



SEL70200G2

FE 70-200mm F4 Macro G OSS II Full-frame compact telephoto zoom

Sony's advanced lens technology comes together in a compact, lightweight 70-200 mm F4 telephoto zoom G Lens™ that delivers exceptional optical and AF performance as well as unique half-macro (0.5x magnification) versatility throughout the zoom range. Impressive handling and mobility make it an excellent choice for a wide range of photo and movie applications.



Bullets

- Spectacular G Lens rendering and corner to corner resolution
- Eye-opening close-up performance with half macro (0.5x) at all focal lengths
- Fast, precise, quiet autofocus and tracking matches high-speed cameras
- Optimized for refined movie performance and imagery
- Top-class performance with teleconverters – for extended reach and macro
- Compact, lightweight, mobile, reliable, and easy to use
- Versatile high performance 70-200 mm telephoto/macro zoom
- Outstanding image quality at all focal lengths
- Superb sharpness, clarity, color and bokeh in one lens
- Convenient, direct creative control of lens functions
- Linear Response MF for precise, repeatable manual focus control
- Front fluorine coating repels fingerprints, dust, water and oil
- Dust and moisture resistant³ design for reliability in challenging conditions
- Petal shaped, bayonet mount lens hood ALC-SH176 supplied

Features

Spectacular G Lens rendering and corner to corner resolution

Excellent corner-to-corner resolution and contrast throughout the zoom range are achieved by combining AA (advanced aspherical) and aspherical lens elements. Three ED (Extra-low Dispersion) elements and one Super ED element suppress chromatic aberration and color bleeding for revealing sharpness. Exquisite full-frame bokeh is enhanced by a circular 9-blade aperture mechanism and optimized spherical aberration.

Eye-opening close-up performance with half macro (0.5x) at all focal lengths

This is the world's first² zoom lens in its class to offer half-macro capability¹ throughout the zoom range. Minimum focusing distance is 10-1/4 in. (0.26 m) at the wide end and 16-1/2 in. (0.42 m) at the telephoto end of the zoom range, with a maximum magnification of 0.5x throughout. New levels of zoom close-up capability offer unprecedented versatility and freedom for shooting stills as well as movies.

Fast, precise, quiet autofocus and tracking matches high-speed cameras

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Four of Sony's original high-thrust XD linear motors work in conjunction with precision floating focus groups to achieve extremely fast, accurate focus drive. Thrust efficiency has been dramatically improved, resulting in up to approximately a 20% increase in autofocus speed³ throughout the entire zoom range when shooting stills. The speed potential of high-performance α series cameras is fully realized. Focus tracking continues uninterrupted even while zooming, ensuring that important moments of the action won't be lost.

Optimized for refined movie performance and imagery

Linear Response MF ensures that manual focus responds directly and linearly to subtle control. The breathing compensation function provided in compatible α series cameras is fully supported⁴, reducing unwanted image shifts while focusing. Built-in optical image stabilization can work in conjunction with the in-body stabilization in compatible α series cameras to provide extremely smooth, stable handheld footage.

Top-class performance with teleconverters – for extended reach and macro

The FE 70-200mm F4 Macro G OSS II is fully compatible with Sony's 1.4x and 2.0x teleconverters. In addition to increasing maximum focal length, the 2.0x teleconverter make it possible to shoot life-size 1:1 macro at all focal lengths for new creative potential. Attached with the 1.4x teleconverter, it can shoot max. 0.7x macro at all focal lengths. And because the working distance does not change with the teleconverter attached, you can move in close to the subject to capture truly impressive images.

Compact, lightweight, mobile, reliable, and easy to use

This innovative lens offers a rare blend of performance and compact mobility. It is 3/4 in. (82.2 mm) in diameter by 5-7/8 in. (149 mm) in length at the wide end of the zoom range and weighs just 28.1 oz. (794 g). An extending lens design was chosen to maximize portability, and a zoom lock switch is provided to prevent unwanted lens extension during transportation.

Versatile high performance 70-200 mm telephoto/macro zoom

An extremely useful telephoto zoom range of 70-200mm makes it easy to capture a range of distant subjects with outstanding clarity and contrast. The FE 70-200mm F4 Macro G OSS II is a great choice for movies as well as stills. Its constant F4 maximum aperture keeps exposure constant during zooms while recording movie footage.

