

SEL2470GM

FE 24-70mm F2.8 GM

The standard zoom redefined



Constant F2.8 24-70mm zoom with an unprecedented union of high resolution and creamy bokeh.

- E-mount Full Frame format
- G Master Standard zoom
- Unprecedented resolution and detail

Technical Summary

Icon Description

- Premium G Master Series Mid-range telephoto prime
- Sony Nano AR Coating to eliminate flare and ghosting
- Circular 9-blade aperture for beautiful defocus effects
- Direct Drive SSM for quiet, highly precise focus lens control
- Dust and moisture resistant design

Key Technical Specification

- **Minimum Focus Distance**
0.38 m
- **Maximum Magnification ratio**
0.24 x
- **Filter Diameter**
82 mm
- **Weight**
886 g

What's in the box?

- Hood (ALC-SH141)
- Lens front cap (ALC-F82S)
- Lens rear cap (ALC-R1EM)
- Case

Specifications

Lens Specifications

Mount	Sony E-mount
Format	35mm full frame
Focal-Length	24-70 mm
35mm equivalent focal-length (APS-C)	36-105 mm
Lens Groups / Elements	13 / 18
Angle of View (35mm)	84°-34°
Angle of View (APS-C)	61°-23°
Maximum aperture (F)	2.8
Minimum Aperture (F)	22
Aperture Blades	9
Circular Aperture	Yes
Minimum Focus Distance	0.38 m
Maximum Magnification ratio	0.24 x
Filter Diameter	82 mm

Size & Weight

Dimensions (W x H x D)	87.6 x 136 mm
Weight	886 g

Features

A new era of standard zoom performance

No-compromise design and technology result in a constant F2.8 zoom lens that can fully utilize the potential of current and future high-resolution camera bodies. This peerless standard zoom covers a 24mm to 70mm focal length range, and is an ideal choice when ultimate image quality is required for portraits, scenery, snapshots, and more.

Natural rendering and color

One ED (Extra-low-Dispersion) and one Super ED glass element in an optical path that has been designed to the highest standards help to achieve lifelike, natural imagery without unnatural colouration by keeping axial and lateral chromatic aberration in check while maximizing subjective resolution for breathtaking texture and detail.

Precise focus at blazing speed

In addition to positioning large-aperture lenses with extremely high precision for spot-on focusing, the Direct Drive SSM (DDSSM) system minimizes spurious motion while an advanced control system and refined algorithms enhance AF operation speed. DDSSM is also smooth and quiet, making it advantageous for movies as well as stills.

Outstanding clarity and contrast

Sony's original Nano AR Coating suppresses spurious reflections that can cause flare and ghosting, particularly in backlit situations. The result is consistently high contrast and clarity with deep blacks in the widest possible range of photographic situations. (1. Nano AR Coating / 2. Glass / 3. Transmitted light)

Zoom lock improves portability

Zoom lenses can sometimes extend under their own weight during transportation, and that can be a nuisance while increasing the chance of accidental damage. A zoom lock switch provides a simple, sure way to lock the zoom mechanism for safe, convenient transportation.

High reliability in harsh conditions

Careful dust and moisture sealing measures have been implemented to ensure maximum protection and reliability in challenging environments. Shoot with confidence in light rain or windy conditions.

Extraordinary resolution and bokeh

A newly developed XA (extreme aspherical) lens element with superlative surface precision not only contributes to stunning corner-to-corner resolution and detail throughout the zoom range, but also plays a vital role in achieving smooth, soft bokeh that can be a powerful expressive tool in a wide range of photographic situations.

Bright, fast F2.8 at any focal length

A constant F2.8 maximum aperture makes it easy to keep exposure settings constant throughout the zoom range to maintain low-light capability or action-stopping shutter speeds. Consistently spectacular image quality is ensured at any aperture or focal length.

9-blade aperture enhances bokeh beauty

The remarkable beauty of this lens's bokeh is further enhanced by a 9-blade circular aperture design that contributes not only to smoothness, but to natural highlights as well.

Versatile fingertip focus control

The ability to respond quickly to rapidly changing shooting situations can mean the difference between getting the shot or not. A manual/auto focus mode switch and focus hold button are positioned for easy access, providing versatile, professional control for a wide range of subjects and environments.

Hood lock and release

A hood lock mechanism prevents accidental hood detachment when moving from location to location, while a hood release button makes it easy to remove and replace the hood whenever necessary.

Optional Accessories

VF-82MPAM

Protect your lens

VF-82CPAM

Reduce glare and

ALC-F82S

Protect your lens

ALC-R1EM

Protect your

ILCE-7R

Raw detail and

ILCE-7S

35mm full-frame

ILCE-7

Full-frame

from dirt, dust and fingerprints	surface reflections in your photos	from dust and dirt	camera's rear glass	full-frame resolution in a palm-sized camera	shooting with 4K video and phenomenal sensitivity	photography, palm-sized camera
ILCE-6000 World's fastest autofocus.	ILCE-6000 World's fastest autofocus.	ILCE-6300L	ILCE-6300	ILCE-5000L Powerful performance, compact design	ILCE-5000L Powerful performance, compact design	ILCE-5000Y Powerful performance, compact design