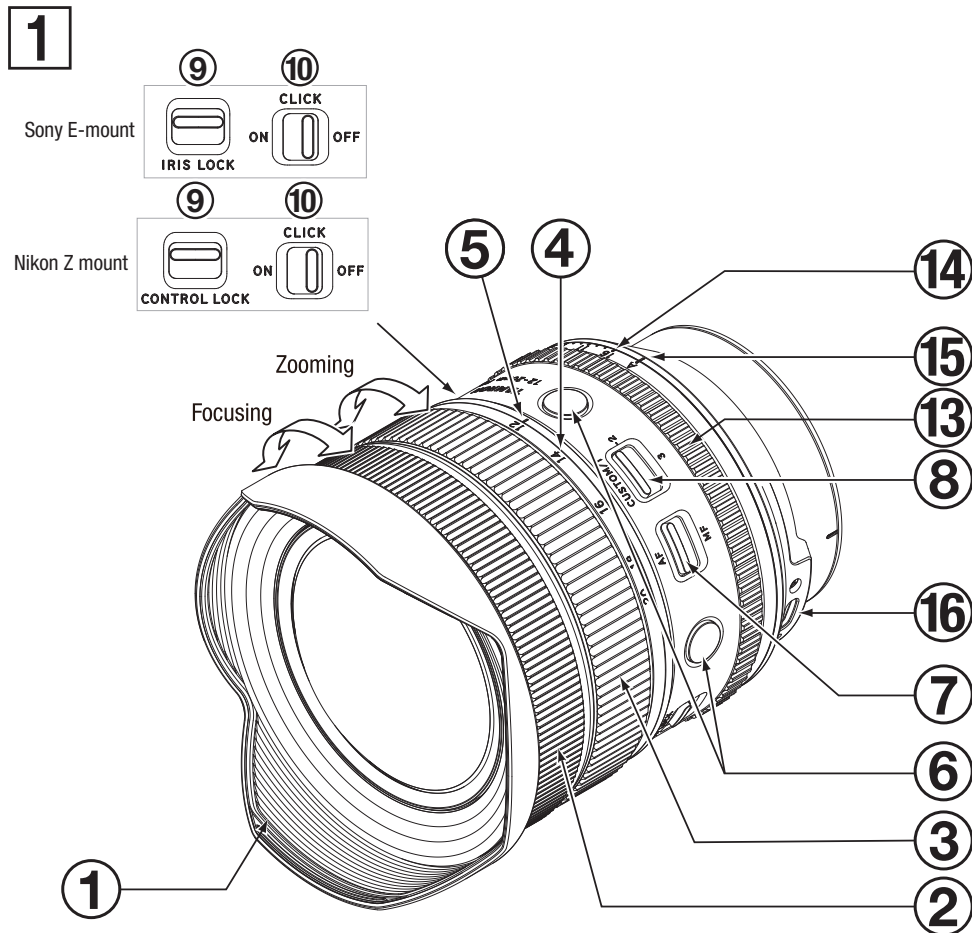


TAMRON

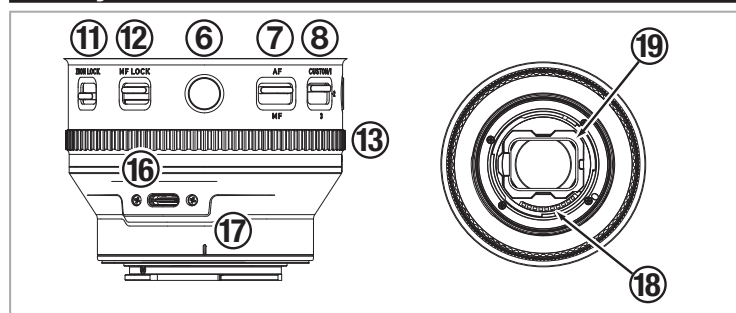
Model: A084 Owner's manual

12-20mm F/2.8

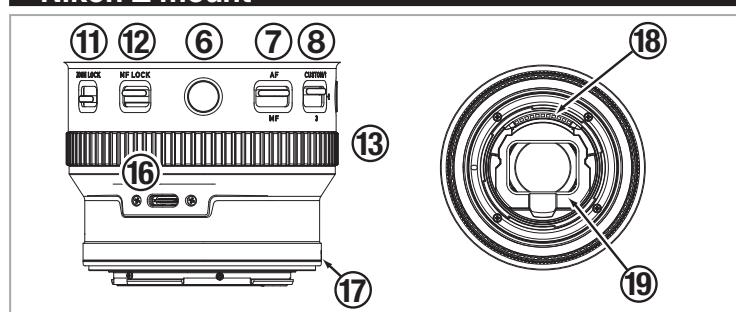
For Sony E-mount
For Nikon Z mount

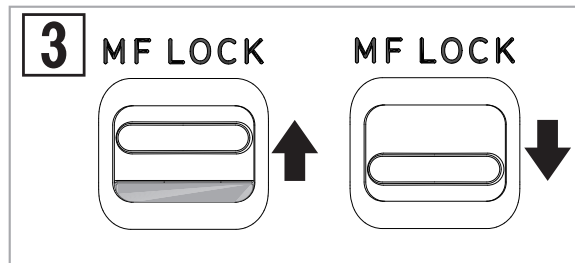
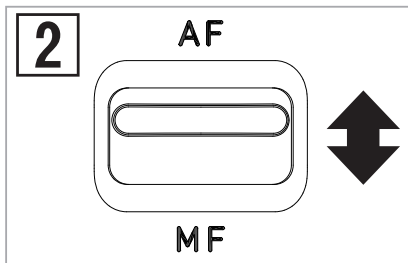


