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.

• Explains precautions that help to prevent problems.
• Explains things you should know in addition to basic operations.

PART NAMES (Refer to Fig. 1, if not specified)

1. Lens hood
2. Hood attaching alignment mark
3. Hood locking mark
4. Filter ring
5. Hood release mark
6. Zooming ring
7. Focal length scale
8. Focal length mark
9. Focus ring
10. Distance scale
11. Distance mark
12. Tripod mount mark
13. Tripod mount release mark (lens side)
14. Tripod mount (tripod side)
15. Lens attaching mark
16. AF/MF switch
17. VC (Vibration Compensation) switch
18. Focus limiter
19. VC mode switch
20. VC mode
21. Wide-side zoom lock switch

MAIN SPECIFICATIONS

A022

- Focal Length: 150-600 mm
- Maximum Aperture: F/5-6.3
- Angle of View: 16°53' - 4°
- Lens Construction: 13/21
- Minimum Focus Distance: 2.2 m (86.6")
- Maximum Magnification Ratio: 1.39 at 600 mm
- Filter Size: ø 95 mm
- Diameter ø: 108.4 mm (4.3")
- Length: ø: 297.7 mm (11.7")
- Weight (with tripod mount) 1,990 g (70.2 oz)
- Filter Size ø 95 mm
- Diameter ø: 108.4 mm (4.3")
- Length: 399.3 to 479.4 mm

- Values are specifications of Nikon products.
- Length: Distance from lens front to mount surface.

ATTACHING AND REMOVING THE LENS

Remove the rear cap of the lens. Align the lens attaching mark and mounting mark on the camera, and then insert the lens.

When shooting while using a tripod

• To limit the autofocus range to close (1.0 to 2.2 m) subjects (Ref. Fig. 7)
• To limit the autofocus range to distant (infinity to 10 m) subjects (Ref. Fig. 8)
• To limit the focus limiter switch to "∞-10 m".
• When not using the focus limiter (Ref. Fig. 9)
• Set the focus limiter switch to "FULL".

ZOOMING (Ref. Figs. 1 & 2)

While looking through the camera's viewfinder, rotate the zooming ring of the lens to set the focal length suitable for the image, and then shoot.

FLEX-ZOOM LOCK MECHANISM (Ref. Figs. 1, 10 & 11)

This mechanism is intended to stop the lens from zooming inadvertently at any position. Rotate the zooming ring to the zoom position, and then apply the lock after you have determined the position.

- Setting the zoom lock (Ref. Fig. 10)
- Move the zooming ring to the subject side until the white mark is visible.

- Releasing the zoom lock (Ref. Fig. 11)
- Move the zooming ring to the camera side.

- During activities such as carrying the product, use the wide-side zoom lock to prevent dropping due to its own weight.
- To zoom, release the lock, and then rotate the zooming ring.
- Take care not to get your fingers pinched while you switch the zoom lock.
- If the camera will not be used for an extended period, release the flex-zoom lock before storage.

LENS HOOD (Ref. Figs. 1, 12 to 14)

A bayonet-type lens hood is provided as standard equipment. We recommend shooting with the hood properly attached because the lens hood eliminates stray light that may affect the picture.

- Align the hood attaching alignment mark of the hood with the hood release mark of the lens.
- Rotate the hood in the direction of the arrow until the hood locking mark meets the hood release mark.

- Align the hood locking mark of the hood with the hood release mark of the lens.
- Rotate the hood in the direction of the arrow until the hood attaching alignment mark meets the hood release mark.

- Be aware that the perimeter of the photographed image may be darkened if the hood is not attached properly.

TRIPOD MOUNT (Ref. Figs. 1, 15 to 17)

The A022 model comes with a tripod mount. When you use a tripod, lock the lens firmly to the tripod using the tripod mount.

- Changing the directional position of the camera (Ref. Fig. 15)
- When you change the directional position of the camera, you can rotate the lens by loosening the tripod mount locking screw.
- After determining the shooting position, tightly secure the tripod mount locking screw.

