

FUJIFILM

BL01874-100

FUJINON LENS

XC16-50mmF3.5-5.6 OIS

XC50-230mmF4.5-6.7 OIS

OWNER'S MANUAL

日本語

ENGLISH

FRANÇAIS

DEUTSCH

ESPAÑOL

NEDERLANDS

SVENSKA

NORSK

SUOMI

РУССКИЙ

ITALIANO

DANSK

POLSKI

中文簡

中文繁體

한글

عربي

For Your Safety

Be sure to read these notes
before use



Safety Notes

Thank you for your purchase of this product. For repair, inspection, and internal testing, contact your FUJIFILM dealer.




- Make sure that you use the lens correctly. Read these safety notes and the camera *Owner's Manual* carefully before use.
- After reading these safety notes, store them in a safe place.





About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

	WARNING	This icon indicates that death or serious injury can result if the information is ignored.
	CAUTION	This icon indicates that personal injury or material damage can result if the information is ignored.

The icons shown below are used to indicate the nature of the instructions which are to be observed.

	Triangular icons tell you that this information requires attention ("Important").
	Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").
	Filled circles with an exclamation mark indicate an action that must be performed ("Required").

	WARNING
 <i>Do not use in the bathroom or shower</i>	<u>Do not immerse in or expose to water.</u> Failure to observe this precaution can cause a fire or electric shock.
 <i>Do not disassemble</i>	<u>Do not disassemble (do not open the case).</u> Failure to observe this precaution can cause fire, electric shock, or injury due to product malfunction.
 <i>Do not touch internal parts</i>	<u>Should the case break open as the result of a fall or other accident, do not touch the exposed parts.</u> Failure to observe this precaution could result in electric shock or injury from touching the damaged parts. Remove the camera battery immediately, taking care to avoid injury or electric shock, and take the product to the point of purchase for consultation.

 **WARNING**



Do not place on unstable surfaces. The product may fall, causing injury.



Do not view the sun through the lens or camera viewfinders. Failure to observe this precaution can cause permanent visual impairment.

 **CAUTION**



Do not use or store in locations that are exposed to steam, or smoke or are very humid or extremely dusty. Failure to observe this precaution can cause fire or electric shock.



Do not leave in direct sunlight or in locations subject to very high temperatures, such as in a closed vehicle on a sunny day. Failure to observe this precaution can cause fire.

 **CAUTION**



Keep out of the reach of small children. This product could cause injury in the hands of a child.



Do not handle with wet hands. Failure to observe this precaution can cause electric shock.



Keep the sun out of the frame when shooting backlit subjects.

Sunlight focused into the camera when the sun is in or close to the frame can cause fire or burns.



When the product is not in use, replace the lens caps and store out of direct sunlight. Sunlight focused by the lens can cause fire or burns.



Do not carry the camera or lens while they are attached to a tripod. The product can fall or strike other objects, causing injury.

For Customers in the U. S. A.

**Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE**

FCC Statement: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.



- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant: To comply with Part 15 of the FCC Rules, this product must be used with a Fujifilm-specified ferrite-core A/V cable, USB cable, and DC supply cord.

For Customers in Canada

CAUTION: This Class B digital apparatus complies with Canadian ICES-003.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water (excluding waterproof products).
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus

(including amplifiers) that produce heat.

- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Disposal of Electrical and Electronic Equipment in Private Households

In the European Union, Norway, Iceland and Liechtenstein: This symbol on the product, or in the manual and in the warranty, and/or on its packaging indicates that this product shall not be treated as household waste. Instead it should be taken to an applicable collection point for the recycling of electrical and electronic equipment.



By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The recycling of materials will help to conserve natural resources. For more detailed information about recycling this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

In Countries Outside the European Union, Norway, Iceland and Liechtenstein: If you wish to discard this product, including the batteries or accumulators, please contact your local authorities and ask for the correct way of disposal.

Australian C-Tick



Before Using This Product

Some lens features are not available with older versions of the camera firmware. Be sure to update the camera firmware to the latest version. Instructions on viewing the camera firmware version and updating camera firmware are available from the following website:

http://www.fujifilm.com/support/digital_cameras/software/#firmware

If you do not have access to a computer, support is available from the local distributor listed in the "FUJIFILM Worldwide Network" material provided with your camera.

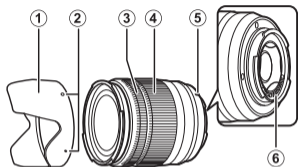
Product Care

- When using a lens hood, do not pick up or hold the camera using only the hood.
- Keep the lens signal contacts clean.

