

[Manuals.plus](#) /

› [Nikon](#) /

› Nikon N2000 F-301 35MM SLR Film Camera User Manual

Nikon N2000 or F-301

Nikon N2000 F-301 35MM SLR Film Camera User Manual

Model: N2000 / F-301

INTRODUCTION

The Nikon N2000, also known as the F-301 in some markets, is a versatile 35mm Single-Lens Reflex (SLR) film camera designed for both student and professional photographers. It offers multiple shooting options and settings, including a built-in light meter and options for ISO and shutter priority. This camera body is powered by 4 AAA batteries (sold separately) and provides a robust platform for film photography.



Image: Front view of the Nikon N2000 F-301 35mm SLR film camera body. The camera is black with a silver lens mount. The Nikon logo is prominently displayed on the prism housing, and "N2000" is visible on the left side of the body.

SETUP

1. Battery Installation

The Nikon N2000/F-301 requires **four AAA batteries** for operation. Ensure you use fresh alkaline or rechargeable batteries for optimal performance.

1. Locate the battery compartment cover, typically on the bottom of the camera body.
2. Open the cover by sliding or twisting it according to the indicator.
3. Insert four AAA batteries, paying close attention to the correct polarity (+/-) indicated inside the compartment.
4. Close the battery compartment cover securely.

2. Lens Mounting

To attach a lens to your Nikon N2000/F-301:

1. Remove the body cap from the camera and the rear cap from the lens.
2. Align the mounting index (usually a white dot or line) on the lens barrel with the corresponding index on the camera's lens mount.
3. Insert the lens into the camera's mount and rotate it clockwise (when viewed from the front) until it clicks into place. Do not force the lens.
4. To remove the lens, press the lens release button on the camera body and rotate the lens counter-clockwise until it detaches.

3. Film Loading

This camera uses standard 35mm film cartridges.

1. Open the camera back by pulling up the film rewind knob.
2. Place the film cartridge into the film chamber on the left side.
3. Pull the film leader across to the take-up spool on the right side, ensuring it engages with the sprocket teeth.
4. Close the camera back firmly until it latches.
5. Advance the film by pressing the shutter button and observing the film rewind knob rotate, indicating proper film advance. Advance two frames to ensure the film is securely loaded and the frame counter shows '1'.

OPERATING INSTRUCTIONS

1. Power On/Off

The camera powers on automatically when the shutter release button is partially pressed or when the film advance lever is pulled out slightly. To conserve battery, ensure the camera is off when not in use.

2. Setting ISO (Film Speed)

The ISO setting on the camera must match the ISO speed of the film you are using. This camera features an automatic DX code reader for compatible films, but manual override is also possible.

- For DX-coded film: The camera will automatically set the ISO.
- For non-DX coded film or manual override: Locate the ISO dial (usually on the top plate) and rotate it to select the desired ISO value (e.g., 100, 200, 400).

3. Exposure Modes

The N2000/F-301 offers various exposure modes, including Shutter Priority (S) and Programmed Auto (P).

- **Shutter Priority (S):** You select the shutter speed, and the camera automatically sets the appropriate aperture for correct exposure. This is useful for controlling motion blur or freezing action.
- **Programmed Auto (P):** The camera automatically selects both the shutter speed and aperture for optimal exposure. This is ideal for general photography.
- Consult the camera's mode dial for other available settings, such as Manual (M) or Aperture Priority (A), if present on your specific model variant.

4. Using the Built-in Light Meter

The camera's built-in light meter helps determine the correct exposure settings. When looking through the viewfinder, you will see indicators (e.g., LEDs or a needle) that guide you to proper exposure based on the selected ISO, shutter speed, and aperture.

- Adjust shutter speed and/or aperture until the light meter indicates a balanced exposure.

5. Focusing

The N2000/F-301 is a manual focus camera. Look through the viewfinder and rotate the focusing ring on your lens until the image appears sharp. Many lenses will have a split-image or microprism focusing aid in the viewfinder to assist with precise focusing.

6. Taking a Picture

Once the film is loaded, ISO is set, exposure is determined, and focus is achieved, gently press the shutter release button all the way down to take a picture. The film will automatically advance to the next frame.

7. Film Rewinding and Unloading

Once all frames on the film roll have been exposed, the camera will typically stop advancing the film. You must then rewind the film back into its cartridge before opening the camera back.

1. Locate the film rewind button (usually on the bottom of the camera). Press and hold this button.
2. Rotate the film rewind crank (on the top left of the camera) clockwise until you feel the tension release, indicating the film is fully rewound into the cartridge.
3. Open the camera back and remove the film cartridge.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your camera.

- **Cleaning the Camera Body:** Use a soft, lint-free cloth to wipe down the camera body. For stubborn dirt, a slightly dampened cloth can be used, but avoid excessive moisture.
- **Cleaning the Lens:** Use a lens brush or air blower to remove dust. For smudges, use a specialized lens cleaning solution and a microfiber lens cloth. Never use harsh chemicals or abrasive materials.
- **Sensor/Mirror Cleaning:** For the mirror and focusing screen, use an air blower. Avoid touching these delicate surfaces directly. For professional cleaning of the mirror box or film gate, consult a camera repair specialist.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. If storing for extended periods, remove the batteries to prevent leakage. Use desiccant packets in humid environments.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Dead or incorrectly installed batteries.	Replace batteries with fresh ones, ensuring correct polarity.
Film does not advance.	Film not properly loaded; film leader not engaged with take-up spool.	Re-open camera back (in a dark room if film is exposed), re-seat film, and ensure leader engages. Advance two blank frames.
Shutter does not fire.	No film loaded; film fully exposed; battery low; camera in self-timer mode.	Check film status. Replace batteries. Check mode dial for self-timer.
Images are too dark/light.	Incorrect exposure settings (ISO, shutter speed, aperture); light meter malfunction.	Verify ISO matches film. Adjust settings using the light meter. If issues persist, consult a technician.

Problem	Possible Cause	Solution
Film rewind knob does not turn.	Film rewind button not pressed.	Ensure the film rewind button on the bottom of the camera is pressed down while turning the rewind crank.

SPECIFICATIONS

- Brand:** Nikon
- Model Name:** N2000 or F-301
- Film Format Type:** 35mm
- Exposure Control Type:** Manual, Shutter Priority, Programmed Auto
- Compatible Devices:** Camera lenses (Nikon F-mount)
- Power Source:** 4 x AAA batteries (sold separately)
- Item Weight:** 1 pounds (approx. 0.45 kg)
- Package Dimensions:** 5 x 4 x 3 inches (approx. 12.7 x 10.16 x 7.62 cm)
- ASIN:** B0CYTHWXHH
- UPC:** 796575100213
- Manufacturer:** Japan

WARRANTY AND SUPPORT

As this product is a renewed item, specific warranty details may vary. Please refer to the seller's (Port Hole Renewed) return policy and warranty information provided at the time of purchase. For technical support or service inquiries, it is recommended to contact the seller directly or a qualified camera repair specialist.

For general information about Nikon products, you may visit the official Nikon website:www.nikonusa.com

© 2024 Nikon. All rights reserved. This manual is for informational purposes only.

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