

Nikon 1675

Nikon Z fc Mirrorless Camera Instruction Manual

Model: Nikon Z fc (Model 1675) with NIKKOR Z DX 16-50mm f/3.5-6.3 VR Lens

Brand: Nikon

INTRODUCTION

This instruction manual provides detailed guidance for the safe and effective use of your Nikon Z fc mirrorless camera. The Z fc combines a classic, tactile design with advanced Z series technology, offering superb image quality for both photos and videos. This DX-format camera is equipped with a 20.9 MP CMOS sensor and an EXPEED 6 processing engine, making it a versatile tool for various photographic and videographic needs.



Figure 1: Front view of the Nikon Z fc camera with the NIKKOR Z DX 16-50mm f/3.5-6.3 VR lens attached.

1. Attaching the Lens

To attach the NIKKOR Z DX 16-50mm f/3.5-6.3 VR lens, align the mounting mark on the lens barrel with the mounting mark on the camera body. Rotate the lens clockwise until it clicks into place. Ensure the lens is securely fastened before use.



Figure 2: Nikon Z fc with the NIKKOR Z DX 16-50mm f/3.5-6.3 VR lens attached, showing the compact form factor.

2. Inserting the Battery

The Nikon Z fc uses a Lithium-Ion battery. Open the battery chamber cover located at the bottom of the camera. Insert the battery with the contacts facing the correct direction, as indicated inside the chamber. Close the cover until it locks securely. Ensure the battery is fully charged before first use.

3. Inserting a Memory Card

The camera supports SDHC flash memory cards. Locate the memory card slot, typically on the side or bottom of the camera. Insert the memory card with the label facing the correct direction until it clicks into place. To remove, press the card gently to release it.

4. Initial Power On

Turn the camera on using the power switch. Follow any on-screen prompts for initial setup, such as setting the date, time, and language.

1. Basic Photography

The Nikon Z fc features classic analog controls for key settings. Adjust shutter speed, ISO, and exposure compensation using the dedicated dials on the top plate of the camera. The camera offers various shooting modes including Automatic, Manual, and Programmed Auto.



Figure 3: Side view of the Nikon Z fc, highlighting the tactile control dials for shutter speed, ISO, and exposure compensation.

- **Shutter Speed:** Adjustable from 1/4000 seconds to 900 seconds.
- **ISO Sensitivity:** Expanded ISO range from 100 to 204800.
- **Autofocus:** Supports Automatic AF (AF-A), Continuous-Servo AF (AF-C), Manual Focus (MF), and Single-Servo AF (AF-S) with 209 autofocus points and eye detection.
- **Continuous Shooting:** Capture fast-moving subjects at up to 11 frames per second (fps).
- **Self-Timer:** Set a delay of 20 seconds before the shutter fires.
- **Image Quality:** Save images in JPEG (Basic, Fine, Normal) or RAW format.

2. Video Recording

The Z fc is capable of recording 4K UHD (2160p) video. It features a flip-out vari-angle LCD screen, full-time AF with eye detection, and a built-in stereo microphone. An external microphone jack is also available for enhanced audio recording.



Figure 4: The vari-angle LCD screen is ideal for vlogging and self-recording, providing a clear view of the frame.

- **Video Resolution:** Up to 4K UHD 2160p.
- **Audio:** Built-in stereo microphone and external microphone input.
- **Live Streaming:** Compatible with live streaming and web conferencing applications.

3. Connectivity

The Z fc offers seamless connectivity options for transferring images and remote control.

- **SnapBridge App:** Use the free Nikon SnapBridge app on a compatible smart device to wirelessly transfer images and control the camera via Bluetooth and Wi-Fi.
- **HDMI Output:** Connect to an external monitor or TV using the Micro-HDMI port.
- **USB:** Features a USB 2.0 port for data transfer and charging.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Nikon Z fc camera.

- **Cleaning the Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, a slightly dampened cloth can be used, followed by a dry cloth. Avoid using harsh chemicals.
- **Cleaning the Lens:** Use a lens brush or blower to remove dust. For smudges, use a lens cleaning solution and a microfiber cloth specifically designed for optical surfaces.
- **Battery Care:** Store the Lithium-Ion battery in a cool, dry place when not in use. Avoid extreme temperatures. Charge the battery regularly, even if not in frequent use, to maintain its health.
- **Sensor Cleaning:** Sensor cleaning should ideally be performed by authorized service personnel. If necessary, use a sensor cleaning kit with extreme caution, following the manufacturer's instructions precisely.
- **Storage:** When storing the camera for extended periods, remove the battery and memory card. Store the camera in a dry environment, preferably with desiccant packets to prevent mold and mildew.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Nikon Z fc camera. For more complex problems, refer to the official Nikon support resources.

| Problem | Possible Cause / Solution |
|-------------------------------------|--|
| Camera does not power on. | Ensure the battery is fully charged and correctly inserted. Check if the battery contacts are clean. |
| Images are blurry. | Check focus mode (ensure it's set to AF-S or AF-C for autofocus). Verify lens is clean. Ensure shutter speed is fast enough for current lighting conditions or subject movement. |
| Memory card error. | Ensure the memory card is inserted correctly. Try reformatting the card (this will erase all data). Use a compatible SDHC card. |
| Cannot connect to SnapBridge app. | Ensure Bluetooth and Wi-Fi are enabled on both the camera and your smart device. Restart both devices. Update the SnapBridge app to the latest version. |
| Video recording stops unexpectedly. | Check if the memory card has sufficient free space and a high enough write speed (Class 10 or higher recommended for 4K). Recording time is limited to 30 minutes per clip. |

SPECIFICATIONS

Key technical specifications for the Nikon Z fc mirrorless camera (Model 1675).

| Feature | Detail |
|----------------------------|--|
| Model Name | Z fc DX-format Mirrorless Camera Body w/ NIKKOR Z DX 16-50mm f/3.5-6.3 VR - Silver |
| Model Number | 1675 |
| Sensor Type | CMOS, APS-C (DX-format) |
| Effective Still Resolution | 20.9 MP |
| Video Resolution | 4K UHD 2160p |
| Lens Compatibility | Nikon Z mount, Nikon F mount (with FTZ Mount Adapter) |
| Included Lens | NIKKOR Z DX 16-50mm f/3.5-6.3 VR |
| ISO Range (Expanded) | 100 - 204800 |
| Shutter Speed | 1/4000 to 900 seconds |
| Continuous Shooting Speed | 11 fps |
| Autofocus Points | 209 |
| Display | 3-inch Vari-angle LCD Touch Screen (Approx. 1040k-dot) |
| Viewfinder | Electronic (1.02x magnification) |
| Memory Card Type | SDHC (UHS-I or UHS-II compatible) |
| Connectivity | Wi-Fi, Bluetooth, Micro-HDMI, USB 2.0 |

| Feature | Detail |
|----------------------|------------------------------------|
| Battery Type | Lithium Ion |
| Item Weight | 1.63 Pounds |
| Dimensions (Approx.) | Height: 10 centimeters (body only) |

WARRANTY AND SUPPORT

Warranty Information

The Nikon Z fc camera comes with a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, service, or further inquiries, please contact Nikon customer support. Visit the official Nikon website for contact details, FAQs, and additional resources.

You can also visit the [Nikon Store on Amazon](#) for product information and accessories.