Sony E-mount

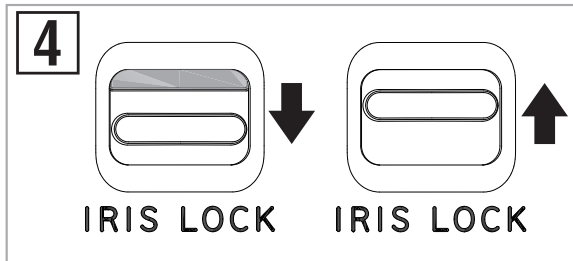


Nikon Z mount

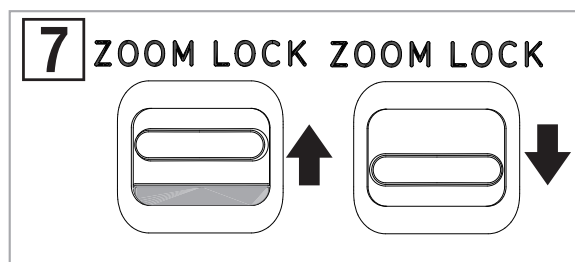
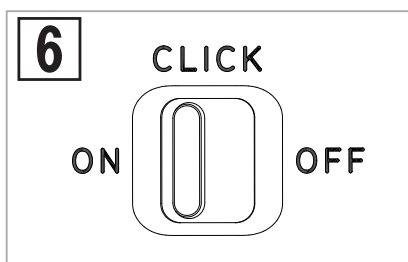
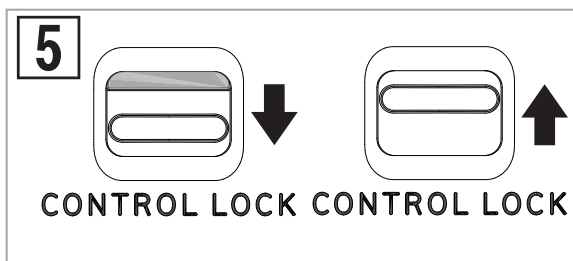




Sony E-mount

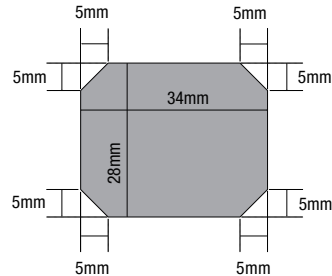
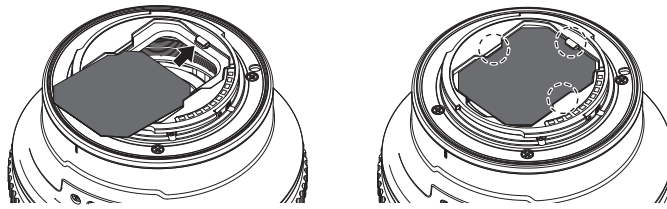


