SONY

5045568110

Interchangeable Lens Digital Camera

FX30

E-mount

Startup Guide

α

ILME-FX30

We use environmentally conscious packaging materials

Environmentally conscious packaging materials were used for the camera and supplied accessories.
Note the following due to the characteristics of the packaging materials.
• Powder, etc. from the packaging materials may adhere to the camera or supplied accessories. In this case, remove it with a commercially available blower or cleaning paper before use.
• The packaging materials will deteriorate with continuous use. Be careful when carrying the product by the packaging.

About the manual for this camera

"Help Guide" (Web manual)
https://rd1.sony.net/help/ilc/2220/h_zz/

| ILME-FX30　　Help Guide | 🔍 |

This guide describes the necessary preparations to start using the product, basic operations, etc. For details, refer to the "Help Guide" (web manual).

Preparations

Checking the supplied items

The number in parentheses indicates the number of pieces.

• Camera (1)
• AC Adaptor (1)
  The type of the AC Adaptor may differ depending on the country/region.
• Power cord (mains lead) (1)*
  (supplied in some countries/regions)
  * Multiple power cords may be supplied with this equipment. Use the appropriate one that matches your country/region. See "Notes on use."
• Rechargeable battery pack NP-FZ100 (1)

• USB Type-C® cable (1)
• XLR handle unit (1) (ILME-FX30 only)
• Body cap (1) (attached to the camera)
• Shoe cap (1) (attached to the camera)
• Handle shoe cap (1) (attached to the handle) (ILME-FX30 only)
• Startup Guide (this manual) (1)
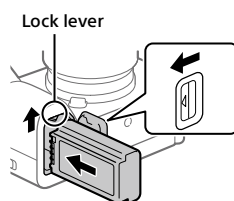• Reference Guide (1)

Charging the battery pack

1 Insert the battery pack into the camera.
  • Open the battery cover, and then insert the battery pack while pressing the lock lever.

Lock lever

2 Turn the power off.
  • If the camera is turned on, the battery pack will not be charged.

3 Connect the camera with the battery pack inserted to the AC Adaptor (supplied) using the USB cable (supplied), and connect the AC Adaptor to the wall outlet (wall socket).
  • The charge lamp will light up when charging starts. When the charge lamp turns off, charging is completed.

Charge lamp
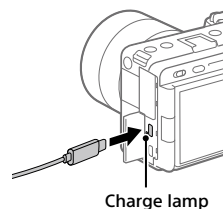
Inserting a memory card into the camera

You can use CFexpress Type A memory cards and SD memory cards with this camera.

Slot 1　Slot 2
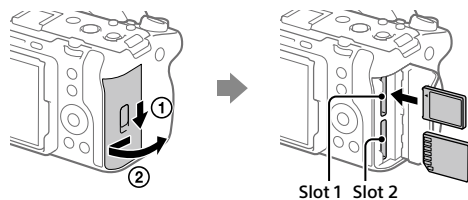
Open the memory card cover and insert the memory card into Slot 1.
• Both Slot 1 and Slot 2 support CFexpress Type A memory cards and SD memory cards.
• Insert a CFexpress Type A memory card with the label facing the monitor, and an SD memory card with the terminal facing the monitor. Insert the card until it clicks into place.
• You can change which memory card slot to use by selecting MENU → ▶️ (Shooting) → [Media] → [🔧 Rec. Media Settings] → [📷 Recording Media] or [▶️ Recording Media]. The Slot 1 is used in the default settings.

Hint
• When you use a memory card with the camera for the first time, it is recommended that you format the card on the camera for more stable performance of the memory card.

