

[Manuals.plus](#) /

› [Nikon](#) /

› Nikon F with Photomic T meter professional SLR film camera

Nikon Nikon F

Nikon F with Photomic T Meter SLR Film Camera User Manual

Model: Nikon F

INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your Nikon F with Photomic T meter professional SLR film camera. The Nikon F is a robust 35mm camera system known for its reliability and versatility. This specific model includes a Photomic T viewfinder for accurate light metering. The camera body, lens, and strap are included components. This camera is designed for use with 35mm film and features automatic exposure control.

PRODUCT OVERVIEW



Figure 1: Front view of the Nikon F camera with the Nikkor H C Auto 50mm f/2 lens attached. This view highlights the lens barrel, focusing ring, and the camera body's front controls.



Figure 2: Top-down view of the Nikon F camera, showing the shutter speed dial, film advance lever, and the Photomic T meter housing. The lens is also visible from this angle.



Figure 3: Rear view of the Nikon F camera, displaying the viewfinder eyepiece and the film door. The camera's robust construction is evident.



Figure 4: Side view of the Nikon F camera with the lens attached, illustrating the camera's profile and the lens mounting system.

SETUP

1. Attaching the Lens

Align the red dot on the lens barrel with the red dot on the camera body's lens mount. Rotate the lens clockwise until it clicks into place. Ensure the lens is securely locked before use.

2. Loading Film

1. Open the camera back by pulling up the film rewind knob.
2. Insert a 35mm film cartridge into the film chamber.
3. Pull the film leader across to the take-up spool and insert it into one of the slots.
4. Advance the film using the film advance lever until the sprockets engage the film perforations.
5. Close the camera back firmly.
6. Advance the film two frames, pressing the shutter release button after each advance, to ensure the film is properly loaded and to reach the first unexposed frame. The frame counter should indicate '1'.

3. Installing Batteries (for Photomic T Meter)

The Photomic T meter requires batteries for operation. Locate the battery compartment, typically on the bottom or side of the meter housing. Insert the specified batteries, ensuring correct polarity. The meter will not function without power.

OPERATING INSTRUCTIONS

1. Setting Film Speed (ISO/ASA)

Rotate the ASA/ISO dial on the Photomic T meter to match the speed of the film loaded in the camera. This setting is

crucial for accurate exposure readings.

2. Using the Photomic T Meter

The Photomic T meter provides through-the-lens (TTL) light metering. Look through the viewfinder and observe the meter needle. Adjust the aperture and/or shutter speed until the needle is centered, indicating correct exposure. The Nikon F also supports automatic exposure control.

3. Focusing

Look through the viewfinder and rotate the focusing ring on the lens until the subject appears sharp. The Nikon F typically features a split-image rangefinder or microprism collar for precise manual focusing.

4. Setting Shutter Speed

Rotate the shutter speed dial on top of the camera body to select the desired shutter speed. Speeds range from slow (e.g., 1 second) to fast (e.g., 1/1000th of a second or faster), plus 'B' for bulb mode.

5. Taking a Picture

Once the film speed, exposure, and focus are set, gently press the shutter release button located on the top of the camera body to take a photograph. After each shot, advance the film using the film advance lever to prepare for the next exposure.

6. Rewinding Film

When the film counter indicates the end of the roll, or when you wish to remove the film, press the film rewind release button (usually on the bottom of the camera) and then rotate the film rewind knob clockwise until resistance ceases, indicating the film is fully rewound into its cartridge. Open the camera back and remove the film.

MAINTENANCE

1. Cleaning the Camera Body and Lens

- Use a soft, lint-free cloth to wipe the camera body. Avoid abrasive materials.
- For the lens, use a lens brush or air blower to remove dust. For smudges, use a specialized lens cleaning solution and a microfiber cloth. Apply solution to the cloth, not directly to the lens.
- Ensure no cleaning fluids enter the camera's internal mechanisms.

2. Battery Replacement

Replace the meter batteries when the meter needle becomes erratic or unresponsive. Refer to the battery installation section for proper procedure and battery type.

3. 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.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Shutter does not fire	Film not advanced; shutter locked; no film loaded	Advance film lever fully; check for shutter lock; ensure film is loaded correctly

Problem	Possible Cause	Solution
Light meter not working	Dead batteries; incorrect battery installation; meter switch off	Replace batteries; check polarity; ensure meter is activated
Film advance lever stuck	Film not fully rewound; camera back not closed properly	Ensure film is fully rewound; check camera back latch
Images are blurry	Incorrect focus; camera shake; dirty lens	Re-focus carefully; use a tripod or faster shutter speed; clean lens

SPECIFICATIONS

- **Model Name:** Nikon F
- **Manufacturer:** Nikon
- **Film Format Type:** 35mm
- **Compatible Camera Film Format Type:** 35mm
- **Exposure Control Type:** Automatic
- **Special Feature:** Auto Exposure
- **Included Components:** Camera Body, Lens, Strap
- **First Available Date:** January 20, 2011

WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support, please refer to the official Nikon website or contact Nikon customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims. For further assistance, you may visit the [Nikon Store on Amazon](#).

© 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