Outstanding image quality at all focal lengths

Precision AA (advanced aspherical) and aspherical lens elements, three ED glass elements, and Super ED glass work together in an advanced optical design to deliver excellent corner-to-corner resolution and contrast throughout the 70-200mm telephoto zoom range. Image quality is uniformly superb at all focal lengths.

Superb sharpness, clarity, color and bokeh in one lens

State-of-the-art optics deliver stunning sharpness, clarity, color, and contrast, while exquisitely smooth full-frame bokeh is enhanced by a circular 9-blade aperture mechanism and carefully optimized spherical aberration. An ideally coordinated blend of resolution and bokeh contributes to deep, dimensional images.

Convenient, direct creative control of lens functions

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In addition to 2-position AF/MF and OSS ON/OFF switches, 3-position switches are provided for focus range limit and image stabilization mode selection. A separate switch turns Full Time DMF OFF or ON so that manual focus can be instantly engaged by simply rotating the focus ring when shooting in the AF-C mode.

Linear Response MF for precise, repeatable manual focus control

Linear Response MF ensures that the focus ring responds directly and linearly to subtle control when focusing manually. Focus ring rotation translates directly to a corresponding change in focus, so control feels immediate and precise enough for rack focus effects when shooting movies. This feature also works effectively with the AF Assist function in the latest alpha cameras, giving creators enhanced artistic control.

Front fluorine coating repels fingerprints, dust, water and oil

The front lens element features a fluorine coating that repels water, oil, and other contaminants, while making it easier to wipe off any contaminants or fingerprints that do become attached to the lens surface.

Dust and moisture resistant⁵ design for reliability in challenging conditions

An updated dust and moisture resistant design⁵ provides extra reliability for outdoor use in challenging conditions. Silicon seals around buttons and switches and a rubber gasket around the lens mount greatly reduce the likelihood of dust and moisture incursion.

Petal shaped, bayonet mount lens hood ALC-SH176 supplied

Round-shaped, bayonet mount lens hood ALC-SH176 is supplied, and also available separately as an optional accessory.

Specification

Lens Specifications	
MOUNT	Sony E-mount
FORMAT	35mm full frame
FOCAL-LENGTH (MM)	70-200
35MM EQUIVALENT FOCAL-LENGTH (APS-C)	105-300
LENS GROUPS / ELEMENTS	13-19
ANGLE OF VIEW (35MM)	34° - 12° 30'
ANGLE OF VIEW (APS-C)	23° - 8° ¹
MAXIMUM APERTURE (F)	4.0
MINIMUM APERTURE (F)	22
APERTURE BLADES	9

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CIRCULAR APERTURE	Yes
MINIMUM FOCUS DISTANCE	0.26-0.42 m (0.86-1.38 ft)
MAXIMUM MAGNIFICATION RATIO (X)	0.5
FILTER DIAMETER (MM)	72
IMAGE STABILIZATION (STEADYSHOT)	Optical SteadyShot
ZOOM SYSTEM	Manual
TELECONVERTER COMPATIBILITY (X1.4)	SEL14TC
TELECONVERTER COMPATIBILITY (X2.0)	SEL20TC
HOOD TYPE	Petal shape, bayonet type
Size & Weight	
DIMENSIONS (D X L)	82.2 x 149.0 mm (3-1/4 x 5-7/8 in.)
WEIGHT	794 g(28.1 oz.)
What's in the Box	
Supplied Accessories	Hood (model) ALC-SH176, Lens front cap ALC-F72S, Lens rear cap ALC-R1EM, Tripod mount

1. When using a 35mm Full-frame sensor camera. In the case of using an APS-C sensor camera, 0.75x equivalent magnification throughout the zoom range in the 35mm format.
2. As of the July 2023 product announcement. Sony survey.
3. Compared to SEL70200G, Sony tests
4. Compatibility info at: <https://www.sony.net/dics/breathing/>. Available in movie mode only. Angle of view and image quality may change slightly when this function is used. Compensation may not be able to cover all situations.
5. Not guaranteed to be 100% dust and moisture proof.
6. Features and specifications are subject to change without prior notice.

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