

Manuals.plus /

› Nikon /

› Nikon D800 36.3 MP FX-Format Digital SLR Camera: Instruction Manual

Nikon D800

Nikon D800 36.3 MP FX-Format Digital SLR Camera

Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Nikon D800 36.3 MP FX-Format Digital SLR Camera. Please read this manual thoroughly before using the camera to ensure optimal performance and to prevent damage. Keep this manual in a safe place for future reference.

1. SETUP

1.1 Unpacking and Checking Contents

Verify that all items listed below are included in your package:

- Nikon D800 SLR Digital Camera (Body Only)
- EN-EL15 Lithium-Ion Battery (1900mAh)
- MH-25 Quick Charger for EN-EL15 Battery
- DK-17 Finder Eyepiece (Replacement)
- UC-E14 USB Cable
- USB Cable Clip
- Camera Strap
- BM-12 LCD Monitor Cover
- BF-1B Body Cap
- BS-1 Hot-Shoe Cover
- ViewNX 2 CD-ROM
- Instruction Manual (this document)

1.2 Charging the Battery

Insert the EN-EL15 Lithium-Ion Battery into the MH-25 Quick Charger. Connect the charger to a power outlet. The charging indicator will show the charging status. Ensure the battery is fully charged before first use.

1.3 Inserting Memory Cards

The D800 supports one CompactFlash (CF) card and one Secure Digital (SD) card (SD/SDHC/SDXC UHS-I compliant). Open the memory card slot cover and insert the cards in the correct orientation until they click into place. Close the cover securely.

1.4 Attaching a Lens

Remove the body cap from the camera and the rear cap from the lens. Align the mounting marks on the lens with the mounting mark on the camera body. Rotate the lens counter-clockwise until it clicks into place. The D800 uses a Nikon F-mount and accommodates a wide range of AF lenses.



Figure 1.1: Front view of the Nikon D800 camera with a lens attached. This image shows the camera body, lens, and the Nikon branding.



Figure 1.2: Angled front view of the Nikon D800 camera with a lens attached, highlighting the grip and control dials.

1.5 Initial Power On

After inserting the battery and memory card, turn the camera on using the power switch. Follow the on-screen prompts to set the date, time, and language.

2. OPERATING THE CAMERA

2.1 Basic Controls and Display

The D800 features a 3.2-inch 921,000-dot LCD screen for menu navigation, image review, and Live View shooting. Key controls are ergonomically placed for quick access to functions like Movie Record, Live View, White Balance, and Picture Control.



Figure 2.1: Rear view of the Nikon D800 camera, displaying the LCD screen, navigation buttons, and various control dials.

2.2 Shooting Modes

The camera offers various exposure control modes: Programmed auto (P), Shutter-priority auto (S), Aperture-priority auto (A), and Manual (M). Select the desired mode using the mode dial.

2.3 Focusing

The D800 utilizes a 51-point AF system with 15 cross-type sensors. Auto Focus (AF) modes include Single-servo AF (AF-S), Continuous-servo AF (AF-C), and Manual Focus (MF). AF area modes can be selected to suit different shooting scenarios, including single-point, dynamic-area, 3D-tracking, and auto-area AF.

2.4 Metering

Metering options include Matrix, Center-weighted, and Spot metering. The Advanced Scene Recognition System, featuring a 91,000-pixel RGB sensor, enhances metering accuracy.

2.5 ISO Sensitivity

The standard ISO range is 100 to 6400, expandable up to 25600 (Hi 2) and down to 50 (Lo 1). Adjust ISO sensitivity according to lighting conditions to achieve optimal exposure and minimize noise.

2.6 Video Recording

The D800 can record Full HD 1080p video at 30/25/24 frames per second or 720p at 60/50 frames per second in AVC-HD

format. Manual control over aperture, ISO, AF, and shutter speed is available during video recording. Uncompressed video can be output via HDMI to an external recorder. Audio input is supported via a microphone, and sensitivity can be adjusted.

