ENGLISH

Thank you very much for purchasing a Sigma Lens. In order to get the maximum performance and enjoyment out of your Sigma lens, please read this instruction booklet thoroughly before you start to use the lens.

DESCRIPTION OF THE PARTS (fig.1)

① Filter Attachment Thread
② Focus Ring
③ Distance Scale
④ Depth of Field Read Out Index
⑤ Focus Index Line
⑥ Focus Mode Switch
⑦ Mount
⑧ Lens Hood

NIKON AF TYPE CAMERAS

This lens functions in the same way as a G Type auto-focus Nikon lens (without an aperture ring). Functions may be restricted depending on the lens/camera combination. For more details, please refer to the camera's instruction manual.

PENTAX AF TYPE CAMERAS

This Lens functions same as a FAJ Type (type without Aperture) auto-focus Pentax lens. Depending on the combination with camera some restrictions with its functions may result. For more details, please refer to instruction manual of the camera in use etc.

ATTACHING TO CAMERA BODY

When this lens is attached to the camera body it will automatically function in the same way as your normal lens. Please refer to the instruction booklet for your camera body.

- On the lens mount surface, there are a number of couplers and electrical contacts. Please keep them clean to ensure proper connection. To avoid damaging the lens, be especially sure to place the lens with its front end down while changing the lens.
- Many accessories such as rear mounted teleconverters, extension tubes, etc., are specially made for designated lenses. Before you purchase such accessories, please check your Sigma lens to determine that it is compatible and that the accessories will function properly with it.

SETTING THE EXPOSURE MODE

The sigma lens functions automatically after mounting to your camera. Please, refer to the camera instruction book.

FOCUSING

This lens features Sigma's built-in Hyper Sonic Motor (HSM). The HSM enables quick and quiet autofocusing.

《SIGMA AF and CANON AF》

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 "**M**" position. You can adjust the focus by turning the focus ring.

《NIKON AF , PENTAX AF, SONY and FOUR THIRDS》

For autofocus operation, set the camera to AF mode and 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 "**M**" position. You can adjust the focus by turning the focus ring. (In the case of Four-Thirds cameras it is necessary to switch the camera to MF mode as well)

- Please refer to camera's instruction manual for details on changing the camera's focusing mode.
- For Nikon, Pentax and Sony mounts, it is only possible to use AF with camera bodies which support motors driven by ultrasonic waves such as HSM. AF will not function if the camera body does not support this type of motor.
- This lens also permits manual focusing even in the autofocus mode. With the camera set to the One-Shot AF (AF-S) mode, it is possible to manually override the autofocus while the shutter release button is pressed halfway.
- When operating this lens in manual focus mode, it is recommended that correct focus be confirmed visually in the viewfinder rather than relying on the distance scale. This is due to possible focus shift resulting from extreme changes in temperature which cause various components in the lens to expand and contract. Special allowance is made for this at the infinity setting.

DEPTH OF FIELD SCALE

The depth of field scale helps you to check the depth of field (the zone of sharpness) of your composition. For example in figure (3), the depth of field zone is shown when the aperture F16 is used.

LENS HOOD

A bayonet type detachable hood is provided with the lens. This lens hood helps to prevent flare and ghosted images caused by bright illumination from outside the picture area. Attach the hood and turn clockwise until it stops rotation. (fig.4)

- When taking photographs using the built-in flash, it is advisable to remove the lens hood so as to avoid cutting off any of the flash output, which could cause a shadow in the picture.
- In order to place the lens and hood into the storage case, you must first remove the hood, then replace it on the lens in the reverse position. (fig.5)

FILTER

- Only one filter should be used at the time. Two or more filters and/or special thicker filters, like a polarizing filter, may cause vignetting.
- When using a polarizing filter with AF camera, use the "circular" type.

BASIC CARE AND STORAGE

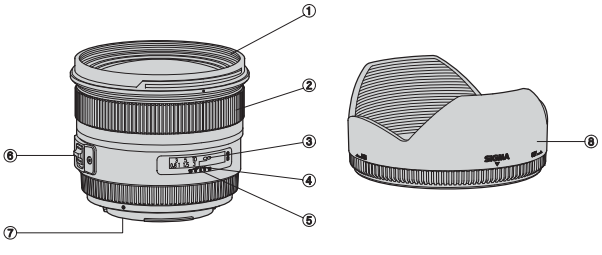
- Avoid any shocks or exposure to extreme high or low temperatures or to humidity.
- For extended storage, choose a cool and dry place, preferably with good ventilation. To avoid damage to the lens coating, keep away from mothballs or naphthalene gas.
- Do not use thinner, benzine or other organic cleaning agents to remove dirt or finger prints from the lens elements. Clean by using a soft, moistened lens cloth or lens tissue.
- This lens is not waterproof. When you use the lens in the rain or near water, keep it from getting wet. It is often impractical to repair the internal mechanism, lens elements and electric components 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.

TECHNICAL SPECIFICATIONS

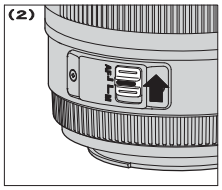
Lens construction	6 – 8
Angle of View	46.8°
Minimum Aperture	16
Minimum Focusing Distance	45cm (1.48 ft)
Magnification	1:7.4
Filter Size	77mm
Dimensions Dia.×Length	84.5×68.2mm (3.33×2.69 in)
Weight	505g (17.8 oz)

Dimensions and weight include the SIGMA mount.

(1)



(2)



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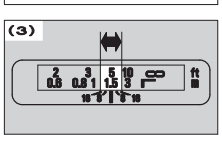

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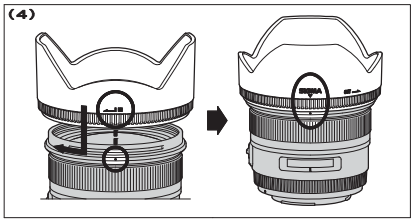

(5)