

Specifications:

Focal Length	: 400mm
Lens Speed	: f/5.6
Minimum Aperture	: f/22
Lens Construction	: 4 elements in 4 groups
Angle of View	: 6°
Minimum Focusing Distance	: 5.3m
Filter Size	: 72mm
Dimensions	: 82mm × 300mm (approx. 3-1/2" × 12")
Weight	: 860g
Lens Coating	: Multicoating
Lens Hood	: Built-on



How to use your

SIGMA

400mm f5.6 TELEPHOTO LENS

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Printed in Japan

INSTRUCTIONS



You have just become the owner of a fine photographic product bearing the Sigma trade mark. It is one of a large and growing family of products from Sigma Corporation. It is a seal of excellence. In photography, the Sigma mark is your assurance of advanced technology and reliable performance.

SIGMA is a series of multi-coated lenses featuring unsurpassed optical quality, exceptional speed, unusually compact size and unique features.

Your 400mm f5.6 lens is an unusually lightweight, multi-coated telephoto for fully automatic, meter-coupled operation. Special features include built-on lens hood, freely rotating tripod collar, and a unique internal focusing system. To get the best performance from this lens, please read the following instructions closely.

1. Although this lens is very lightweight, it is not advisable to handhold the lens at shutter speeds slower than 1/500th sec. At slower speeds, a tripod is recommended.
2. When using a tripod, mount the lens on the tripod using the threaded socket in the rotating tripod collar. To rotate from horizontal to vertical, loosen the knurled screw on the collar slightly, turn lens to proper angle, and tighten screw to hold the lens in position.
3. Meter coupling is automatic as the lens is inserted into the camera body. Some camera models require the maximum aperture value of the lens to be set in the meter mechanism. Refer to your camera's instructions for specific details of its particular meter functioning.
4. The effectiveness of different types of focusing screens varies with the focal length and speed of the lens. The rangefinder or microgrid prisms built into many groundglass screens do not work as well with longer focal length lenses as they do with standard or wide-angle lenses and may black out partially or fully. Under such circumstances, focusing is best done on the fine-focusing collar of the viewing screen. On some SLR cameras, long telephoto lenses tend to cause mirror cutoff in the upper corners or along the upper edge of the viewfinder. Such cutoff is caused by the size of the camera's mirror, which is adequate for shorter focal lengths only. The exposed slide or negative will be unaffected by this viewing deficiency.
5. You will note that the Sigma 400mm lens, when focusing is in progress, will not vary in length according to your focusing point as most lenses do. This is due to the unique internal focusing system, which focuses by moving the lens elements within the lens barrel.
6. This lens is multi-coated to minimize flare. However, it is advisable to extend the built-on lens hood. To extend, simply pull out on the lens hood until it stops.