2.7 Picture Control and HDR

Use the dedicated Picture Control button to select from six preset options (Vivid, Monochrome, Neutral, Standard, Landscape, Portrait) or customize up to nine settings. The built-in HDR function allows combining two exposures to create a single image with an extended dynamic range, reducing noise and enhancing color gradation.

3. MAINTENANCE

3.1 Cleaning the Camera

- **Camera Body:** Use a soft, dry cloth to wipe the camera body. For stubborn dirt, lightly dampen the cloth with distilled water. Avoid using organic solvents.
- **Lens and Mirror:** Use a blower brush to remove dust. For smudges, use a lens cleaning solution and a clean, soft lens cloth. Avoid touching the lens or mirror surfaces directly with your fingers.
- **Image Sensor:** The D800 has an integrated dust reduction system. If dust spots persist, consult a Nikon service center for professional cleaning.

3.2 Battery Care

Store batteries in a cool, dry place when not in use. Avoid exposing batteries to extreme temperatures. Recharge batteries regularly, even if not fully depleted, to maintain their lifespan. Do not use damaged batteries.

3.3 Storage

When storing the camera for extended periods, remove the battery and memory cards. Store the camera in a dry, well-ventilated area, preferably in a camera bag or case to protect it from dust and moisture. Use desiccant packs if storing in humid environments.

4. TROUBLESHOOTING

This section addresses common issues you might encounter. For more complex problems, refer to the full user manual or contact Nikon support.

4.1 Camera Does Not Power On

- Ensure the battery is fully charged and correctly inserted.
- Check that the battery compartment cover is securely closed.
- If using an AC adapter (sold separately), ensure it is properly connected.

4.2 Images Are Blurry

- Verify that the lens is clean and free of smudges.
- Check focus settings; ensure the camera is focusing correctly on your subject.
- Use a faster shutter speed or increase ISO in low light to prevent camera shake.
- Ensure the lens is securely attached to the camera body.

4.3 Memory Card Error

- Ensure the memory card is inserted correctly.
- Try formatting the card in the camera (note: this will erase all data).
- Test with a different, compatible memory card.

- Ensure the card is not write-protected.

4.4 LCD Screen Display Issues

- Adjust the LCD brightness settings in the camera menu.
- If the screen has a yellowish-green tint, this may be a characteristic of the display panel. The captured images are not affected.

5. SPECIFICATIONS

Feature	Description
Model Name	Nikon D800
Sensor Type	CMOS, FX-Format (Full Frame)
Effective Still Resolution	36.3 MP
Lens Mount	Nikon F (FX)
ISO Sensitivity	100-6400 (expandable to 50-25600)
Autofocus System	51-point AF with 15 cross-type sensors
Shutter Speed	30 seconds to 1/8000 seconds
Continuous Shooting Speed	Up to 4 fps (6 fps in DX crop mode with MB-D12)
Video Resolution	FHD 1080p (30/25/24p), HD 720p (60/50p)
Video Capture Format	MPEG-4; H.264
LCD Screen	3.2 inches, 921,000 dots, 170° wide-angle viewing
Memory Slots	1 CompactFlash (CF) and 1 Secure Digital (SD)
Connectivity	HDMI, USB 3.0
Dimensions (approx.)	Item Height: 4.84 inches
Weight (Body Only)	1 Grams (<i>Note: This value from source data is likely incorrect for a DSLR camera body.</i>)

Note: Specifications are subject to change without notice.

6. WARRANTY INFORMATION

Your Nikon D800 camera comes with a 1-Year Limited Warranty. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or visit the official Nikon website.

Legal Disclaimer: This product is sold with a 14-day no-hassle satisfaction guarantee and a 90-day parts and labor warranty from the seller. This is separate from the manufacturer's warranty.

7. CUSTOMER SUPPORT

For technical assistance, service, or further information regarding your Nikon D800 camera, please contact Nikon customer support. You can find contact details and additional resources on the official Nikon website.

Nikon Official Website: www.nikonusa.com