Nikon Z mount



Sony E-mount

8

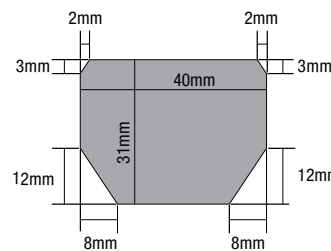
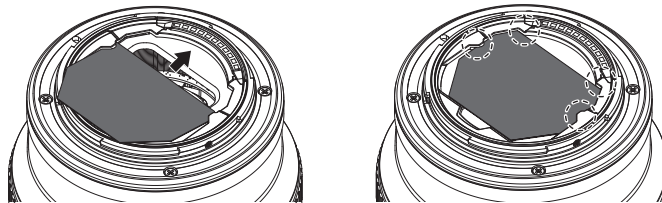


Rear Filter
For Sony E-mount

Thickness: 0.2mm or Less

Nikon Z mount

9



Rear Filter
For Nikon Z mount

Thickness: 0.2mm or Less



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

* Das CE-Zeichen entspricht der EC Norm.

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

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

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

* CE标志表示符合欧洲共同体 (EC) 指标



The EEC Conformity Report applies to the Council Directive 2014/30/EU, 2011/65/EU and is used by Tamron Co., Ltd., manufacturer of this product.

Important information about software:

https://s3-ap-northeast-1.amazonaws.com/tamron-docs/consumer/support/download/inst/a084/a084_oss.pdf

For Customer in UK

STATEMENT OF COMPLIANCE

UK Product Security and Telecommunications Infrastructure Act 2022

<https://www.tamron.eu/en-GB/help-center/psti>



ENGLISH

Thank you for purchasing this Tamron lens. Before using your new lens, please read the contents of this Owner's manual to properly use the lens. Also, it will be important to read the manual of the camera to which you will attach the lens. After reading, store this Owner's manual in a safe place. Please read also the document "Precautions for Safe Use of Tamron Lenses" for the detailed safety precautions to observe when using Tamron lenses.



- Explains precautions that help to prevent problems.



- Explains things you should know in addition to basic operations.

PART NAMES (Refer to Fig. [1])

- | | |
|---|----------------------------------|
| ① Lens Hood | ② Focus Ring |
| ③ Zoom Ring | ④ Focal Length Scale |
| ⑤ Focal Length Mark | ⑥ Focus Set Button |
| ⑦ AF/MF Switch | ⑧ Custom Switch |
| ⑨ IRIS Lock Switch (Sony E-mount) / Control Lock Switch (Nikon Z mount) | ⑩ Click ON/OFF Switch |
| ⑪ Zoom Lock Switch | ⑫ MF Lock Switch |
| ⑬ IRIS Ring (Sony E-mount) / Control Ring (Nikon Z mount) | ⑭ Aperture Scale (Sony E-mount) |
| ⑮ Aperture Index (Sony E-mount) | ⑯ Connector Port |
| ⑰ Lens Attachment Mark | ⑱ Lens-camera Interface Contacts |
| ⑲ Rear Filter Holder | |

MAIN SPECIFICATION

Model	A084
Focal Length	12 - 20 mm
Maximum Aperture	F2.8
Angle of View (diagonal)	121°58' - 94°30'
Optical Construction	12/17
Minimum Object Distance (MOD)	0.18 m (7.1") (Wide) / 0.28 m (11.1") (Tele)
Maximum Magnification Ratio	1:5.8 (Wide MOD) / 1:9.1 (Tele MOD)
Filter Size	N/A ^{*1}
Maximum Diameter	ø 90 mm
Length	119.3 mm (4.7") / Sony E-mount, 121.3 mm (4.8") / Nikon Z mount
Weight	570 g (20.2 oz) / Sony E-mount, 585 g (20.7 oz) / Nikon Z mount
Sensor Size	Full frame
Connector Type	USB Type-C



- Length : From front end of the lens to mount surface.
- Specifications, appearance, functionality, etc., are subject to change without prior notice.

^{*1} A rear filter holder is available.

ATTACHING AND REMOVING THE LENS

Remove the rear cap of the lens. Align the Lens Attachment Mark ⑰ and mounting mark on the camera, and then insert the lens. Turn the lens clockwise for Sony E-mount lens or counterclockwise for Nikon Z mount lens until it locks. To remove the lens, turn the lens in the opposite direction while pressing the lens release button on the camera.



- Turn off the power of the camera before attaching or removing the lens.



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

SWITCHING FOCUS MODE (Ref. Figs. [1], [2])

■ AF/MF Switching (Ref. Figs. [1], [2])

To shoot using autofocus (AF), set both the camera and the AF/MF Switch ⑦ on the lens to "AF". (Ref. Fig. [2]) (If the lens is set at "MF", it will not autofocus.)