- Attaching and removing the tripod mount (Ref. Figs. 16 & 17)
- You can mount and dismount the lens by loosening the tripod mount locking screw, rotating the lens, and then aligning the release marks and to the same position.
- After attachment, tightly secure the tripod mount locking screw.

- The A022 tripod mount can be attached to an ARCA-SWISS camera platform.

PRECAUTIONS WHEN SHOOTING

- An internal focusing (IF) system is employed to achieve the minimum focus distance. Because of this, the shooting range is wider than that of lenses using other focusing systems when shooting at a distance less than infinity.
- Always remove the hood when you use the built-in flash on the camera for flash photography. Otherwise, the hood or lens may darken the perimeter of the image. With close-up photography, the lens itself blocks the flash, and dark semicircle may appear at the bottom of the screen, even when the lens hood is not used. For flash photography, we recommend that you use an external flash unit provided by the camera manufacturer.
- Differences in the display systems of cameras may result in the display of values different from the maximum and minimum aperture values in the specifications. This is not an indication of an error.
- Use with mirrorless interchangeable-lens cameras is not guaranteed.
TO ENSURE LONG-TERM SATISFACTION

- Remove dust and soiling on the lens by using a blower or soft brush. Do not touch the lens with your fingers.
- When fingerprints or oil have adhered to the lens, lightly wipe with commercially available lens cleaning paper, soak a well-washed cotton cloth, or microfiber cloth (cleaning cloth for glasses, etc.) in lens cleaner, and then lightly wipe the lens surface starting from the center. Do not use a silicone cloth.
- Clean the lens barrel using a silicone cloth. Never use benzene, thinner, or other organic solvents.
- Mildew is a major problem for lenses. Store your lens in a clean, cool, and dry place. When you store the lens in a lens case, store it with a commercially available drying agent and replace the drying agent occasionally.
- Do not touch the lens-camera interface contacts. If dust or stains cause contact problems, signals are not transmitted properly between the lens and camera, and malfunctions may occur.
- If the temperature changes suddenly, moisture may form within the camera and lens and cause malfunctions.

To prevent this, seal your equipment in a plastic bag or similar container. After your equipment has adjusted to the ambient temperature, remove it from the bag and use it as usual.

Disposal of Electrical and Electronic Equipment in Private Households.
Disposal of used Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol indicates that this product shall not be treated as household waste. Instead it shall be collected separately for the recycling of electrical and electronic equipment.

If the new products are purchased, this product might be handed over to the distributor or the collection system of waste electrical and electronic equipment eventually.

By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product or components of this product.

If this product is disposed illegally, it might cause a possibility of penalties. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.
Precautions for Safe Use of Tamron Lenses

For safe operation be sure to carefully read the "Precautions for Safe Use of Tamron Lenses" and the manual before using the product. After reading them, store them in a place where they can easily be reviewed whenever needed.

Caution instructions are divided into the following two categories according to the degree of danger involved.

**WARNING**

This indicates instructions which if not followed or if performed incorrectly could lead to death or serious injury.

- Do not directly view the sun or other strong light source using this lens or a camera to which the lens is attached. Doing such could cause loss of vision or other damage.
- Do not disassemble, repair, or modify the lens. This could damage the lens or camera.
- Keep the lens out of the reach of small children. There is a risk of injury if the lens is dropped or falls down.

**CAUTION**

This indicates instructions which if not heeded or if performed incorrectly could lead to bodily injury or physical damage.

- Do not place lens in direct sunlight or leave it in an extremely hot place such inside a car. Doing such could damage the internal parts of the lens or cause a fire.
- Always attach the lens cap whenever the lens is not in use.
- When attaching the lens to the camera, ensure that the lens has been properly attached to the camera and firmly locked. If the lens is not attached properly, it could be difficult to remove or it could fall off causing damage or injury.
- Do not use this lens for any application other than photography.
- Do not transport the lens while it is still attached to a tripod.