

VILTROX Z2-C

VILTROX Vintage Z2-C Folding Mini TTL Flash Instruction Manual

Model: Z2-C

1. PRODUCT OVERVIEW

The VILTROX Vintage Z2-C is a compact and portable TTL camera flash designed for Canon cameras. It features an innovative folding design, TTL auto flash capabilities, and manual power control, making it suitable for various photographic situations.

- **Compact and Portable:** Weighing only 52g, its palm-sized design allows for easy carrying.
- **Integrated Folding Design:** The flash head folds for compact storage and unfolds for use, elevating the light source by approximately 60mm to reduce lens-induced shadows.
- **TTL Auto Flash:** Provides automatic flash exposure by calculating the ideal light output through pre-flash metering.
- **Manual Mode (M):** Offers 5 adjustable flash brightness levels (1/16, 1/8, 1/4, 1/2, 1/1) for creative control.
- **Quick Recycling:** Achieves full power recycling in approximately 2 seconds.
- **Long Battery Life:** Built-in 3.7V/420mAh lithium battery provides over 700 full-power flashes.
- **Smart Power Management:** Features an auto-sleep function after 15 minutes of inactivity to conserve energy.

Vintage Z2 VILTRIX

TTL CAMERA POCKET FLASH

	TTL Auto Flash		420mAh Lithium Battery
	1/16-1/1 Flash Power Levels		700 Full Power Flashes
	50g Net Weight		2s Rapid Recycling



Image 1.1: Overview of the VILTRIX Vintage Z2-C flash highlighting its compact size, TTL auto flash, 420mAh battery, 700 full power flashes, 1/16-1/1 flash power levels, 50g net weight, and 2s rapid recycling.

2. WHAT'S IN THE BOX

Verify that all items are present in the package before initial use.

- Vintage Z2 Camera Flash x1
- Diffuser x1
- User Manual x1
- Box x1



Image 2.1: The package contents, showing the Vintage Z2 flash, diffuser, warranty card, and product box.

3. SETUP GUIDE

3.1 Charging the Flash

Before first use, fully charge the internal lithium battery.

1. Locate the Type-C charging port on the flash unit.
2. Connect the flash to a 5V/0.5A power source using a Type-C USB cable (not included).
3. Charging time is approximately 70 minutes. The indicator light will show charging status.



Image 3.1: Information on battery capacity (3.7V/420mAh), number of flashes (700+ at full power), and approximate charging time (70 minutes via Type-C 5V/0.5A).

3.2 Mounting the Flash to Your Camera

The Vintage Z2-C uses a hot shoe mount compatible with most Canon cameras.

1. Ensure your camera is powered off.
2. Slide the flash unit onto your camera's hot shoe until it clicks securely into place.
3. The flash features an instant hot shoe lock for firm and stable attachment.



Image 3.2: Illustration of the instant hot shoe lock mechanism, showing the flash being slid onto a camera's hot shoe for a secure fit.

3.3 Folding and Unfolding the Flash Head

The flash head can be folded for portability or unfolded for operation.

- To fold: Gently push the flash head down until it locks into its compact position.
- To unfold: Lift the flash head until it extends upwards. When unfolded, the light source rises approximately 60mm above the lens, helping to eliminate shadows caused by lens obstruction.



Image 3.3: The flash in its folded (headphone-case size) and unfolded positions, demonstrating how the head lifts 60mm above the lens for improved lighting.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button (usually marked with a circle and a line) to turn the flash on or off.

4.2 Switching Between TTL and Manual Modes

The flash offers two primary operating modes: TTL Auto Flash and Manual (M) Mode.