To shoot using manual focus (MF), set the camera and/or the lens AF/MF Switch ⑦ to "MF". For manual focus, turn the Focus Ring ② to acquire the focus. (Ref. Figs. [1], [2])



- Under AF mode, there may be difficulty for autofocus to work depending on the subject.
- For Sony E, if your camera features an AF/MF control button, it is possible to temporarily switch to MF from AF, by pressing the AF/MF control button. When the lens set to "AF" and the camera set to "MF", by pressing the AF/MF control button you may temporarily switch the focus to AF.
- For Nikon Z, you may apply functions from the camera to the Control Ring ⑬. (under focus mode/ AF)



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

MF LOCK SWITCH (Ref. Figs. [1], [3])

This switch locks the Focus Ring ②. It can be set during both AF and MF shooting.

- To lock the Focus Ring: Slide the MF Lock Switch ⑫ toward the Zoom Ring side. (Ref. Fig. [3])
- To unlock the Focus Ring: Slide the MF Lock Switch ⑫ back toward the camera side. (Ref. Fig. [3])

FOCUS SET BUTTON (Ref. Fig. [1])

Press the Focus Set Button ⑥ to use the function that has been assigned from the camera. See the manual of the camera for more details.

CONNECTOR PORT (Ref. Fig. 1)

Lenses with the Connector Port 16 can be connected to a computer using the TAMRON connection cable (sold separately). Then, using the dedicated "TAMRON Lens Utility" application, you will be able to update the firmware and register functions to the Focus Set Button 6.

See the online help of "TAMRON Lens Utility" using the link below for more details.

<https://www.tamron.com/global/consumer/soft/lensutility/>



- Do not use the TAMRON connection cable (sold separately) for any purpose other than connecting the TAMRON lens equipped with a connector port to a computer.
- Tamron will not bear any responsibility for any loss or damage of data in use of the TAMRON connection cable (sold separately).

CUSTOM SWITCH (Ref. Fig. 1)

Using the Custom Switch 8, you can switch the functions registered to the lens with the dedicated "TAMRON Lens Utility" application.

APERTURE RING (For Sony E-mount) (Ref. Figs. 1, 4)

The aperture can be set to either Auto or Manual using the Aperture Ring 13. (Fig. 1)

Aligning the "A" on the Aperture Scale 14 sets it to Auto, while aligning it with "F2.8 – F16" sets it to Manual.

IRIS Lock Switch

This switch locks the Aperture Ring 13 at the "A" position on the Aperture Scale 14, or within the manual range between "F2.8 – F16."

- To lock at "A" (Auto): Align the "A" on the Aperture Ring 13 with the Aperture Index 15, then slide the IRIS Lock Switch 9 toward the camera side. (Fig. 4)
- To lock within the manual range (F2.8 – F16): Align any aperture value between F2.8 and F16 with the Aperture Index 15, then slide the IRIS Lock Switch 9 toward the camera side. This locks the ring within the F2.8 – F16 range and prevents it from accidentally entering the "A" (Auto) position.
- To release the IRIS lock switch 9, slide it toward the zoom ring side. (Fig. 4)



- When the Aperture Ring 13 is set to any value other than "A", the lens setting takes priority. In this case, the aperture must be adjusted using the ring on the lens; it cannot be changed using the camera's dials.
- For details, please read the instruction manual of your camera.

CONTROL RING (For Nikon Z mount) (Ref. Figs. 1, 5)

Adjustment functions, such as aperture and exposure, can be assigned to the Control Ring 13. (Ref. Fig. 1)

Control Lock Switch

You can choose to perform adjustments (such as aperture or exposure) either on the camera body or using the Control Ring 13 on the lens. (Ref. Figs. 1, 5)

- To adjust on the camera (Lock ON): Slide the Control Lock Switch 9 toward the camera side. (Ref. Fig. 5)
- To adjust on the lens (Lock OFF/Release): Slide the Control Lock Switch 9 toward the zoom ring side. (Ref. Fig. 5)



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

CLICK ON/OFF SWITCH 10 (Ref. Figs. 1, 6)

You can enable or disable the clicking sensation for the Aperture Ring 13 (Sony E-mount) and the Control Ring 13 (Nikon Z mount). (Ref. Figs. 1, 6)

- Click ON: Moves the ring in increments (stops) for precise control. (Ref. Fig. 6)
- Click OFF: Recommended for video recording as it allows for seamless ring operation without clicking sounds. (Ref. Fig. 6)

ZOOMING (Ref. Fig. 1)

Turn the Zoom Ring 3 to adjust the focal length (Zoom position) to a desired position.

