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› Nikon Z5 Mirrorless Digital Camera Body and FTZ Mount Adapter Instruction Manual

## **Nikon Z5**

# **Nikon Z5 Mirrorless Digital Camera Body and FTZ Mount Adapter Instruction Manual**

**MODEL: NIKON Z5**



The Nikon Z5 Mirrorless Digital Camera Body shown with the FTZ Mount Adapter, which allows compatibility with Nikon F-mount lenses.

## Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Nikon Z5 Mirrorless Digital Camera Body and the accompanying FTZ Mount Adapter. The Nikon Z5 is a full-frame mirrorless camera designed for both enthusiasts and professionals, offering exceptional image quality and versatile features. The FTZ Mount Adapter extends the camera's compatibility to a wide range of Nikon F-mount lenses, enhancing your photographic possibilities.

## What's in the Box

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Upon unboxing your Nikon Z5 bundle, please verify that all the following items are included:

- Nikon Z5 FX-format Mirrorless Camera Body
- Nikon FTZ Mount Adapter
- Eyecup
- USB Cable
- Battery
- Body Cap
- Battery Charger

## Setup

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### 1. Attaching the FTZ Mount Adapter

The FTZ Mount Adapter allows you to use a wide array of NIKKOR F-mount lenses with your Z-mount camera. To attach the adapter:

1. Ensure the camera is turned off.
2. Remove the body cap from the camera and the rear cap from the FTZ adapter.
3. Align the mounting mark on the FTZ adapter with the mounting mark on the camera body.
4. Rotate the adapter counter-clockwise until it clicks into place.
5. Attach your F-mount lens to the FTZ adapter by aligning the mounting marks and rotating until it clicks.



The Nikon FTZ Mount Adapter, designed to bridge F-mount lenses with Z-mount camera bodies.

## 2. Inserting Battery and Memory Cards

The Nikon Z5 uses a Lithium-Ion battery and supports dual SD card slots for flexible storage. To insert them:

1. Open the battery chamber cover on the bottom of the camera and insert the battery with the correct orientation.
2. Open the memory card slot cover on the side of the camera.
3. Insert SD cards into both slots until they click into place. The camera supports UHS Speed Class 3 or higher cards.
4. Close both covers securely.



Side view of the Nikon Z5 showing the dual memory card slots open, ready for SD card insertion.

### 3. Charging the Battery

Before first use, fully charge the camera battery using the supplied battery charger. Connect the charger to a power outlet and insert the battery. The charging indicator will show the charging status.

## Operating the Camera

### Basic Controls and Dials

Familiarize yourself with the main controls of the Nikon Z5 for efficient operation.

- **Power Switch:** Located around the shutter button on the top right.
- **Mode Dial:** On the top left, allowing selection between various shooting modes like Program (P), Shutter-priority (S), Aperture-priority (A), Manual (M), and Auto.
- **Command Dials:** Front and rear command dials are used to adjust settings like aperture, shutter speed, and ISO.
- **i-Button:** Provides quick access to frequently used settings on the rear LCD.
- **Multi-selector:** Used for navigating menus and selecting autofocus points.



Top view of the Nikon Z5, highlighting the mode dial, power switch, and command dials.



Rear view of the Nikon Z5, showing the LCD screen, multi-selector, and various control buttons.

## Shooting Modes

The Nikon Z5 offers a variety of shooting modes to suit different photographic needs:

- **Programmed Auto (P):** Camera sets optimal shutter speed and aperture.
- **Shutter-Priority Auto (S):** You set the shutter speed, camera sets aperture. Ideal for controlling motion blur.
- **Aperture-Priority Auto (A):** You set the aperture, camera sets shutter speed. Ideal for controlling depth of field.
- **Manual (M):** You control both shutter speed and aperture.
- **Auto:** Fully automatic mode for simple point-and-shoot operation.

### **Autofocus System**

The Z5 features a reliable autofocus system with Contrast Detection Autofocus. It offers various focus modes including Single-Servo AF (AF-S) for still subjects. The system is designed for accurate and quick focusing, even in challenging lighting conditions.

### **In-Body Image Stabilization (VR)**

The Nikon Z5 incorporates 5-axis in-body Vibration Reduction (VR), which effectively compensates for camera shake. This allows for sharper images and smoother video, especially when shooting handheld or in low light, regardless of the attached lens.

### **Video Recording**

The Z5 is capable of recording high-quality 4K UHD video at 30p or 60p frame rates. This makes it suitable for capturing detailed and cinematic footage. The in-body VR also contributes to stable video recording.

### **Connectivity**

The camera offers both USB and Wi-Fi connectivity. The USB port allows for data transfer and in-camera charging. Wi-Fi enables wireless image transfer to smart devices and remote camera control via the Nikon SnapBridge app.



Side view of the Nikon Z5 showing the various connectivity ports, including USB, HDMI, and audio jacks.

## Display and Viewfinder

The Nikon Z5 features a 0.5-inch OLED electronic viewfinder (EVF) with 3.69 million dots for clear and detailed viewing. The rear display is a capacitive touch screen, allowing for intuitive menu navigation, setting adjustments, and image review.

## Maintenance

- **Cleaning:** Use a soft, lint-free cloth to clean the camera body. For the lens and sensor, use specialized cleaning kits and follow manufacturer guidelines carefully to avoid damage.
- **Battery Care:** Store batteries in a cool, dry place. Avoid fully discharging or overcharging them to prolong their lifespan.
- **Storage:** When not in use, store the camera in a dry, dust-free environment, ideally with a desiccant pack to prevent moisture buildup.
- **Firmware Updates:** Periodically check the Nikon support website for firmware updates to ensure optimal performance and access to new features.

## Troubleshooting

Problem	Possible Cause / Solution
Camera does not turn on	Check if the battery is inserted correctly and fully charged. Ensure the battery chamber cover is securely closed.
Images are blurry	Check focus mode and ensure the lens is properly attached. Verify shutter speed is appropriate for the lighting conditions and subject motion. Utilize in-body VR.
Memory card error	Ensure the memory card is inserted correctly. Try formatting the card (this will erase all data). Use a compatible and reliable SD card.
No video output to external display	Check HDMI cable connection. Verify external display settings and camera video output settings.

## Specifications

Feature	Detail
Model Name	Z5
Sensor Type	CMOS, Full Frame (35mm)
Effective Still Resolution	24.3 MP
Image Stabilization	5-Axis, VR
Video Resolution	4K (2160p)
ISO Range (Expanded)	100 - 51200
Autofocus Technology	Contrast Detection Autofocus
Display Type	OLED, Touch Screen
Connectivity	USB, Wi-Fi
Memory Card Slots	Dual (UHS Speed Class 3 or higher recommended)
Weight	3.3 Pounds
Compatible Mountings	Nikon F (with FTZ adapter), Nikon Z mount lens
UPC	192223150584

## Warranty and Support

The Nikon Z5 Mirrorless Digital Camera Body and FTZ Mount Adapter bundle comes with a 1-year USA warranty when purchased from an authorized dealer like Focus Camera. For warranty claims, technical support, or service inquiries, please refer to the official Nikon support channels or contact your authorized dealer.

For the most up-to-date support information, visit the official Nikon website or consult the documentation provided with your product.



Information regarding the 1-year USA warranty from an authorized Nikon dealer.