Attaching a lens
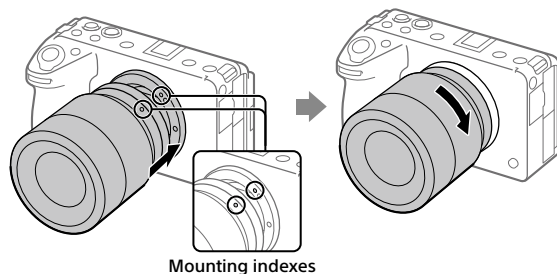
Mounting indexes

1 Remove the body cap from the camera and the rear lens cap from the rear of the lens.

2 Mount the lens by aligning the two white index marks (mounting indexes) on the lens and camera.

3 While pushing the lens lightly toward the camera, turn the lens slowly in the direction of the arrow until it clicks into the locked position.

Attaching the XLR handle unit (supplied) (ILME-FX30 only)

By attaching the XLR handle unit, up to four audio devices can be connected to the camera simultaneously.

1 Remove the shoe cap from the camera and the handle shoe cap from the XLR handle unit.

2 Slide the XLR handle unit into the Multi Interface Shoe until it reaches the back of the shoe. Then, be sure to securely tighten the screws on either side using a coin, etc.

Screw　　Screw
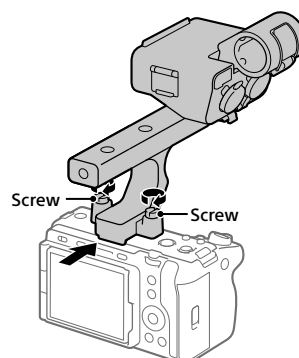
Turning the power on and setting the language and area

Power switch

Control wheel

Select items : ▲/▼/◄/►/🔄
Confirm : Center button
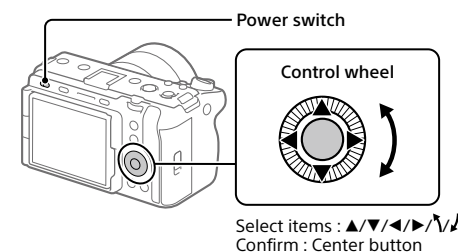
1 Set the power switch to "I" (On) to turn on the camera.

2 Press the top/bottom/left/right side of the control wheel to select the desired language and the area where the camera will be used, and then press the center of the control wheel.

3 Follow the instructions on the screen to apply the initial settings.

Setting the date and time

1 Press the MENU button to display the menu screen.

2 Press the top/bottom/left/right side of the control wheel to select 🔧 (Setup) → [Area/Date] → [Area/Date/Time Setting] → [Date/Time], and then press the center of the control wheel.

3 Set the date and time, and then press the center.

MENU button
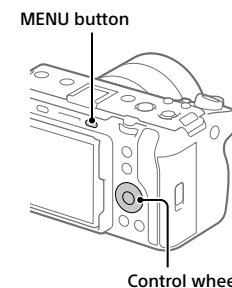
Control wheel

Shooting

Shooting movies

MODE (Mode) button　　REC (Recording) button

Control wheel

6/REC (Custom 6/Recording) button
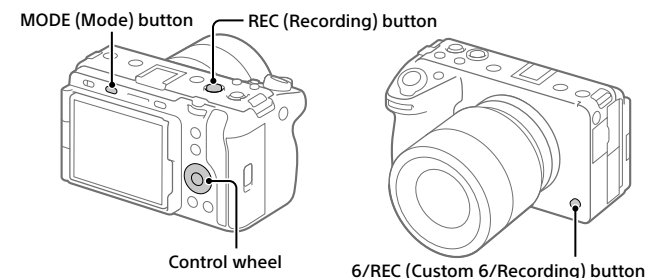
1 Press the MODE (Mode) button, use the control wheel to select ▶️ (Movie), and then press the center.

2 Press the REC (Recording) button to start recording.
  Movie recording can be started from any shooting mode in the default setting.

3 Press the REC button again to stop recording.

Shooting still images

1 Press the MODE (Mode) button, use the control wheel to select the desired shooting mode, and then press the center of the control wheel.

2 Press the shutter button halfway down to focus.

3 Press the shutter button all the way down.

MODE (Mode) button

Shutter button

Control wheel

Viewing

1 Press the ▶ (Playback) button to switch to the playback mode.

2 Select an image with the control wheel.

You can move to the previous image/next image by pressing the left/right side of the control wheel.
To start playing back a movie, press the center button on the control wheel.