ZOOM LOCK (Ref. Figs. 1, 7)

The Zoom Ring 3 can be locked to prevent rotation at the 12mm or 20mm focal length positions.

- To lock the zoom: Align the 12mm or 20mm mark on the Focal Length Scale 4 with the Focal Length Index 5. Slide the Zoom Lock Switch 11 toward the Zoom Ring side. (Ref. Fig. 7)
 - To unlock the zoom: Slide the Zoom Lock Switch 11 back toward the camera side. (Ref. Fig. 7)
- Note: The lock can also be released by forcibly rotating the Zoom Ring 3.

REAR FILTER HOLDER (Ref. Figs. 8, 9)

This lens is equipped with a Rear Filter Holder 19. Cut a commercially available sheet-type filter (thickness 0.2mm or less) to size and insert it into the holder. Setting the Zoom Ring 3 to the 20mm (telephoto end) position makes insertion easier.

How to Install:

Sony E-mount: Cut the sheet filter to the size shown in Fig. 8 and insert it into the Rear Filter Holder 19.

Nikon Z mount: Cut the sheet filter to the size shown in Fig. 9 and insert it into the Rear Filter Holder 19.



- Ensure that the filter is securely fixed within the area indicated by the dotted circle in Figs. 8 and 9. If not securely fixed, the filter may fall out.
- Be careful not to touch or damage the rear lens element when inserting the filter. (Figs. 8, 9)
- Only one filter can be used at a time.
- Ghosting may occur depending on the type of filter used.



About the wrapping cloth

- The included wrapping cloth is designed to protect the lens from scratches and does not provide protection against drops or impacts.
- Exposure to rain or subjected to friction may cause fading, discoloration, or stretching.
- When storing and carrying lenses, be careful to prevent them from rolling off.
- The cloth cannot be used as a cleaning cloth for the lens surface, LCD screen, or similar surfaces.
- Wipe off any dirt or moisture from the surface with a dry, soft cloth. Do not use solvents such as alcohol, benzine, thinner, or acetone, as well as bleach or highly volatile chemicals, as they may cause the material to deteriorate, discolor, or degrade.

Wrapping cloth material: 100% polyester.

USAGE PRECAUTIONS

- An internal focusing (IF) system is employed to reduce the minimum focus distance. The angle of view may be wider than that of lenses with other focusing systems when shooting at a distance less than infinity.
- The lens hood or the lens barrel may block the light from the flash. It is recommended to perform trial shooting in advance.
- Differences in the display systems of cameras may cause to show values different from the maximum and minimum aperture values from the specifications. This is not an indication of an error.
- Do not touch the Lens-camera Interface Contacts ⑱ with your fingers. Otherwise, it may cause a malfunction.
- If the temperature changes suddenly, condensation may form and cause malfunctions.
- The front lens is covered with stain-proof coating. After removing the dust on the lens surface with a blower or another means, wipe it with a dry cloth.
- Never use benzene, thinner, or other organic solvents to clean the lens.
- Store the lens in a clean and well-ventilated place.
- For more details on the lens cleaning and storage, the compatibility with cameras, and other support information see our website. <https://www.tamron.com/global/consumer/support/>



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.



TAMRON**ENGLISH**

Precautions for Safe Use of Tamron Lenses

For safe operation be sure to carefully read this "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 view the sun or other strong light source directly through the lens or through a camera while using this lens.
Doing so could cause loss of vision, damage to the lens and/or the camera, and possibly cause the lens and/or camera to ignite.
- 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 as 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 carry around the lens while it is still attached to a tripod.
- Regarding the lens equipped with a connector port
 - 1) Place the lens in a stable location when customizing the lens using the dedicated application (TAMRON Lens Utility™). Make sure not to let it fall or impact the lens.
 - 2) When connecting the lens to a computer, use a Tamron connection cable (sold separately).
 - 3) Do not touch the connector port with your fingers or a metal object. Also, prevent dust or water from adhering to the connector port. If the connector port is dirty, it may cause connection problems.
- Tamron will not be responsible for damages caused by a failure, a fire, or other accidents that may occur when using an accessory other than Tamron accessories. Note that in case of such damage, repair of the Tamron lens will be charged since it is not covered by the warranty.