

SAL-55300

Super-value Sony α (Alpha) SAL-55300 telephoto zoom. This compact, lightweight 55-300mm f4.5-5.6 Telephoto Zoom Lens covers the medium to long-distance telephoto range families use most often, with close 4-1/2 foot (1.4m) minimum focusing distance for all-around utility -- plus ED (Extra-low Dispersion) glass to virtually eliminate color distortion (35mm equivalent: 82.5-450mm).



Compact Design, All-Around Versatility

This high-value 55-300mm zoom lens covers a wide range of medium to long-distance telephoto applications -- and its lightweight design lets you leave it on-camera or carry it easily as an accessory lens for special purposes (35mm equivalent: 82.5-450mm).

DT Lens Design

The SAL-55300 is specially designed for the APS-size CCD imager used in Sony α (Alpha) DSLR cameras. APS-size sensors are smaller than a 35mm-format film frame, so the focal distance to cover the same field of view can be about 2/3 shorter -- allowing a more compact lens design.

Short Minimum Focusing Distance

With the ability to focus as closely as 4.5 feet (1.4m), this telephoto lens also lets you move in for dramatic shots of people, natural subjects and close-up details.

In-Camera Image Stabilization

A major reason for its compact, lightweight design is the benefit of Super SteadyShot® in-camera image stabilization, built into every Sony system DSLR -- and enabling accessory lenses to eliminate the extra weight and expense of in-lens stabilization mechanisms.

Multi-Element Design

The SAL-55300 is designed with 12 lens elements in 9 groups, with precision focusing performance and smooth zoom operation.

ED (Extra-low Dispersion) Glass

Because light of different wavelength (or color) bends at different angles when it passes through a lens, ED (Extra-low Dispersion) Glass is used to eliminate chromatic aberration by correcting certain wavelengths of light for sharp, clear images with well defined colors.

Advisory when using DT lenses with full-frame (35mm equivalent) DSLR cameras.

Sony α (alpha) lenses with the Digital Technology (DT) designation are ideal for use on APS-C size DSLR cameras and are not recommended for use with full frame DSLR camera bodies (such as the DSLR-A900). Although DT lenses can be used with full frame cameras, they can only realize a maximum of 11MP image size (when using the DSLR-A900), and are not guaranteed to provide accurate Auto Exposure performance.

Specifications

Optics/Lens	
Lens Type	Telephoto & Telephoto Zoom
Aperture (Max.)	f/4 - 5.6
Aperture (Min.)	f/22 - 29
Focal Length (35mm equivalent)	APS-C: 55-300mm (35mm Equivalent: 82.5-450 mm)
Filter Diameter	62 mm
Lens Groups-Elements	12 elements 9 groups including 1 ED glass element
Minimum Focus Distance	4' 6" (1.4 m)
Aperture Blade	7 blades (Circular aperture)
Aspheric Elements	No aspheric
Distance Encoder	Yes
Lens Weight	1 lb. 3 oz. (460g)
Magnification	x 0.27

Weights and Measurements

Dimensions (Approx.) 3 1/8 x 4 5/8" (77 x 116.5 mm)

Weight (Approx.) 1 lb. 3 oz. (460g)

Accessories

Supplied Accessories Front and rear lens cap
ALC-SH112 solid-circular lens hood, bayonet-type

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