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› Tamron SP 24-70mm F/2.8 Di VC USD G2 Lens for Canon EF Mount Instruction Manual

Tamron A032E

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Model: A032E

INTRODUCTION

Thank you for purchasing the Tamron SP 24-70mm F/2.8 Di VC USD G2 (Model A032E) lens. This high-performance standard zoom lens is designed for Canon EF mount cameras, offering a versatile focal range and a fast constant aperture of F/2.8. It features advanced optical design, a new dual MPU (Micro-Processing Unit) for faster autofocus, and a 5-stop Vibration Compensation (VC) system for enhanced image stability. This manual provides essential information for safe and effective use of your new lens.



The Tamron SP 24-70mm F/2.8 Di VC USD G2 lens attached to a camera, showcasing its design and size.

SAFETY INFORMATION

Before using the lens, please read and understand the following safety precautions:

- Do not look at the sun or other strong light sources through the lens, as this can cause permanent vision damage.
- Keep the lens away from direct sunlight for extended periods to prevent internal damage or fire hazards.
- Avoid dropping or subjecting the lens to strong impacts.
- Do not attempt to disassemble or modify the lens. Repairs should only be performed by authorized service personnel.
- Keep out of reach of children.
- Use caution when handling the lens in extreme temperatures.

PACKAGE CONTENTS

Verify that all items are present in your package:

- Tamron SP 24-70mm F/2.8 Di VC USD G2 Lens (Model A032E)
- Lens Hood
- Front Lens Cap
- Rear Lens Cap

SETUP

Attaching the Lens

1. Remove the rear lens cap from the lens and the body cap from your camera.
2. Align the mounting index (red dot) on the lens with the corresponding index on your camera body.
3. Insert the lens into the camera's lens mount and rotate it clockwise until it clicks into place.



Rear view of the lens, illustrating the mount for attachment to a camera body.

Detaching the Lens

1. Press and hold the lens release button on your camera body.
2. Rotate the lens counter-clockwise until it detaches from the camera.
3. Immediately attach the front and rear lens caps to protect the lens elements.

Lens Controls Overview

Familiarize yourself with the various controls on your lens:

- **Zoom Ring:** Used to adjust the focal length (24mm to 70mm).
- **Focus Ring:** Used for manual focusing.
- **AF/MF Switch:** Toggles between Autofocus (AF) and Manual Focus (MF) modes.
- **VC ON/OFF Switch:** Activates or deactivates the Vibration Compensation system.
- **Zoom Lock Switch:** Locks the zoom ring at 24mm to prevent zoom creep during transport.



The side of the lens, highlighting the AF/MF and VC ON/OFF switches for easy access.

OPERATING THE LENS

Zooming

Rotate the zoom ring to select your desired focal length between 24mm and 70mm. The focal length markings are visible on the lens barrel.

Focusing

- **Autofocus (AF):** Set the AF/MF switch to 'AF'. The lens will automatically focus when the camera's shutter button is half-pressed. The dual MPU ensures fast and precise autofocus performance.
- **Manual Focus (MF):** Set the AF/MF switch to 'MF'. Rotate the focus ring to manually adjust the focus. The focus distance window provides a visual reference for the current focus distance.



The lens barrel displaying the focus distance window and focal length indicators.

Vibration Compensation (VC)

The VC system helps reduce camera shake, allowing for sharper images when shooting handheld, especially in low light conditions. It provides up to 5 stops of stabilization.

- Set the VC ON/OFF switch to 'ON' to activate stabilization.
- Set the VC ON/OFF switch to 'OFF' when using a tripod or when stabilization is not desired.

MAINTENANCE

Cleaning

- **Lens Elements:** Use a lens blower to remove dust, then gently wipe with a clean, soft lens cloth. For stubborn smudges, use a small amount of lens cleaning fluid on the cloth. The fluorine coating on the

front element helps repel water and oil, making cleaning easier.

- **Lens Body:** Wipe with a soft, dry cloth. Do not use organic solvents like thinner or benzene.



The front element of the lens, which benefits from a protective fluorine coating.

Storage

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

TROUBLESHOOTING

- **Autofocus is slow or inaccurate:**
 - Ensure the AF/MF switch is set to 'AF'.
 - Check if there is enough light for the camera's autofocus system.
 - Clean the lens and camera contacts.
 - If persistent, consider micro-adjustment of autofocus settings in your camera or using the Tamron TAP-in Console for fine-tuning (sold separately).

- **Images are blurry:**
 - Ensure the VC is 'ON' if shooting handheld in low light.
 - Check your shutter speed; it might be too slow for the focal length or subject movement.
 - Verify that the lens is properly focused.
 - If using a tripod, consider turning VC 'OFF' to avoid potential interference.
- **Lens not recognized by camera:**
 - Ensure the lens is securely attached to the camera body.
 - Clean the electrical contacts on both the lens and camera.

SPECIFICATIONS

Feature	Specification
Model Number	A032E
Focal Length	24-70mm
Maximum Aperture	F/2.8
Minimum Aperture	Not specified (typically F/22)
Lens Mount	Canon EF
Image Stabilization	Optical (VC - Vibration Compensation)
Autofocus Type	USD (Ultrasonic Silent Drive)
Filter Thread Size	82mm
Minimum Focus Distance	Not specified (typically around 0.38m)
Maximum Magnification Ratio	1:5
Weight	905 Grams
Dimensions (L x D)	11.1 x 8.84 cm (approx.)
Special Features	Weather-sealed construction, Fluorine coating on front element

WARRANTY

This Tamron lens comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. In many regions, Tamron offers an extended 5-year warranty upon registration of the product through authorized dealers.

SUPPORT

For technical assistance, repair services, or further inquiries regarding your Tamron SP 24-70mm F/2.8 Di VC USD G2 lens, please contact Tamron customer support or visit the official Tamron website for your region. Ensure you have your product model number (A032E) and serial number ready when contacting support.

