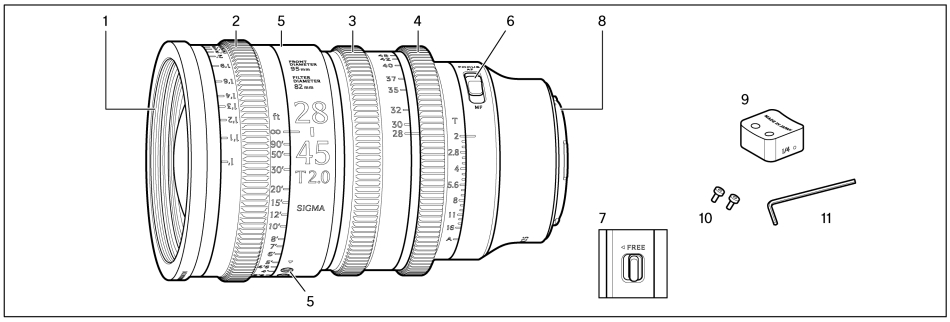
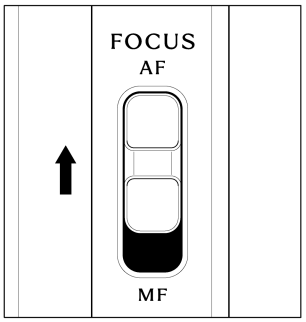
SIGMA

AF CINE LINE
English
Instructions

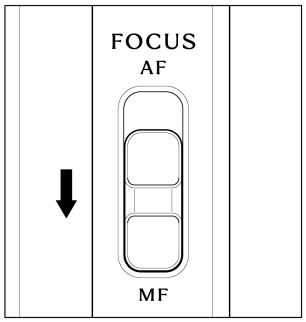
1



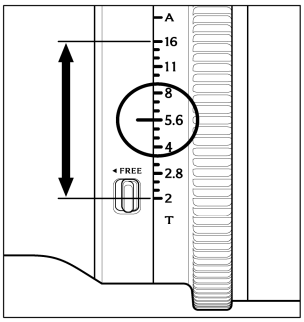
2



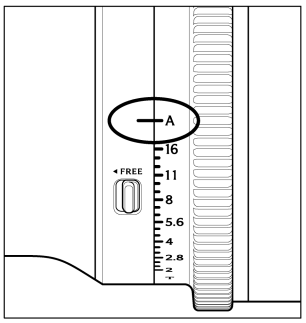
3



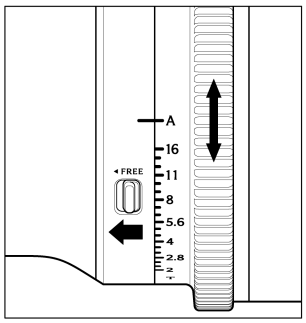
4



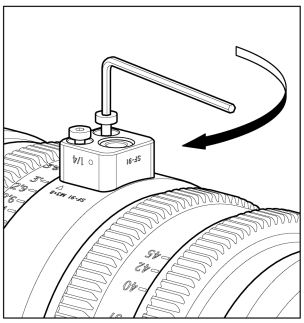
5



6



7



SIGMA

AF CINE LINE
English
Instructions

Ver.0 (Not final version. To be updated later.)
This information is confidential, and will be disclosed at our official press release later. It is strictly forbidden to disclose this information to anyone before our press release. If anyone discloses this information before our release, we will pursue civil and criminal liability in accordance with appropriate laws of each country.

Thank you for purchasing a Sigma lens. Please read this instruction manual carefully to correctly understand the lens's functions, operation, and handling precautions.

WARNING!! : SAFETY PRECAUTIONS

- Do not look directly at the sun, through the lens. Doing so can cause damage to the eye or loss of eyesight.
- Do not leave the lens in direct sunlight without the lens cap attached, whether the lens is attached to the camera or not. This will prevent the lens from concentrating the sun's rays, which may cause a fire.
- The shape of the mount and its surrounding parts are very complex. Please be careful when handling them so as not to cause injury.
- Please select a sturdy tripod that is capable of supporting this lens. If the tripod is not sturdy enough, it may cause the lens to fall.
- This lens has a built-in magnet. Please keep it at least 5cm (2in) away from medical devices such as cardiac pacemakers as it may adversely affect them.
- Please do not place credit cards featuring a magnetic strip (or any other object that is sensitive to a magnetic field) close to the lens as it could damage the data stored on the card.

