

EXCLUSIVELY FOR MIRRORLESS CAMERAS | COMPATIBLE WITH FULL-FRAME CAMERAS

November 2023

S Sports

70-200mm F2.8 DG DN OS

Performance, portability and reliability at its highest level.

1. Keep up with the action with fast and accurate AF
2. Compact body with robust build-quality
3. Professional feature-set

UK SRP: £1499.99

Embargo date: 12:00pm, 16 November 2023

On-sale date: 7 December 2023



Supplied accessories: Case, LENS HOOD LH860-01, TRIPOD SOCKET TS-151, FRONT CAP LCF-77mm III, REAR CAP LCR II

Available mounts: L-Mount, Sony E-mount

- The appearance and specifications of the products are subject to change.
- Sony E-mount lenses are developed, manufactured and sold in accordance with the E-mount specifications licensed under a license agreement with Sony Corporation.
- L-Mount is a registered trademark of Leica Camera AG.

#SIGMA #SIGMA70200mmSports #SIGMASports #SIGMADGDN



SIGMA 70-200mm F2.8 DG DN OS | Sports

Shoot sports, wildlife, weddings and live events in stunning detail with the new SIGMA 70-200mm F2.8 DG DN OS Sports, designed exclusively for full-frame mirrorless cameras. Dual HLA (High-response Linear Actuator) motors deliver rapid, accurate and silent focusing that can handle even the most challenging of fast-action subjects. The built-in Optical Stabilizer function with OS2 algorithm provides up to 7.5 stops* of effective stabilisation, allowing for shake-free hand-held images in low-light environments. As well as being optically outstanding at all focal lengths and apertures, the lens includes a range of professional features, including a de-clickable aperture ring, a built-in Arca Swiss foot, a Focus Limiter and weather-sealing for superior protection in tough conditions. This complete feature-set, compact size and superb optical performance make the SIGMA 70-200mm F2.8 DG DN OS Sports for L-Mount and Sony E-mount systems the definitive fast-aperture zoom for both enthusiasts and professionals.

*Based on CIPA guidelines (Measured at 70mm and 200mm with a 35mm full-frame image sensor)

Key features

Keep up with the action with fast and accurate AF

The SIGMA 70-200mm F2.8 DG DN OS Sports has been developed with both photography enthusiasts and professionals in mind. By utilising a combination of two dual HLA (High-response Linear Actuator) motors and Sigma's OS2 optical stabilisation algorithm, the lens is able to deliver fast, accurate and near-silent autofocus even for the most challenging fast-action subjects.

Professional performance throughout the entire zoom range.

Designed using ultra-high-performance low-dispersion glass, which includes six FLD and two SLD elements, the SIGMA 70-200mm F2.8 DG DN OS | Sports delivers outstanding image quality throughout the entire zoom range, even wide open at F2.8. Three aspherical glass elements further improve optical performance by reducing spherical aberration. Distortion and vignetting are extremely minimal and chromatic aberration is very well controlled even in high contrast areas.

Effortlessly keep up with the action

The SIGMA 70-200mm F2.8 DG DN OS Sports features a unique floating focus system. Two focusing groups, each using an HLA motor, move in opposite directions when focusing. This reduces internal movements by half, providing fast, accurate and near-silent AF when shooting fast-paced subjects such as sports, wildlife and aviation, or fleeting moments at weddings and events.

Shooting handheld in low light situations has never been easier, thanks to the use of the exclusive OS2 optical stabilisation algorithm, which provides an incredible 7.5-stop advantage at 70mm and a 5.5 stop-advantage at 200mm*. The lens also features two OS modes. Mode 1 can be used for all types of photography. Mode 2 employs SIGMA's Intelligent OS algorithm for smoother panning shots. Regardless of the lens's orientation, the stabilisation is effective for both vertical and diagonal movement and doesn't interfere with the panning motion.



*Based on CIPA guidelines (Measured at 70mm and 200mm with a 35mm full-frame image sensor)

Designed to minimise focus breathing, flare and ghosting

The lens has been designed to suppress focus breathing, meaning that the change in angle-of-view when focusing is minimised. This ensures a natural-looking focus shift when recording video. Highly backlit shooting environments are no trouble thanks to the use of advanced technology simulations and high-quality glass elements that keep flare and ghosting to a minimum.



Weather resistant design - SIGMA 70-200mm F2.8 DG DN OS | Sports and SIGMA fp L Full-Frame Mirrorless Camera

Compact and robust build-quality

Shoot in challenging weather conditions thanks to the lens's weather-resistant design, which utilises rubber seals to keep out dust and moisture. The lens' streamlined optical and mechanical design uses high-quality materials specially designed to resist changes in temperature and improve durability.

Lightweight and durable construction

By using a streamlined internal design, the lens is significantly smaller and lighter than the existing SIGMA 70-200mm F2.8 DG OS HSM Sports for DSLRs. The lens and hood are constructed using a multi-material structure consisting of CFRP (carbon fibre reinforced plastic) and TSC (Thermally Stable Composite) materials, resulting in a total weight of only 1,345g*. CFRP is a strong, lightweight material providing additional strength and resistance to damage, especially useful for heavy professional use. TSC has a thermal expansion rate similar to aluminium, ensuring consistent lens performance even whether shooting in the freezing temperatures of the Arctic to hot Saharan deserts. *L-Mount specification

Internal zoom mechanism

With the implementation of an internal zoom mechanism, the lens is can be used on a on a gimble as weight shift during zooming is minimal.

Weather resistant design

Designed using ultra-high-performance low-dispersion glass, which includes six FLD and two SLD elements, the SIGMA 70-200mm F2.8 DG DN OS | Sports delivers outstanding image quality throughout the entire zoom range, even wide open at F2.8. Three aspherical glass elements further improve optical performance by reducing spherical aberration. Distortion and vignetting are extremely minimal and chromatic aberration is very well controlled even in high contrast areas.