Control wheel

▶ (Playback) button

Notes on use

Refer to "Precautions" in the "Help Guide" as well.

Notes on handling the product

- This camera is designed to be dust-and moisture-resistant, but is not waterproof or dust-proof.
- Do not leave the lens exposed to a strong light source such as sunlight. Because of the lens's condensing function, doing so may cause smoke, fire, or a malfunction inside the camera body or the lens. If you have to leave the camera exposed to a light source such as sunlight, attach the lens cap to the lens.
- If sunlight or other strong light enters the camera through the lens, it may focus inside the camera and cause smoke or fire. Attach the lens cap when storing the camera. When shooting with backlighting, keep the sun sufficiently far away from the angle of view. Even if it is slightly away from the angle of view, smoke or fire may still occur.
- Do not directly expose the lens to beams such as laser beams. That may damage the image sensor and cause the camera to malfunction.
- Do not look at sunlight or a strong light source through the lens when it is detached. This may result in unrecoverable damage to the eyes or cause a malfunction.
- This camera (including accessories) has magnet(s) which may interfere with pacemakers, programmable shunt valves for hydrocephalus treatment, or other medical devices. Do not place this camera close to persons who use such medical devices. Consult your doctor before using this camera if you use any such medical device.
- Increase the volume gradually. Sudden loud noises can damage your ears. Be especially careful when listening to headphones.
- Do not leave the camera, the supplied accessories, or memory cards within the reach of infants. They may be accidentally swallowed. If this occurs, consult a doctor immediately.
- While the cooling fan is in operation, be careful not to let any objects get sucked into the fan.

Notes on the monitor

- The monitor is manufactured using extremely high-precision technology, and over 99.99% of the pixels are operational for effective use. However, there may be some small black dots and/or bright dots (white, red, blue or green in color) that constantly appear on the monitor. These are imperfections due to the manufacturing process and do not affect the recorded images in any way.
- If the monitor is damaged, stop using the camera immediately. The damaged parts may harm your hands, face, etc.

Notes on continuous shooting

During continuous shooting, the monitor may flash between the shooting screen and a black screen. If you keep watching the screen in this situation, you may experience uncomfortable symptoms such as feeling of unwellness. If you experience uncomfortable symptoms, stop using the camera, and consult your doctor as necessary.

Notes on recording for long periods of time or recording 4K movies

- The camera body and battery may become warm with use – this is normal.
- If the same part of your skin touches the camera for a long period of time while using the camera, even if the camera does not feel hot to you, it may cause symptoms of a low-temperature burn such as redness or blistering. Pay special attention in the following situations and use a tripod, etc.
  - When using the camera in a high temperature environment
  - When someone with poor circulation or impaired skin sensation uses the camera
  - When using the camera with [Auto Power OFF Temp.] set to [High]
- Do not touch the area around the ventilation outlet for long periods of time. Doing so may cause low-temperature burns.

Notes on using memory cards

- When recording is finished, the memory card may become hot. This is not a malfunction.
- If [🌡] (overheating warning icon) is displayed on the monitor, do not remove the memory card from the camera right away. Instead, wait for a while after turning off the camera, and then remove the memory card. If you touch the memory card while it is hot, you may drop it and the memory card may be damaged. Be careful when removing the memory card.

Notes on using a tripod

Use a tripod with a screw less than 5.5 mm (7/32 inches) long. Otherwise, you cannot firmly secure the camera, and damage to the camera may occur.

