AF18-270mm F/3.5-6.3 Di II VC LD Aspherical [IF] Macro (Model B003)


* The marking is a directive conformity mark of the European Community (EC).

* Das -Zeichen entspricht der EC Norm.

* La marquage est un marquage de conformité à la directive CEE (CE).

* La marca es marca de conformidad según directiva de la Comunidad Europea (CE).

* Il marchio attesta la conformità alla direttiva della Comunità Europea (CEE).
ENGLISH

Thank you for purchasing the Tamron lens as the latest addition to your photographic equipment. Before using your new lens, please read the contents of this Owner’s Manual thoroughly to familiarize yourself with your lens and the proper techniques for creating the highest quality images possible. With proper handling and care, your Tamron lens will give you many years of photographing beautiful and exciting pictures.

- Explanations that help to prevent problems.
- * Explains things you should know in addition to basic operations.

**SPECIFICATIONS**

**TAMRON DI II 28-75 mm F/2.8 LD Aspherical [IF]**

- Weight: 550 g (19.6 oz)
- **Diameter**: 79.6 mm (3.1"")
- **Length**: 72 mm
- **Focal length range**: 18-210 mm
- **Maximum Aperture**: F3.5-6.3
- **Angle of View**:
  - 76°-37°
  - 35°-16°
- **Distances**:
  - Distance scale: 1:3.5 (at 207mm)
  - Distance index: 13.5
- **Zooming ring**
- **Zoom index mark**
- **Lens hood**
- **Lens hood attaching alignment mark**
- **Lens mounting contacts**

**ATTACHING AND REMOVING THE LENS**

**How to mount the lens**
Remove the rear cap of the lens. Align the Lens attachment mark 5 on the lens barrel with its counterpart on the camera mount and insert the lens.

In case of Nikon mount, rotate the lens counter-clockwise until it clicks into the locking position. In case of Canon mount, rotate the lens clockwise until it clicks into the locking position.

**How to detach the lens**
Press the lens release button on the camera down. In case of Nikon mount, rotate the lens clockwise until it clicks into the locking position. In case of Canon mount, rotate the lens counter-clockwise until it clicks into the locking position.

**FOCUSING (Autofocuse)**

Switch the AF/MF switch 3 on the lens to AF (Fig. 5). In case of Nikon camera with the focus mode selector dial, set the focus mode to “S” or “C”, and then set the AF/MF switch on the lens side 3 to “MF”. Focus manually rotating the focusing ring 1 while viewing through the camera’s viewfinder. The lens focuses automatically. An in-focus mark will light when the lens focuses on the main subject sharply. Press the shutter button further to photograph.

**Zooming**

1. Set the lens to the 18mm position. Move the switch 7 toward the camera, until the image in the viewfinder appears sharp. The infinity position is made with certain allowances to ensure focus under a variety of conditions.

2. For further details, please read the instruction manual of your camera.

**LENS HOOD**

A bayonet-type lens hood is provided as standard equipment. We recommend using the hood attached whenever possible as the lens hood eliminates stray light, which is harmful to the picture. However, please be aware of the precautions stated in the next section when your camera is equipped with a built-in flash.

**Attaching the Lens Hood**

1. Align the hood attaching alignment mark 2 on the lens with the corresponding index mark 5 on the top of the index line of the distance scale on the lens. Press the hood lightly onto the hood attaching bayonet ring (Fig. 3) and then rotate it clockwise to secure (Fig. 3). The lens hood will be secure when the mark “TAMRON” 9 is at the top (Fig. 3).

2. When attaching the lens hood, hold the focus and zoom control rings so that they are not rotated unintentionally.

- Pay particular attention to align the hood attaching indexes when using zoom lenses including wide-angle (e.g. 35mm or wider) settings.
- Improper attachment of a hood on a wide-angle zoom lens may cause large shaded areas in your pictures.

