

Nikon 1549

Nikon D750 Digital SLR Camera User Manual

Model: D750 (1549)

Brand: Nikon

INTRODUCTION

The Nikon D750 is a versatile full-frame D-SLR camera designed for serious photographers and videographers. It combines advanced imaging technology with user-friendly features, making it suitable for a wide range of photographic applications.

Key Features:

- 24.3MP FX-format CMOS image sensor for stunning image quality.
- EXPEED 4 image processor for fast performance and excellent noise reduction.
- Advanced 51-point AF system with 15 cross-type sensors for precise focusing.
- Full HD 1080p video recording at multiple frame rates (60/50/30/25/24p).
- 3.2-inch 1,229k dot tilting Vari-angle LCD display for flexible shooting angles.
- Built-in Wi-Fi connectivity for easy sharing and remote camera control.
- Wide ISO range of 100 to 12,800 (expandable up to ISO 51,200) for low-light performance.

WHAT'S INCLUDED

Your Nikon D750 package includes the following items:

- D750 Camera Body
- AF-S NIKKOR 24-120mm f/4G ED VR Zoom-Nikkor Lens
- EN-EL15 Rechargeable Li-ion Battery
- MH-25A Battery Charger
- UC-E17 USB Cable

- AN-DC14 Strap
- BF-1B Body Cap
- DK-5 Eyepiece Cap
- DK-21 Rubber Eyecup
- NikonView NX2 CD ROM

SETUP GUIDE

1. Attaching the Lens

To attach the AF-S NIKKOR 24-120mm f/4G ED VR lens, align the mounting mark on the lens with the mounting mark on the camera body. Rotate the lens counter-clockwise until it clicks into place. Ensure the camera is off before attaching or detaching lenses.



Figure 1: Front view of the Nikon D750 camera with the AF-S NIKKOR 24-120mm f/4G ED VR lens attached.

2. Battery Installation and Charging

Insert the EN-EL15 Rechargeable Li-ion Battery into the battery chamber at the bottom of the camera. Close the battery chamber cover securely. Use the supplied MH-25A Battery Charger to charge the battery. Connect the charger to a power

outlet and insert the battery. The charging indicator will show the charging status.

3. Inserting Memory Cards

The D750 features dual SD card slots. Open the memory card slot cover on the side of the camera. Insert SD/SDHC/SDXC memory cards into the slots until they click into place. Ensure the cards are inserted in the correct orientation. The camera supports various configurations for the dual slots, such as overflow, backup, or RAW/JPEG separation.



Figure 2: Left side view of the Nikon D750 camera, showing the dual SD card slot cover.

4. Attaching the Strap

Thread the AN-DC14 Strap through the strap eyelets on both sides of the camera body. Secure the strap firmly to prevent accidental drops.

OPERATING THE CAMERA

Basic Controls Overview

Familiarize yourself with the camera's layout for efficient operation. The rear of the camera features the tilting LCD and various control buttons for menu navigation, playback, and settings adjustments.



Figure 3: Rear view of the Nikon D750 camera, showing the tilting Vari-angle LCD display and control buttons.

The top panel provides quick access to the mode dial, command dials, and the information display, allowing for rapid adjustments to shooting parameters.



Figure 4: Top view of the Nikon D750 camera, highlighting the mode dial, control panel, and shutter button.

Shooting Modes

The D750 offers a variety of shooting modes to suit different photographic needs:

- **Programmed Auto (P):** Camera sets shutter speed and aperture for optimal exposure.
- **Shutter-Priority Auto (S):** You set the shutter speed, camera sets aperture. Ideal for controlling motion.
- **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.

- **Scene Modes:** Pre-set modes for specific situations (e.g., Portrait, Landscape).
- **Special Effects Modes:** Apply creative effects directly in-camera.

Autofocus System

The D750 features Nikon's powerful 51-point AF system with 15 cross-type sensors, providing fast and accurate autofocus performance even in challenging lighting conditions (down to -3EV). Selectable AF-area modes include Single-point AF, Dynamic-area AF, 3D-tracking, Group-area AF, and Auto-area AF.

Video Recording

The D750 offers professional-grade Full HD (1080p) video capabilities. You can record at 60/50/30/25/24p and manually control ISO, shutter speed, and aperture during recording. Features like Power Aperture control for smooth iris transitions and Auto ISO for smooth exposure transitions enhance your video production.



Figure 5: Right side view of the Nikon D750 camera, with the port covers open, revealing the HDMI, USB, and microphone ports.

Wi-Fi Connectivity

The built-in Wi-Fi allows you to wirelessly connect your D750 to a compatible smartphone or tablet using Nikon's Wireless Mobile Utility app. This enables remote shooting, image browsing, and easy transfer of photos for sharing on social media or via email.

Using the Built-in Flash

The D750 includes a convenient built-in pop-up flash for situations requiring additional light. To activate, press the flash button. The flash can operate in various modes, including auto, fill-flash, slow sync, and rear-curtain sync.



Figure 6: Front-left view of the Nikon D750 camera with the built-in pop-up flash raised.

MAINTENANCE

Cleaning the Camera and Lens

Regular cleaning helps maintain your camera's performance and longevity. Use a soft, lint-free cloth to wipe the camera body. For the lens, use a lens brush to remove dust, followed by a lens cleaning solution and a microfiber cloth. Avoid touching the sensor directly. If necessary, use a blower bulb to remove dust from the sensor.

Storage

When not in use, store your camera in a dry, cool place away from direct sunlight and extreme temperatures. Use a camera bag or case to protect it from dust and physical damage. Remove the battery if the camera will not be used for an extended period.

TROUBLESHOOTING

This section provides general guidance for common issues. For detailed troubleshooting steps and solutions, please refer to the comprehensive user manual.

- **Camera not turning on:** Check battery charge and ensure it's correctly inserted.
- **Images are blurry:** Verify focus mode, check lens cleanliness, and ensure sufficient shutter speed.
- **Memory card error:** Reinsert the card, try a different card, or format the card (note: formatting deletes all data).
- **Wi-Fi connection issues:** Ensure the camera's Wi-Fi is enabled and the mobile device is within range.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	Nikon D750
Effective Still Resolution	24.3 MP
Photo Sensor Size	Full Frame (35mm)
Photo Sensor Technology	CMOS
Image Stabilization	Optical
Video Resolution	FHD 1080p
Screen Size	3.2 Inches
Display Fixture Type	Tilting Vari-angle
Flash Memory Type	SD/SDHC/SDXC (dual slots)
Maximum Shutter Speed	1/4000 seconds
Continuous Shooting	6.5 fps
Autofocus Points	51
Connectivity Technology	HDMI, USB, Wi-Fi

Feature	Specification
Item Weight	1.65 Pounds (Body Only)
Battery Average Life	1230 Photos

WARRANTY AND SUPPORT

Warranty Information

The Nikon D750 camera body comes with a 1-year warranty covering labor and parts. This warranty does not apply to batteries and software drivers that accompany this product. Please retain your proof of purchase for warranty claims.

Further Support

For more detailed information, advanced settings, and comprehensive troubleshooting, please refer to the official User Guide PDF:

Download Full User Guide
(PDF)

© 2024 Nikon. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question