

[Manuals.plus](#) /

› [Tamron](#) /

› Tamron 10-24mm F/3.5-4.5 Di-II VC HLD Wide Angle Zoom Lens for Nikon APS-C Digital SLR Cameras User Manual

Tamron 104B023N

Tamron 10-24mm F/3.5-4.5 Di-II VC HLD Wide Angle Zoom Lens User Manual

Model: 104B023N

INTRODUCTION

This manual provides instructions for the proper use and care of your Tamron 10-24mm F/3.5-4.5 Di-II VC HLD Wide Angle Zoom Lens, designed for Nikon APS-C Digital SLR Cameras. This lens features a 10-24mm focal length range, Vibration Compensation (VC), a High/Low torque-modulated Drive (HLD) for autofocus, Fluorine Coating, and Moisture-Resistant Construction. Understanding these features will help you achieve optimal photographic results.



Figure 1: Tamron 10-24mm F/3.5-4.5 Di-II VC HLD Wide Angle Zoom Lens, front-side view.

SETUP

Attaching the Lens to Your Camera

1. Ensure both the camera and lens are powered off.
2. Remove the rear lens cap from the lens and the body cap from your camera.
3. Align the mounting index marks on the lens with those on the camera body.
4. Rotate the lens clockwise until it clicks into place, indicating it is securely locked.



Figure 2: Rear view of the lens, showing the camera mount and index mark.

Attaching the Lens Hood

Align the lens hood with the front of the lens and rotate it until it locks into position. The lens hood helps to block unwanted stray light and protect the front element.



Figure 3: Included lens hood for the Tamron 10-24mm lens.

Firmware Updates

For optimal performance and compatibility with newer camera models, it is recommended to ensure your lens firmware is up-to-date. Firmware updates can be performed using the optional Tamron TAP-in Console. Refer to the TAP-in Console manual for detailed instructions.

OPERATING THE LENS

Autofocus (AF) and Manual Focus (MF)

The lens features an AF/MF switch to select between autofocus and manual focus modes. In AF mode, the HLD (High/Low torque-modulated Drive) provides stable and precise focusing. The Full-time Manual Focus override allows for fine adjustments even when in AF mode, without needing to switch to MF.

- Set the switch to **AF** for automatic focusing.
- Set the switch to **MF** for manual focusing. Rotate the focus ring to adjust focus.



Figure 4: Side view of the lens, highlighting the AF/MF and VC ON/OFF switches.

Vibration Compensation (VC)

The built-in VC (Vibration Compensation) mechanism helps reduce camera shake, allowing for sharper images, especially in low-light conditions or when shooting handheld. Use the VC ON/OFF switch to activate or deactivate this feature.

- Set the switch to **VC ON** to enable vibration compensation.
- Set the switch to **OFF** to disable vibration compensation.

Zooming

Rotate the zoom ring to adjust the focal length between 10mm (ultra-wide) and 24mm (wide-angle). The current focal length is indicated on the lens barrel.



Figure 5: Lens barrel with zoom ring and focal length indicators.

MAINTENANCE

Cleaning the Lens

The front element of this lens features a Fluorine Coating, which repels water and oil, making it easier to clean. To clean the lens surfaces:

- Use a blower brush to remove dust and loose particles.
- For smudges or fingerprints, gently wipe with a clean, soft microfiber cloth specifically designed for optical lenses. A small amount of lens cleaning solution can be applied to the cloth, not directly to the lens.
- Avoid using harsh chemicals or abrasive materials, as these can damage the lens coatings.



Figure 6: Front element of the lens, protected by Fluorine Coating.

Storage

When not in use, attach both the front and rear lens caps and store the lens in a cool, dry place away from direct sunlight and extreme temperatures. The lens features moisture-resistant construction, but prolonged exposure to moisture should be avoided.



Figure 7: Tamron front lens cap.

TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Lens does not focus automatically.	AF/MF switch is set to MF. Camera is not in AF mode. Lens or camera firmware is outdated.	Set the lens AF/MF switch to AF. Ensure your camera is set to an autofocus mode. Check for and install any available firmware updates for both the lens (via Tamron TAP-in Console) and your camera.
Images are blurry despite using VC.	VC switch is OFF. Extreme camera shake. Shutter speed too slow for conditions.	Ensure the VC switch is set to ON. Use a faster shutter speed or a tripod in very low light.
Lens not recognized by camera.	Improper mounting. Outdated firmware. Dirty electrical contacts.	Re-attach the lens, ensuring it clicks securely. Update lens and camera firmware. Clean the electrical contacts on both the lens and camera with a clean, dry cloth.

If problems persist after attempting these solutions, please contact Tamron customer support.

SPECIFICATIONS

Model Number	104B023N
Focal Length	10-24mm
Maximum Aperture	F/3.5-4.5
Lens Type	Wide Angle Zoom
Compatible Mountings	Nikon F (for APS-C DSLR Cameras)
Image Stabilization	VC (Vibration Compensation)
Autofocus Drive	HLD (High/Low torque-modulated Drive)
Filter Size	77mm
Product Dimensions	3.2 x 3.29 x 3.29 inches
Item Weight	15.5 ounces
Manufacturer	TAMRON
Date First Available	February 8, 2017

WARRANTY INFORMATION

Tamron provides a limited warranty for its products. In the USA, a 5-year warranty is typically offered for new lenses purchased from authorized dealers. Warranty terms and conditions may vary by region. Please retain your proof of purchase for warranty claims. For specific details regarding your product's warranty, refer to the warranty card included with your lens or visit the official Tamron website for your region.

CUSTOMER SUPPORT

For technical assistance, service, or further inquiries regarding your Tamron 10-24mm F/3.5-4.5 Di-II VC HLD lens,

please contact Tamron customer support. You can find contact information and additional resources on the official Tamron website: [Tamron Support](#).