**PRECAUTIONS IN SHOOTING**

- The optical design for Di II takes into consideration the various features of digital single reflex cameras. However, due to the configuration of the digital single reflex cameras, even when the autofocus accuracy is within specifications, the focal point may be a little forward or behind the optimum point when shooting with auto focus under some conditions.
- The image circle of Di II lenses are designed to match the digital SLR cameras using the image sensors equivalent to APS-C (approx. 15.5" x 23.2mm). Do not use Di II lenses with cameras using image sensors larger than APS-C. Using Di II lenses with such cameras may cause vignetting on the image.
- The Tamron lenses described here employ an internal focusing (IF) system. Because of the characteristics of this optical design, the angles of view at distances other than infinity are wider than that of the lenses applying an ordinary focusing system.
- When the built-in flash on the camera is used, adverse photographic phenomena such as corner illumination fall-off or vignetting at the bottom part of the image may be observed, especially in wide angle ranges. This is due to the inherent limitation of the coverage of the built-in flash, and/or the relative position of the flash to the edge of the lens barrel which causes shadows on the image. It is strongly recommended to use a suitable separate flash unit provided by the camera manufacturer for all flash photography. For further details, please read the “built-in flash” article on the instruction manual of your camera.
- With the lens in the telephoto focal range, please be careful of camera shake.
- To reduce image blur when using the VC function, follow the steps below.
  1. Locking: Set the lens to the 18mm position. Move the switch 1 toward the camera, until the image in the viewfinder blurs after the shutter button is pressed down halfway, but this is not a malfunction.
  2. When the VC is ON, immediately after the shutter button is pushed halfway down and approximately 2 seconds after a finger releases the shutter button, the camera will “click”. This sound is the camera’s locking mechanism activating, not a malfunction.
  3. When the VC switch OFF when using tripod.
  4. When the VC is used on the lens barrel while turning focusing ring, it may cause serious damage to the lens mechanism.
  5. When the VC is not used, set the switch off.
  6. When VC is not used, set the switch off.

**VC MECHANISM**

VC (Vibration Compensation) is a mechanism which reduces the image blur caused by hand-held shooting. When using the VC, pictures can be taken at shutter speeds up to a maximum of 4 stops slower than the speed when the VC is not used.

Based on the company’s standard measurement. Also, the correction of image blur differs depending on the conditions during picture taking and the person using the camera.

**How to use VC mechanism**

1. VC can be used in AF or MF mode.
2. Set the VC switch on.
3. When VC is not used, set the switch off.
4. Press the shutter button halfway to verify the effect of the VC.
5. When the shutter button is pressed down halfway, it takes about 1 second for the VC to provide a stable image.
6. With the VC mechanism, there are occasions when the image in the viewfinder blurs after the shutter button is pressed down halfway.

**The VC may not be able to give full effect in the following cases:**

- The VC may be effective for hand-held shots under the following conditions.
  - Dimly lit locations
  - Scenes where flash photography is forbidden
  - Situations where your footing is uncertain
  - Taking continuous shots of a moving subjects
  - Using a tripod while shooting
  - When set on AF mode

**ATTACHING THE LENS HOOD**

1. Set the VC switch OFF when taking pictures with the bulb setting or during long exposures. If the VC switch is ON, the VC mechanism may introduce errors.
2. When the VC is OFF, make sure the image in the viewfinder appears sharp. The infinity position is made with certain allowances to insure proper focus under a variety of conditions.

3. The VC can be used in AF or MF mode.
4. When turning focusing ring while pressing the shutter button halfway, the focus aid function lamp lights up when the picture is in focus.

5. At infinity, make sure the image in the viewfinder appears sharp. The infinity position is made with certain allowances to ensure proper focus under a variety of conditions.

6. For further details, please read the instruction manual of your camera.

**STOWING LENS HOOD ON THE LENS**

1. Reverse the lens hood. Point the lens toward the opening, then align the hood attaching index on the lens with the TAMRON alignment mark on the hood.
2. Turn the hood clockwise until the alignment mark 6 is at the top set. (Fig. 11)

**HOW TO CLEAN THE LENS**

- Use a lens cleaning tissue or lint cloth with a drop of cleaning solution to remove fingerprints or dust from the lens element surface. When not using the lens, always place a lens cover on the lens.
- For more details, please read the instruction manual of your camera.