DESCRIPTION OF THE PARTS (fig.1)

1. Filter Attachment Thread
2. Focus Ring / Focus Drive Gear
3. Zoom Ring / Zoom Drive Gear
4. Iris Ring / Iris Drive Gear
5. Lens support foot fixing screw holes
6. Focus Mode Switch
7. Iris Ring Lock Switch
8. Mount
9. Lens support foot
10. Lens support foot fixing screws (2 pieces)
11. Hex key

CAUTION

On cameras where lens aberration correction is controlled with 'ON' or 'OFF' in the camera menu, please set all aberration correction functions to 'ON'(AUTO).

ATTACHING TO THE CAMERA BODY

Please refer to the camera's instruction manual for details on how to attach it to or detach it from the camera body.

- On the lens mount surface, there are electrical contacts. Please be careful with their handling as scratches or dirt on them could cause malfunctions or damage.

FOCUSING

For autofocus operation, set the focus mode switch on the lens to the "AF" position (Fig.2). If you wish to focus manually, set the focus mode switch on the lens to the "MF" position (Fig.3). You can adjust the focus by turning the focus ring (Fig.1-2).

- Please refer to camera's instruction manual for details on changing the camera's focusing mode.
- When the camera is set to manual focus mode, it may not be possible to set the desired focus position.
- The distance scale on the focus ring is only a guide.
- When the focus mode switch is set to AF, the autofocus drive and focus ring are not linked, so the distance scale and actual focus position do not match.
- When adjusting the focus manually after autofocusing, it may not be possible to adjust the focus to the desired position.
- When the focus mode switch is set from AF to MF, the focus will be adjusted to the position indicated by the distance scale at that time.

ZOOMING

Turn the zoom ring (Fig.1-3) to change the focal length for the best composition.

SETTING THE APERTURE VALUE

Turn the iris ring to set the desired T-value (Fig.4). To set the aperture value on the camera side, set the iris ring to the A position (Fig.5).

- To set or remove the A position, turn the iris ring while sliding the iris ring lock switch toward 'FREE' (Fig.6).
- Check the camera's instruction manual for how to adjust exposure.
- With some cameras, the iris ring does not work.
- The aperture value engraved on the iris ring is the T-value, but the aperture value displayed on the camera is the F-value. (Some cameras allow you to switch the aperture display to T-value.)

LENS SUPPORT FOOT

This lens has a lens support foot to improve stability. It can be attached to the lens support on the rig.

HOW TO ATTACH

It is possible to fix the lens support foot, using the two supplied screws, to the holes on the lens barrel. Use the supplied hex key and tighten the screws in the two different holes (fig.2).

CAUTION

- As shown in the below chart, it is necessary to use the dedicated lens support foot and screws for each model. If other types are used, it could damage the lens barrel and stability of the lens may not be sufficient.

Model of lens support foot	Lens support foot fixing screws
SF-91	M3×8

- Please only use the supplied hex key. Other hex keys may not be suitable to tighten the screws sufficiently.
- Make sure the lens support foot is always attached to the rig while shooting. It is not designed to stabilize the weight of the camera and lens by itself.

MOUNTING THE MATTE BOX (28-45 mm T2)

If your matte box cannot be mounted securely, use the separately sold Clamp-on Ring COR-21. This increases the mounting area, allowing you to mount the matte box securely.

BASIC CARE AND STORAGE

- Avoid any shocks or exposure to extreme high or low temperatures or to humidity.
- For extended storage, choose a cool and dry place, preferably with good ventilation. To avoid damage to the lens coating, keep away from mothballs or naphthalene gas.
- Do not use thinner, benzine or other organic cleaning agents to remove dirt or finger prints from the lens elements. Clean by using a soft, moistened lens cloth or lens tissue.
- The lens has a dust and splash resistant structure. Although this construction allows the lens to be used in light rain, it is not the same as being waterproof, so please prevent large amounts of water from splashing on the lens. It is often impractical to repair the internal mechanism, lens elements and electric components if they are damaged by water.
- Sudden temperature changes may cause condensation or fog to appear on the surface of the lens. When entering a warm room from the cold outdoors, it is advisable to keep the lens in the case until the temperature of the lens approaches room temperature.

SPUR GEAR SPECIFICATIONS

	Focus drive gear	Iris drive gear	Zoom drive gear
Number of teeth	118	112	112
Module	0.8	0.8	0.8
P.C.D	94.4 mm	89.6 mm	89.6 mm
Angular rotation	200°	57°	60°

- The glass materials used in the lens do not contain environmentally hazardous lead and arsenic.
- This Product uses the Source Code of μ T-Kernel under μ T-License granted by the TRON Forum (www.tron.org).