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)**

Filter Attachment Thread  
Focus Ring  
Distance Scale  
Focus Index Line  
Zoom Ring  
Lena Hood  

**DC LENS**

These are special lenses that are designated for digital cameras because the lens image circle is designated to correspond to the size of the image sensors of most digital SLR cameras. Specialized design gives these lenses the ideal properties for digital cameras.

- An image sensor element larger than those corresponding to APS-C cannot be used in digital cameras or 35mm SLR cameras. If such an element is used vignetting will occur on the picture surface.
- If you use SD14 or SD10 or SD2 digital cameras, corresponding angle of view will be 30-340mm.

**ATTACHING TO CAMERA BODY**

When the 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 clean them 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.

**SETTING THE EXPOSURE MODE**

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

**FOCUSING AND ZOOMING**

For autofocus operation, set the focus mode switch on the lens to “AF” position. If you wish to focus manually, set the focus mode switch on the lens to the “MF” position.

- To avoid damaging AF mechanism, please do not turn the focus ring manually while in the autofocus mode.
- The viewfinder of some Nikon AF cameras have indicators to display the focus status. The “ ” symbol indicates that correct focus has been set, “ ” indicates that focus is set in front of the subject, and “ ” indicates that focus is set behind the subject. When this lens is used with Nikon AF camera in MF mode, please adjust the lens‘ focus until the “ ” symbol is visible.
- 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 displays of depth-of-field. 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.

**(Zooming)**

Rotate the Rubber grip on the zoom ring to the desired position.

**(Zoom Lock Switch)**

This lens is also equipped with Zoom Lock Switch to eliminate the zoom creep when the lens is tilted down. Please set zooming ring to 18mm and set the zoom lock switch to the “LOCK” position. (fig.2)

**MAGNIFICATION**

The indication of the lens as “1:5” on a focusing distance scale represents the magnification (commonly called the reproduction ratio). For example when you are in focus at the “1:3.9” position on the scale, a subject with an actual size of 3.9cm will have an image size of 1cm on the film. (fig.3)

**ABOUT OS (OPTICAL STABILIZER) FEATURES**

This OS lens effectively compensates for image blurring caused by camera shake. Using the Optical Stabilizer function is possible to get sharp results at shutter speeds approximately 3-4 stops slower than you could without using the OS function.

Set the OS switch to ON. When shutter button is halfway down, confirm the image in the viewfinder is steady then take the picture. (It takes approximately 1 second to produce a steady image from the time of depressing the shutter button halfway).

- Do not use the Optical Stabilizer in the following situations:
  - When the lens is mounted on a tripod.  - When using the camera in Bulb mode.
  - The Optical Stabilization function is powered from the camera. If you are not using OS, please turn OFF the OS switch, in order to prevent unnecessary battery consumption.
- Be sure to turn the OS switch to the OFF position before attaching or detaching the lens to the camera.
  - The OS continues to operate after you release your finger from the shutter button, as long as the exposure meter displays the exposure value. Never remove the lens or remove the camera’s battery while the image stabilizer is operating as this could damage the lens.
  - Although the viewfinder image may appear to shake immediately after shooting and/or at the start of the flash charge cycle of the camera’s built-in flash, it will not cause any effect to the pictures.
- If the lens is detached from camera or the camera power is turned off while the OS function is in operation, the lens may emit a chattering noise, but this is not a malfunction.

**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.5)

- When taking photograph using the built-in flash, it is advisable to remove the hood. The hood may reflect from 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.6)

**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**

<table>
<thead>
<tr>
<th>Lens Construction</th>
<th>13 – 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angle of View</td>
<td>69.3 – 7.1°</td>
</tr>
<tr>
<td>Minimum Aperture</td>
<td>22</td>
</tr>
<tr>
<td>Minimum Focusing Distance</td>
<td>0.45m (1.69 ft)</td>
</tr>
<tr>
<td>Magnification</td>
<td>1:3.9</td>
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<tr>
<td>Filter Size</td>
<td>77×105D</td>
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<tr>
<td>Please check [L] [H]</td>
<td>77×105C</td>
</tr>
<tr>
<td>Weight</td>
<td>610g (21.5 oz)</td>
</tr>
</tbody>
</table>

Dimensions and weight include the SIGMA mount.