a port for the PB960 Lithium-ion Flash Power Pack, reducing full-power recycling time to as fast as 0.8 seconds. This is crucial for rapid-fire shooting and demanding professional use.

Image 3.7: The V100 C connected to an external power pack for faster recycling times.

3.8 Built-in LED Modeling Lamp

A 2W LED modeling lamp with 10 adjustable levels provides flexible options for previewing light effects or serving as a continuous fill light. This aids in visualizing the final output before capturing the shot.

Image 3.8: A photographer using the V100 C's built-in LED modeling lamp to preview lighting.

4. Setup

4.1 Battery Installation

1. Locate the battery compartment on the side or rear of the flash unit.
2. Open the battery compartment cover.
3. Insert the provided lithium battery, ensuring the contacts align correctly.
4. Close the battery compartment cover securely.

4.2 Mounting the Flash

1. Slide the flash's hotshoe mount into your Canon camera's hotshoe.
2. Tighten the locking mechanism (if present) on the flash to secure it to the camera.
3. Ensure the flash is firmly attached before operation.

4.3 Initial Power On

1. Press and hold the power button until the touchscreen illuminates.
2. The flash will perform a self-check and display the main operating interface.
3. Adjust initial settings such as date, time, or language if prompted.

5. Operating Instructions

5.1 Power On/Off

- To power on: Press and hold the power button for approximately 1 second.
- To power off: Press and hold the power button for approximately 2 seconds until the screen turns off.

5.2 Touchscreen Navigation

- Tap icons or menu options to select them.
- Swipe left or right to navigate through different screens or settings.
- Use the physical dial for fine adjustments of selected parameters.

5.3 Mode Selection (TTL, M, Multi)

- From the main screen, tap the mode icon (e.g., 'TTL', 'M') to cycle through available flash modes.
- **TTL (Through-The-Lens) Mode:** The flash automatically adjusts output for correct exposure.
- **Manual (M) Mode:** Manually set the flash power output from 1/1 to 1/256.
- **Multi Mode:** Fires a series of rapid flashes for stroboscopic effects. Adjust frequency and number of flashes.

5.4 Power Adjustment

- In Manual (M) mode, tap the power level on the touchscreen or use the control dial to increase or decrease flash output.
- In TTL mode, use Flash Exposure Compensation (FEC) via the touchscreen or camera controls to fine-tune exposure.

5.5 High-Speed Sync (HSS)

- Activate HSS through the flash's menu or your camera's flash settings.
- HSS allows the flash to synchronize with shutter speeds faster than the camera's native sync speed, up to 1/8000s (or 1/80000s with global shutter cameras).

5.6 Wireless Operation (2.4G Wireless X System)

- To use the V100 C as a master or receiver, access the wireless settings via the touchscreen.
- Set the flash to Master or Slave mode as required.
- Ensure the channel and group settings match your Godox X3 trigger or other Godox wireless flash units for seamless communication.
- Use the one-tap pairing feature for quick setup.

5.7 Modeling Lamp

- Tap the modeling lamp icon on the touchscreen to turn it on/off.
- Adjust the brightness through 10 levels using the touchscreen controls or the physical dial.

5.8 Detachable Sub Flash (SU-1)

- To attach the SU-1, align it with the designated port on the V100 C and slide it into place until it clicks.
- The SU-1 can be used to provide additional fill light or as a catchlight.
- To detach, press the release button and slide the SU-1 off.

6. Maintenance

6.1 Cleaning

- Regularly clean the flash body with a soft, dry cloth.
- For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- Avoid using harsh chemicals or abrasive cleaners.
- Keep the hotshoe contacts clean and free of debris.

6.2 Battery Care

- Charge the lithium battery fully before first use.
- Use only the provided charger or compatible Godox chargers (e.g., VC26T Multi-Battery Charger).
- Do not expose the battery to extreme temperatures or direct sunlight.
- If storing for extended periods, charge the battery to approximately 50% capacity.

6.3 Storage

- Store the flash in a cool, dry place, away from dust and moisture.
- Use the provided storage bag for protection during transport.
- Remove the battery if the flash will not be used for an extended period.

7. Troubleshooting

7.1 Flash Not Firing

- **Check Battery:** Ensure the battery is properly installed and sufficiently charged.
- **Check Connection:** Verify the flash is securely mounted on the camera's hotshoe.
- **Check Mode:** Confirm the flash is in an appropriate mode (TTL or M) and not in standby.
- **Camera Settings:** Ensure your camera's flash settings are enabled and compatible.

7.2 Inconsistent Exposure

- **TTL Mode:** Adjust Flash Exposure Compensation (FEC) on the flash or camera.
- **Manual Mode:** Increase or decrease flash power output.
- **Distance:** Ensure the subject is within the effective flash range.
- **Reflective Surfaces:** Be aware of highly reflective or absorptive surfaces that can affect exposure.

7.3 Wireless Sync Issues

- **Pairing:** Re-pair the flash with your trigger (e.g., Godox X3) using the one-tap pairing function.
- **Channel/Group:** Ensure all units are set to the same channel and group.
- **Distance/Obstacles:** Reduce distance between units and remove any physical obstructions.
- **Interference:** Move away from sources of 2.4Ghz interference.

7.4 Overheating

- The flash has a built-in overheat protection system. If it overheats, it will temporarily stop firing or reduce power.
- Allow the flash to cool down before resuming intensive use.
- Avoid rapid, consecutive full-power flashes for extended periods.

8. Specifications

Feature	Specification
Brand	GODOX
Model Number	V100 C for Canon
Compatible Mountings	Canon
Camera Flash Type	Hotshoe
Flash Sync Speed	1/8000s (1/80000s with Sony global shutter camera)
Batteries Required	1 Lithium Ion battery (included)
Item Weight	2.44 pounds
Package Dimensions	9.17 x 7.68 x 3.98 inches
Included Components	Flash Body x1

9. Accessories

The Godox V100 C is compatible with a comprehensive ecosystem of Godox accessories, allowing for expanded creative possibilities. These include various light modifiers such as diffusers, snoots, color filters, and reflectors, which can be easily attached to the round flash head.

Image 9.1: An overview of the various accessories compatible with the Godox V100 C flash, including diffusers and reflectors.

10. Warranty and Support

For warranty information and customer support, please refer to the official Godox website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: Visit the GODOX Store on Amazon for additional product information and support.