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## VILTROX Vintage Z2

# VILTROX Vintage Z2 TTL On-Camera Flash

User Instruction Manual

## 1. Introduction

This manual provides detailed instructions for the safe and effective use of your VILTROX Vintage Z2 TTL On-Camera Flash. Please read this manual thoroughly before using the product and retain it for future reference.
The VILTROX Vintage Z2 is a compact and lightweight TTL flash designed for various camera systems, offering intelligent automatic flash control and manual power adjustment for versatile lighting solutions.

## 2. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

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




**Figure 2.1:** Package contents including the Vintage Z2 flash unit, diffuser, user manual, and product box.

## 3. Product Overview

The VILTROX Vintage Z2 flash features a compact, foldable design for portability and ease of use. Key components include the flash head, control buttons, and hot shoe mount.




**Figure 3.1:** The VILTROX Vintage Z2 flash unit, highlighting its compact and lightweight design (52g).

### 3.1. Controls and Indicators

- **Power Button:** Turns the flash on/off.
- **Mode Button (-):** Long press to switch between TTL (Auto) and Manual modes. In Manual mode, short press to decrease power.
- **Power Adjustment Button (+):** In Manual mode, short press to increase power.
- **LED Indicators:** Display current power level in Manual mode or indicate TTL mode status.




**Figure 3.2:** Control layout for the VILTROX Vintage Z2, illustrating the mode switching and power adjustment buttons.

## 4. Setup

### 4.1. Charging the Battery

The VILTROX Vintage Z2 has a built-in 420mAh lithium battery. Before first use, fully charge the flash.

1. Connect the flash to a USB power source (5V/0.5A) using a USB-C cable (not included).

2. The charging indicator will show charging status.
3. A full charge takes approximately 70 minutes.




**Figure 4.1:** Battery specifications and charging time for the Vintage Z2 flash.

## 4.2. Attaching to Camera

The Vintage Z2 flash is compatible with most cameras featuring a standard single-contact hot shoe mount, including Sony, Fuji, Canon, and Nikon models.

1. Ensure both the camera and flash are powered off.
2. Slide the flash unit into the camera's hot shoe mount until it clicks securely into place.
3. The flash head can be folded down for storage or extended upwards for use. When extended, it lifts approximately 60mm above the lens to minimize shadows.




**Figure 4.2:** Attaching the Vintage Z2 flash to a camera via the hot shoe mount.




**Figure 4.3:** The flash head extended, demonstrating its elevation above the camera lens.




**Figure 4.4:** Compatibility of the Vintage Z2 flash with various camera brands.

## 4.3. Attaching the Diffuser

The included diffuser can be attached to the flash head to soften the light output and reduce harsh shadows.

1. Gently slide the diffuser over the flash head until it fits snugly.
2. Ensure the diffuser is securely attached before use.




**Figure 4.5:** Attaching the soft diffuser to the flash head for softer illumination.

## 5. Operating the Flash

### 5.1. Powering On/Off

Press and hold the power button (usually the 'G' or circular button) to turn the flash on or off.

### 5.2. TTL (Automatic) Mode

In TTL mode, the flash automatically adjusts its output based on the camera's metering system, providing optimal exposure for various shooting conditions.

1. Ensure the flash is powered on.
2. Long press the '-' button until the 'A' LED indicator stays on, indicating TTL Auto mode.
3. The camera's pre-flash metering system will automatically control the flash output.




**Figure 5.1:** Smart TTL mode for automatic flash exposure calculation.

### 5.3. Manual Mode

Manual mode allows you to precisely control the flash power output, offering creative flexibility.

1. Ensure the flash is powered on.

2. Long press the '-' button until the 'A' LED indicator turns off, indicating Manual mode.
3. Use the '-' and '+' buttons to adjust the flash power from 1/16 to 1/1 (full power) in 5 steps.
4. The LED indicators will show the selected power level.




**Figure 5.2:** Manual power control with 5 adjustable levels (1/16, 1/8, 1/4, 1/2, 1/1).

### 5.4. Recycle Time

The flash recycles to full power in approximately 2 seconds, allowing for quick consecutive shots.

## 6. Power Management

The VILTROX Vintage Z2 is equipped with a built-in 420mAh lithium battery, providing approximately 700 full-power flashes on a single charge.

### 6.1. Auto Sleep Function

To conserve battery life, the flash will automatically enter sleep mode after 15 minutes of inactivity. To wake it up, press any button.

### 6.2. Battery Life Indication

The LED indicators may provide an indication of remaining battery life. Refer to the product's specific LED behavior for low battery warnings.

## 7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. Do not use solvents or abrasive cleaners.
- **Storage:** Store the flash in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For long-term storage, charge the battery to about 50% every three months to maintain battery health.
- **Handling:** Avoid dropping the flash or subjecting it to strong impacts.

## 8. Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
| --- | --- | --- |
| Flash does not fire. | • Flash is off.<br>• Battery is depleted.<br>• Flash not securely mounted.<br>• Camera settings incorrect. | • Turn on the flash.<br>• Charge the battery.<br>• Re-mount the flash securely.<br>• Check camera flash settings (e.g., ensure silent shutter is off for some Sony models). |
| Flash output is too weak/strong. | • Incorrect manual power setting.<br>• Subject distance too far/close for TTL. | • Adjust manual power.<br>• Check camera exposure compensation or adjust subject distance. |
| Flash does not recycle quickly. | • Battery is low.<br>• Using full power repeatedly. | • Recharge the battery.<br>• Allow more time between full power flashes. |

## 9. Specifications

| | |
| --- | --- |
| **Model** | Vintage Z2 |
| **Guide Number (GN)** | GN6 |
| **Flash Power** | 10Ws |
| **Color Temperature (CCT)** | 6500K ± 200K |
| **Power Adjustment** | 5 levels (1/16 - 1/1) |
| **Recycle Time** | Approx. 2 seconds (at full power) |
| **Flashes per Charge** | Approx. 700 (at full power) |
| **Battery Type** | Built-in Lithium Battery |
| **Battery Capacity** | 3.7V / 420mAh |
| **Charging Port** | USB-C |
| **Charging Input** | 5V / 0.5A |
| **Charging Time** | Approx. 70 minutes |
| **Weight** | Approx. 52g |
| **Compatible Mount** | Standard Hot Shoe |
| **Auto Sleep** | After 15 minutes of inactivity |

## 10. Warranty and Support

VILTROX products are manufactured to high quality standards. For warranty information and customer support, please refer to the warranty card included in your package or visit the official VILTROX website.

For technical assistance or service inquiries, please contact VILTROX customer support through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.

**VILTROX Official Website:** www.viltrox.com

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