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## Nikon JAA132DA

# Nikon 35mm f/1.8G AF-S DX NIKKOR Lens User Manual

Model: JAA132DA

## INTRODUCTION

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Thank you for choosing the Nikon 35mm f/1.8G AF-S DX NIKKOR Lens. This high-performance, wide-angle prime lens is designed to deliver exceptional image quality, speed, and versatility for DX-format Nikon cameras. Its fast f/1.8 maximum aperture excels in low-light conditions and provides beautiful background blur (bokeh). The lens incorporates Nikon's Silent Wave Motor (SWM) for quiet autofocus and Close-Range Correction (CRC) system for superior performance at close focusing distances. This manual will guide you through the proper use and care of your new lens.

## SETUP

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### Attaching the Lens

1. Ensure your camera is turned off.
2. Remove the body cap from your camera and the rear lens cap from the lens.
3. Align the mounting mark (white dot) on the lens barrel with the mounting mark on the camera body.
4. Rotate the lens counter-clockwise until it clicks into place. Do not force the lens.



Image: Rear view of the lens, highlighting the mounting mechanism.

## Removing the Lens

1. Turn off your camera.
2. While pressing the lens release button on the camera body, rotate the lens clockwise until it detaches.
3. Replace the front and rear lens caps to protect the lens elements.

## OPERATING THE LENS

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### Focus Mode Switch

The lens features an A/M (Autofocus with manual override) and M (Manual focus) switch. This switch is located on the side of the lens barrel.

- **A/M (Autofocus with manual override):** In this mode, the lens will autofocus. You can fine-tune focus manually by rotating the focus ring even when autofocus is active.
- **M (Manual focus):** In this mode, you must manually rotate the focus ring to achieve focus.



Image: Front view of the lens, indicating the position of the A/M-M switch.

## Aperture Control

The aperture (f/1.8G) is controlled electronically via the camera body. There is no aperture ring on the lens. Adjust the aperture settings through your camera's menu or control dials.

## Close-Range Correction (CRC) System

This lens incorporates Nikon's CRC system, which ensures high image quality even at close focusing distances. The lens elements are configured to move independently during focusing, optimizing performance across the entire focusing range.

## Using Filters

The Nikon 35mm f/1.8G AF-S DX NIKKOR Lens accepts 52mm screw-on filters. Attach filters by screwing them into the filter thread on the front of the lens.



Image: Angled view of the lens, showing the front element where filters can be attached.

## MAINTENANCE

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### Cleaning the Lens

- Use a blower brush to remove dust and loose particles from the lens surfaces.
- For smudges or fingerprints, use a clean, soft microfiber cloth specifically designed for optical surfaces. Breathe lightly on the lens surface before wiping if necessary.
- Do not use organic solvents such as paint thinner or benzene to clean the lens.

### Storage

- Always attach the front and rear lens caps when the lens is not in use.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, consider using a desiccant to prevent mold and mildew.

## TROUBLESHOOTING

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## Autofocus Issues

- **Lens not focusing:** Ensure the focus mode switch on the lens is set to A/M. Check your camera's focus mode settings.
- **Autofocus hunts or is slow:** This can occur in very low light or with subjects lacking contrast. Try focusing on a high-contrast area or switch to manual focus (M mode). Ensure your camera's firmware is up to date.

## Image Quality Concerns

- **Soft images:** Check if the lens is clean. Ensure you are using appropriate shutter speeds to avoid camera shake, especially in low light. Verify that the lens is securely mounted.
- **Dust spots:** If dust appears in your images, it is likely on your camera's sensor, not inside the lens. Refer to your camera's manual for sensor cleaning procedures.

## SPECIFICATIONS

Feature	Description
Model Number	JAA132DA
Focal Length	35 mm
Maximum Aperture	f/1.8
Lens Type	Wide Angle Prime
Compatible Mountings	Nikon F (DX-format)
Filter Size	52 mm
Dimensions (H x W x D)	2.07 x 2.76 x 2.76 inches
Item Weight	7 ounces
First Available Date	May 26, 2009

## WARRANTY AND SUPPORT

This Nikon product is covered by a manufacturer's warranty. For specific warranty terms, conditions, and registration information, please refer to the warranty card included with your product or visit the official Nikon website. For technical support, service, or inquiries, please contact Nikon customer service directly.

Please retain your proof of purchase for warranty claims.