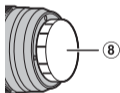
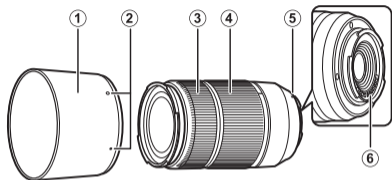
- Use a blower to remove dust and lint from the lens surfaces. To remove smudges and fingerprints, apply a small amount of ethanol or lens cleaner to a soft, clean cotton cloth or lens-cleaning tissue and clean from the center outwards using a circular motion, taking care not to leave smears or touch the glass with your fingers.
- Never use organic solvents such as paint thinner or benzene to clean the lens.
- Attach the front and rear caps when the lens is not in use.
- If the lens will not be used for an extended period, store it in a cool, dry location to prevent mold and rust. Do not store in direct sunlight or with naphtha or camphor moth balls.
- Keep the lens dry. Rusting of the internal mechanism can cause irreparable damage.
- Leaving the lens in extremely hot locations could cause damage or warping.

Parts of the Lens

XC16-50mmF3.5-5.6 OIS



XC50-230mmF4.5-6.7 OIS



- ① Lens hood
- ② Mounting marks
- ③ Focus ring
- ④ Zoom ring

- ⑤ Mounting marks (focal length)
- ⑥ Lens signal contacts
- ⑦ Front lens cap
- ⑧ Rear lens cap

Supplied Accessories

- Front lens cap
- Rear lens cap

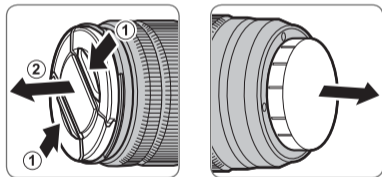
- Lens hood

Attaching the Lens

See the camera manual for information on attaching and removing lenses. Note that this product is not compatible with X mount film cameras.

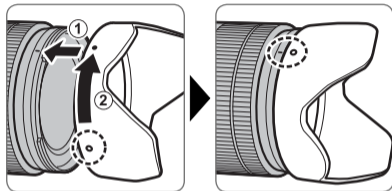
Removing the Caps

Remove the caps as shown.



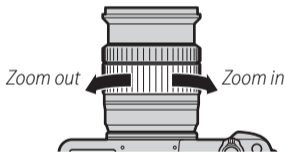
Attaching the Hood

When attached, lens hoods reduce glare and protect the front lens element.



Zoom

Rotate the zoom ring left to zoom out, reducing magnification and increasing the area visible in the frame. Rotate the ring right to zoom in, increasing magnification so that the subject occupies more of the frame.



Optical Image Stabilization (OIS)

Optical image stabilization is available using the **IS MODE** option in the camera shooting menu.

Aperture

See the camera manual.

- ◆ Users of the X-Pro1 and X-E1 should also read the document available online at the following URL:

http://www.fujifilm.com/support/digital_cameras/manuals/pdf/index/lens/before_using_this_product_manual_01.pdf

Specifications

Type	XC16-50mmF3.5-5.6 OIS	XC50-230mmF4.5-6.7 OIS
Lens construction	12 elements in 10 groups (includes 3 aspherical and 1 extra low dispersion elements)	13 elements in 10 groups (includes 1 aspherical and 1 extra low dispersion elements)
Focal length (35 mm format equivalent)	f=16–50 mm (24–76 mm)	f=50–230 mm (76–350 mm)
Angle of view	83.2°–31.7°	31.7°–7.1°
Max. aperture	f/3.5–5.6	f/4.5–6.7
Min. aperture	f/22	f/22
Aperture control		
Number of blades	7 (rounded diaphragm opening)	7 (rounded diaphragm opening)
Stop size	1/3 EV (17 stops)	1/3 EV (15 stops)
Focus range	Normal: 0.6 m–infinity (zoom range) Macro: 30 cm–10 m (W); 40 cm–10 m (T)	Normal: 1.1 m–infinity (zoom range) Macro: 1.1 m–3 m
Max. magnification	T: 0.15×	T: 0.2×
External dimensions: Diameter × Length* (approx.) * distance from camera lens mount flange	W: ø62.6 × 65.2 mm T: ø62.6 × 98.3 mm	W: ø69.5 × 111 mm T: ø69.5 × 177 mm
Weight* (approx.) * excluding caps and hoods	195 g	375 g
Filter size	ø58 mm	ø58 mm

① Improvements may result in unannounced changes to specifications and appearance.

① Owing to how this lens is constructed, the “Distance indicator” displayed by the camera may in some cases differ from the actual focus distance. Use the “Distance indicator” as a guide only.

富士フイルム株式会社

〒107-0052 東京都港区赤坂9丁目7番3号

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO
107-0052, JAPAN