



MINI-TELE 135^{mm} F/3.5

Instructions

Thank you for purchasing this Sigma lens.
Please read the following instructions carefully
so that you can obtain the maximum enjoyment
and performance from your new lens.

Sharp Picture Secrets

In order to take consistently sharp pictures, we recommend that you practice and use the following techniques:

- Firmly grip the camera body with your right hand, holding your right elbow firmly against your body. Pull the camera in close against your cheek and look into the viewfinder.
- Place the fingers of your left hand firmly on the focus control ring; set your right index finger lightly on the shutter button. To take a picture, push the shutter button firmly and smoothly.

Telephoto Lenses

Because Sigma telephoto lenses are compact and lightweight, you can take excellent photos under almost any conditions if you follow the steps practiced by any experienced photographer. However, when handholding a Sigma 135mm lens, we recommend that you use a fast shutter speed (1/125th sec.) to minimize vibrations and camera movement. When a slower shutter speed is used, best results will be obtained by using a tripod and cable release.

- Smog and haze are your worst enemies when taking telephoto pictures, unless you are looking for a special effect. You can get better results by taking telephoto pictures under clear weather conditions.
- When taking pictures over long distances, you should use filters to build and maintain contrast. Use yellow or orange filters for black and white films or UV and polarizing filters for color films.



Features

- One of the most compact and lightweight 135mm lenses ever made. Extremely useful for portraiture, scenery, sports, and candid photos.
- The lens is of a 5-group, 5-element optical design. Due to the new computerized optical design, all the image deteriorating aberrations have been reduced to a bare minimum. As a result, the lens produces extra sharp and crisp images over the entire negative at any lens opening or distance setting from infinity to the minimum focusing point. In addition, the glass surfaces are provided with Sigma Multi-Coating to prevent flare and ghost images.
- Focuses to a close 1.4 meters (4.6 feet) for a field size of only 20 centimeters vertically and 30 centimeters horizontally (7.9 x 11.8 inches).
- Specially rubberized focus and aperture control rings permit easy and responsive operation.

Operation

1. Attach the lens to the camera body.
2. Turn the aperture ring to the red center line on top of the lens to set the appropriate aperture in relation to the shutter speed selected.
3. Look into the viewfinder, turn the focus control ring until the image is sharp.

Depth-of-Field

When a lens is focused on a subject, some areas in front and behind the point of focus also appear acceptably sharp on the photograph. This area of acceptable sharpness is called the "depth-of-field". Depth-of-field can be visually checked through the viewfinder of many cameras by manually closing the lens diaphragm down to the selected F-number setting. Depth-of-field is determined by the combination of lens focal length, lens aperture, and subject distance. Sigma Mini-Tele 135mm F3.5 lens has a depth-of-field scale marked on the lens barrel. The depth-of-field scale will tell you exactly which areas will be acceptably in focus for each of the selected F-stop setting. Consequently, the lens can be prefocused by estimating the subject distance and using an F-stop to produce substantial depth-of-field. In fact, learning to control depth-of-field is one of the very basic and extremely useful lessons of photography.

NOTE: The depth-of-field scale marked on the lens does not apply when close-up attachments are used.

Lens Hood

Your Sigma Mini-Tele 135mm F3.5 has a built-on lens hood which can be instantly slid out or back in place. When sliding the lens hood in or out, it can be easily done by gently rotating the lens hood. It is always a good idea to keep the lens hood extended whenever taking photographs outdoors and even indoors.

Protect Your Lens

It is a good idea to use a UV filter to protect the front lens surface from dirt and damage. When storing the lens separately, be sure to attach both the front and rear lens caps and keep the lens cool and dry. Storing the lens in a humid place may cause problems in lens mechanism and glass surfaces.

Technical Specifications

Sigma Mini-Tele 135mm F3.5

- Lens Construction: 5 elements in 5 groups
- Angle of View: 18°
- Minimum Aperture: F22
- Minimum Focus Distance: 1.4m (4.6 ft.)
- Filter Size: 52mm
- Dimensions: 64mm wide x 65mm long (2.5" x 2.6")
- Weight: 280g (9.9 oz.)
- Lens Coating: Sigma Multi-Layer
- Lens Hood: Built-on, retractable

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