Notes on the XLR handle unit (supplied) (ILME-FX30 only)

- Before connecting/disconnecting an external microphone or device to/from the INPUT1 or INPUT2 jack, be sure to set the INPUT1 (LINE/MIC/MIC+48V) or INPUT2 (LINE/MIC/MIC+48V) switch to a position other than "MIC+48V." Plugging/unplugging the cable into/from the external microphone or device while the switch is set to "MIC+48V" may cause loud noise or a malfunction of the device.
- While recording is in progress, operating and handling noises from the camera or lens may be recorded. Touching the handle while recording is in progress will cause noise to be included in the recording.
- While recording is in progress, do not change the INPUT1 or INPUT2 switch settings.
- If the microphone of the handle is in proximity to a speaker, acoustic feedback may occur. In this case, move the handle away from the speaker to allow the maximum distance between the microphone and the speaker, or lower the speaker volume.
- If dust or water droplets are present on the surface of the microphone, successful recording may not be possible. Be sure to clean the microphone surface before using the handle.
- Turn off the camera before attaching/removing the handle.
- When the handle is connected to the camera and the HANDLE AUDIO ON/OFF switch is set to ON, the internal microphone of the camera cannot record audio input.
- When attaching the handle to the camera, fasten the two handle-attachment screws securely. Using the handle without fastening the handle-attachment screws may damage the Multi Interface Shoe terminal or cause the handle to fall off.

Sony lenses/accessories

Using this unit with products from other manufacturers may affect its performance, leading to accidents or malfunction.

Warning on copyrights

Television programs, films, videotapes, and other materials may be copyrighted. Unauthorized recording of such materials may be contrary to the provisions of the copyright laws.

Notes on location information

If you upload and share still images or movies taken with this camera on the Internet while the location information is linked with the dedicated smartphone application, you may accidentally reveal the location information to a third party. To prevent third parties from obtaining your location information, deactivate the [Location Information Linkage] function of the dedicated application.

Notes on discarding or transferring this product to others

Before discarding or transferring this product to others, be sure to perform the following operation to protect private information.
- Select [Setting Reset] → [Initialize].

Notes on discarding or transferring a memory card to others

Executing [Format] or [Delete] on the camera or a computer may not completely delete the data on the memory card. Before transferring a memory card to others, we recommend that you delete the data completely using data deletion software. When discarding a memory card, we recommend that you physically destroy it.

Note on network functions

When you use network functions, unintended third parties on the network may access the camera, depending on the usage environment. For example, unauthorized access to the camera may occur in network environments to which another network device is connected or can connect without permission. Sony bears no responsibility for any loss or damage caused by connecting to such network environments.

Note on the 5 GHz band for wireless LAN

When using the wireless LAN function outdoors, set the band to 2.4 GHz by following the procedure below. (WW878474 only)
- MENU → 🌐 (Network) → [Wi-Fi] → [Wi-Fi Frequency Band]

How to turn off wireless network functions (Wi-Fi, etc.) temporarily

When you board an airplane, etc., you can turn off all wireless network functions temporarily using [Airplane Mode].

Power Cord

Multiple power cords may be supplied with this equipment. Use the appropriate one that matches your country/region.
For the customers in the UK, Ireland, Malta, Cyprus and Saudi Arabia
Use the power cord (A).
For the customers in other EU countries/regions, the power cord (B) is not intended for above countries/regions and shall therefore not be used there.
For the customers in other EU countries/regions
Use the power cord (B).

(A)　(B)

For Customers in the U.S.A. and Canada

The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used.
Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. This equipment has been tested and found to comply with FCC/ISED radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the ISED radio frequency (RF) Exposure rules.

For Customers in the U.S.A.

For question regarding your product or for the Sony Service Center nearest you, call 1-800-222-SONY (7669) .

Supplier's Declaration of Conformity
Trade Name : SONY
Model : WW878474
Responsible Party : Sony Electronics Inc.
Address : 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number : 858-942-2230

Important note on use of 5 GHz wireless LAN

Compliance with FCC requirement 15.407(c)
Data transmission is always initiated by software, which is the passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinue transmission in case of either absence of information to transmit or operational failure.