*The structure is designed to be dust and splash resistant, but not waterproof. Be careful not to bring the lens in contact with a large amount of water. Water inside the lens may cause major damage and even render the lens unrepairable.

Professional feature set

Customise the lens to your own shooting style by using the varied professional features found on the lens.

Tactile aperture ring

Take control of the depth-of-field using the built-in aperture control ring, the first to be featured on a SIGMA Sports lens. Set the ring to F2.8 to create beautiful separation between the subject and background with pleasing bokeh. The ring can be de-clicked, which is useful for film-makers, and locked so that it cannot accidentally



Aperture Ring



TS-151 Tripod Scket

Newly developed tripod socket

A reworked Arca-Swiss compatible magnesium alloy tripod socket is included to keep the lens compact and lightweight. The tripod socket features a standard 1/4" screw and can be detached when required.

Create your own custom set-up with customisable functions

The lens is equipped with a Focus Limiter switch that limits the focus driving range. This is especially helpful where subjects are a constant distance away and when shooting through dense environments. The three AFL buttons* found around the lens barrel can be set to a preferred camera function for easier handling. L-Mount users can customise the lens further by using a SIGMA UD-11 USB Dock to change how the OS operation works or fine-tune the Focus Limiter range.

* Only on compatible cameras. Available functions may vary depending on the camera used.

Compatible with Teleconverters for L-Mount (1.4x / 2.0x)

The L-Mount version of the lens is compatible with the SIGMA TELE CONVERTER TC-1411 (1.4x) and TC-2011 (2.0x) for AF-enabled shooting at ultra-telephoto focal lengths of up to 400mm.



SIGMA 70-200mm F2.8 DG DN OS | Sports with TC-2011 Teleconverter (L-Mount)

Cover-type lens hood included

A strong, lightweight lens hood constructed using CFRP is included with the lens. Its rubberised tip protects the lens from scratches when resting it face down.



LH860-01 Lens Hood

Feature summary

- Lens construction: 20 elements in 15 groups (6 FLD, 2 SLD, 3 aspherical elements)
- OS (Optical Stabilizer) function with the latest “OS2” algorithm
- Inner zoom
- Inner focus system
- Compatible with high-speed autofocus
- HLA (High-response Linear Actuator)
- Compatible with Lens Aberration Correction

* Function available on supported cameras only. Available corrections or auto correction functionality may vary depending on the camera model.

* On cameras where lens aberration correction is controlled with ‘ON’ or ‘OFF’ in the camera menu, set all aberration correction functions to ‘ON’ (AUTO).

- Supports DMF and AF+MF
- Compatible with AF assist (Sony E-mount only)
- Nano Porous Coating
- Super Multi-Layer Coating
- Water and Oil Repellent Coating (front element)
- Aperture ring
- Aperture ring click switch
- Aperture ring lock switch
- AFL button (3 buttons)

* Only on compatible cameras. Available functions may vary depending on the camera used.

- Focus Limiter switch
- Focus Mode switch
- Support for switching between linear focus / non-linear focus ring settings (for L-Mount only)

*Function available on supported cameras only.

- OS switch
- Custom Mode switch
- Dust and Splash Resistant Structure
- LENS HOOD LH860-01
- TRIPOD SOCKET TS-151 *Detachable lens foot type
- Compatible with SIGMA TELE CONVERTER TC-1411 / TC-2011 (sold separately / for L-Mount only)
- Compatible with SIGMA USB DOCK UD-11 (sold separately / for L-Mount only)
- Designed to minimize flare and ghosting
- Every single lens undergoes SIGMA’s proprietary MTF measuring system
- 11-blade rounded diaphragm
- High-precision, durable brass bayonet mount
- Mount Conversion Service available
- “Made in Aizu, Japan” craftsmanship

Key specifications (The figures below are for L-Mount)

Lens construction: 20 elements in 15 groups (6 FLD, 2 SLD, 3 aspherical elements)

Angle-of-view: 34.3° -12.3°

Number of diaphragm blades: 11 (rounded diaphragm)

Minimum aperture: F22

Minimum focusing distance: 65cm (W) - 100cm (T)

Maximum magnification ratio: 1:5.2 (at 200mm)

Filter size: 77mm

Dimensions (max diameter x length): 90.6mm x 205.0mm

Weight: 1345g

Barcode

L-Mount: 0085126 591694 | Sony E-mount: 0085126 591656

Supplied accessories

Petal Type Hood (LH860-01):		0085126 941116
Front Cap LCF-77 III:		0085126 930011
Rear Cap LCR II	L-Mount	0085126 937256
	Sony E-mount	0085126 929879



SIGMA WR CERAMIC PROTECTOR 77mm

Optional accessories

SIGMA USB DOCK UD-11 for L-Mount:	0085126 878696
SIGMA PROTECTOR 77mm:	0085126 931094
SIGMA WR PROTECTOR 77mm:	0085126 930967
SIGMA WR UV FILTER 77mm:	0085126 930707
SIGMA WR CERAMIC PROTECTOR 67mm:	0085126 931827
SIGMA WR CIRCULAR PL FILTER 67mm:	0085126 930837
SIGMA TELE CONVERTER TC-1411 for L-Mount:	0085126 825690
SIGMA TELE CONVERTER TC-2011 for L-Mount:	0085126 826697



SIGMA USB DOCK UD-11 for L-Mount

Further information

SIGMA UK | [sigmauk.com](https://www.sigmauk.com)

Product information | https://www.sigma-global.com/en/lenses/s023_70_200_28/

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