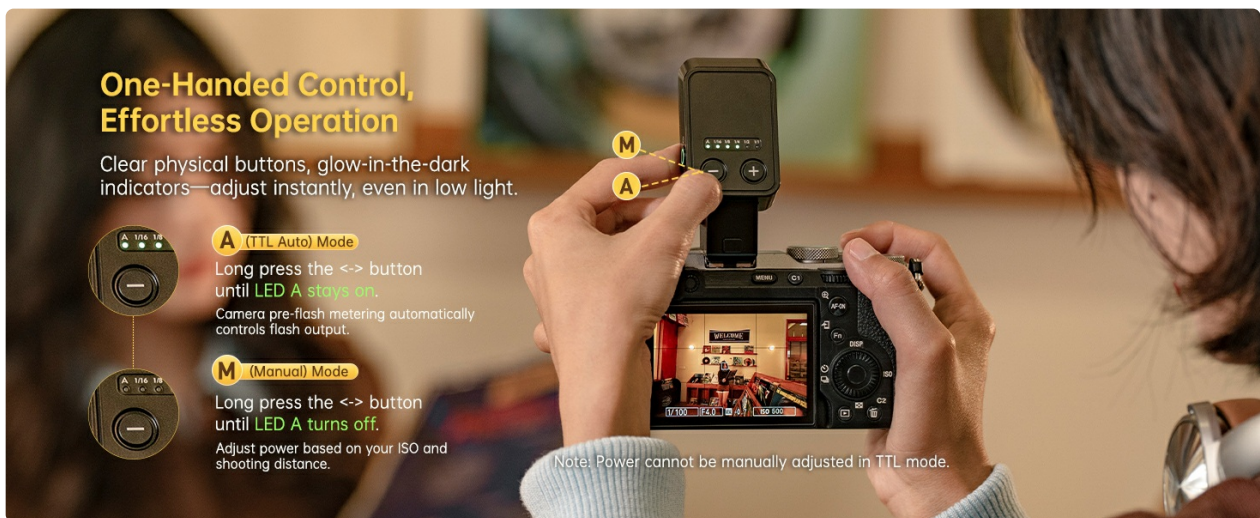


Image 4.1: Instructions for switching between A (TTL Auto) and M (Manual) modes by long-pressing the '-' button. In A mode, the LED stays on; in M mode, the LED turns off.

- **TTL Auto Mode (A):** Long press the '-' button until the 'A' LED stays on. In this mode, the camera's pre-flash metering automatically controls the flash output for optimal exposure. No manual power adjustments are possible in TTL mode.
- **Manual Mode (M):** Long press the '-' button until the 'A' LED turns off. In this mode, you can manually adjust the flash power.

4.3 Adjusting Flash Power (Manual Mode Only)

In Manual Mode, use the '+' and '-' buttons to cycle through the 5 power levels.



Image 4.2: Visual representation of the 5 manual power levels (1/16, 1/8, 1/4, 1/2, 1/1) and their corresponding LED indicators on the flash unit.

- Press the '+' button to increase flash power.
- Press the '-' button to decrease flash power.
- The LED indicators will show the current power level (1/16, 1/8, 1/4, 1/2, 1/1).

4.4 Using the Diffuser

The included diffuser can be attached to the flash head to soften the light output.



Image 4.3: The flash with the soft diffuser attached, demonstrating its use for softer, more natural lighting.

- Slide the diffuser over the flash head until it fits snugly.
- The diffuser helps to spread the light, reducing harsh shadows and creating a more even illumination, particularly useful for portraits.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to clean the flash unit.
- Do not use liquid cleaners, solvents, or abrasive materials.
- Keep the hot shoe contacts clean and free of dust.

5.2 Storage

- Store the flash in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, ensure the battery is partially charged (around 50%) and recharge it every few months to maintain battery health.
- Fold the flash head for compact and safe storage.

6. TROUBLESHOOTING

If you encounter issues with your VILTROX Vintage Z2-C flash, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	Low battery; Flash not securely mounted; Camera flash settings incorrect; Flash is off.	Charge the battery; Re-mount the flash firmly; Check camera's flash mode (e.g., not in silent mode); Turn on the flash.
Flash is too bright/dark (TTL mode).	Exposure compensation set on camera; Subject too close/far.	Adjust flash exposure compensation on your camera; Reposition closer or further from subject.
Flash is too bright/dark (Manual mode).	Incorrect power level selected.	Adjust flash power using the '+' and '-' buttons on the flash unit.
Slow recycling time.	Low battery.	Recharge the flash battery.
Flash enters sleep mode too quickly.	Normal operation.	The flash is designed to auto-sleep after 15 minutes of inactivity to save power. Press any button to wake it up.

7. SPECIFICATIONS

Detailed technical specifications for the VILTROX Vintage Z2-C flash unit:

Feature	Specification
Brand	VILTROX
Model Name	Vintage Z2-C
Model Number	Z2-C
Compatible Mountings	Canon (Hotshoe Mount)
Guide Number (GN)	6
Flash Sync Speed	1/200
Exposure Control Type	TTL, Manual
Shooting Modes	M, A

Feature	Specification
Color Temperature	6500K ± 200K (Daylight)
Battery Type	Built-in Lithium Battery (3.7V/420mAh)
Battery Life (Full Power)	Approx. 700 flashes
Recycling Time	Approx. 2 seconds (at full power)
Charging Time	Approx. 70 minutes (Type-C 5V/0.5A)
Weight	52g
Water Resistance Level	Not Water Resistant
Built-In Media	Diffuser

8. WARRANTY INFORMATION

The VILTROX Vintage Z2-C Folding Mini TTL Flash comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the warranty card included in your product packaging or contact VILTROX customer support.

9. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please contact VILTROX customer support through their official website or the contact information provided in your product documentation.

You can also visit the VILTROX store on Amazon for product information and updates: [VILTROX Official Store](#)