Frequency Tolerance: ±20 ppm

For Customers in Canada

5 150-5 350 MHz band is restricted to indoor operation only.
High-power radars are allocated as primary users (i.e. priority users) of the bands 5 250-5 350 MHz and 5 650-5 850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

For Customers in Europe

IEEE802.11b/g/n	2 400 MHz	< 60 mW e.i.r.p.
IEEE802.11a/n/ac	5 150-5 350 MHz 5 470-5 725 MHz	< 35 mW e.i.r.p.
IEEE802.11a/n/ac	5 725-5 850 MHz	< 25 mW e.i.r.p.
Bluetooth	2 400 MHz	< 10 mW e.i.r.p.

Hereby, Sony Corporation declares that this equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://www.compliance.sony.eu

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Hereby, Sony Corporation declares that this equipment is in compliance with the UK relevant statutory requirements.
The full text of the declaration of conformity is available at the following internet address: https://compliance.sony.co.uk

For this radio equipment the following restrictions on putting into service or of requirements for authorization of use apply in AT/BE/BG/CY/CZ/DK/EE/FI/FR/DE/EL/HU/IE/IT/LV/LT/LU/MT/NL/PL/PT/RO/SK/SI/ES/SE/UK/UK(NI)/HR/IS/LI/NO/CH/AL/BA/MK/MD/RS/ME/XK/TR:
5 150 - 5 350 MHz band is restricted to indoor operations only.

For Customers in Indonesia

IEEE802.11b/g/n	2 400 MHz
Bluetooth	2 400 MHz

For customers who purchased their camera from a store in Japan that caters to tourists

Note
Some certification marks for standards supported by the camera can be confirmed on the screen of the camera.
Select MENU → 🔧 (Setup) → [Setup Option] → [Certification Logo].

Specifications

Camera

[System]
Camera Type:
　Interchangeable Lens Digital Camera
Lens: Sony E-mount lens

[Image sensor]
Image format: APS-C size (23.3 mm × 15.5 mm), CMOS image sensor
Effective pixel number of camera:
　Approx. 26 000 000 pixels
Total pixel number of camera:
　Approx. 27 000 000 pixels

[Monitor]
7.5 cm (3.0 type) TFT drive, touch panel

[General]
Rated input: 7.2 V ⎓, 5.6 W (during movie recording)
Operating temperature:
　0 °C to 40 °C (32 °F to 104 °F)
Storage temperature:
　−20 °C to 55 °C (−4 °F to 131 °F)
Dimensions (W/H/D) (Approx.):
　129.7 × 77.8 × 84.5 mm
　5 1/8 × 3 1/8 × 3 3/8 in.
Mass (Approx.):
　646 g (1 lb 6.8 oz) (including battery pack, SD card)

[Wireless LAN]
WW878474 (see name plate on the bottom of camera)
Supported format: IEEE 802.11 a/b/g/n/ac
Frequency band: 2.4 GHz/5 GHz
Security: WEP/WPA-PSK/WPA2-PSK
Connection method:
　Wi-Fi Protected Setup™ (WPS)/Manual
Access method: Infrastructure mode

WW679215 (see name plate on the bottom of camera)
Supported format: IEEE 802.11 b/g/n
Frequency band: 2.4 GHz
Security: WEP/WPA-PSK/WPA2-PSK
Connection method:
　Wi-Fi Protected Setup™ (WPS)/Manual
Access method: Infrastructure mode

XLR handle unit (ILME-FX30 only)
Mass (Approx.): 305 g (10.8 oz)

AC Adaptor AC-UUD12/AC-UUE12/AC-UUE12 T
Rated input:
　100 - 240 V ⏦, 50/60 Hz, 0.2 A
Rated output: 5 V ⎓, 1.5 A

Rechargeable battery pack NP-FZ100
Rated voltage: 7.2 V ⎓

Design and specifications are subject to change without notice.

Trademarks

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- QR Code is a trademark of Denso Wave Inc.
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https://www.sony.net/SonyInfo/Support/

Additional information on this product and answers to frequently asked questions can be found at our Customer Support Website.

https://www.sony.net/