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SONY

5-062-388-11(1)



5062388110

Interchangeable Lens Digital Camera

α1 II

E-mount

WW912257/WW045578

Startup Guide

ILCE-1M2

About the “Help Guide”



For detailed instructions on using the camera, refer to the “Help Guide” (web manual). You can also download a printable PDF from the home page of the “Help Guide.”

https://rd1.sony.net/help/ilc/2440/h_zz/

ILCE-1M2 Help Guide

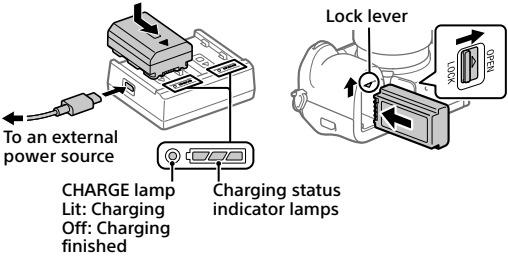
Preparations

Checking the supplied items

The number in parentheses indicates the number of pieces.

- Camera (1)
- Battery charger (1)
- Rechargeable battery pack NP-FZ100 (1)
- Shoulder strap (1)
- Body cap (1) (attached to the camera)
- Cable Protector (1)
- Shoe cap (1) (attached to the camera)
- Eyepiece cup FDA-EP19 (1) (attached to the camera)
- Eyepiece cup FDA-EP21 (1)
- Startup Guide (this manual) (1)
- Reference Guide (1)

Preparing the battery pack

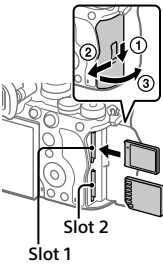


- 1 Insert the battery pack into the battery charger, and then connect the battery charger to the USB Type-C® terminal of a USB PD (USB Power Delivery) power supply using a commercially available USB Type-C cable (USB-C® – USB-C).
- Place the battery pack on the battery charger in the direction of ▲. Slide the battery pack in the direction of the arrow as far as it will go.
 - Use a USB PD power supply with an output of 30 W (15 V / 2 A) or more and a USB Type-C cable (USB-C – USB-C) that supports 3 A or more.
 - Charging is also possible when using a USB PD power supply with output of less than 30 W, but charging may take a long time when charging two batteries at once.
 - If you use a USB PD power supply or USB cable with specifications other than those described above, charging may not be performed properly.
 - If two batteries are inserted into the battery charger, they will be charged simultaneously.
 - Depending on the USB PD power supply, the CHARGE lamp may turn on and off repeatedly before charging starts. However, once the CHARGE lamp or charging status indicator lamps stay lit, charging will proceed normally.

2 Insert the battery pack into the camera.

- Open the battery cover, and then insert the battery pack while pressing the lock lever.

Inserting a memory card into the camera



Open the memory card cover and insert the memory card into Slot 1, paying attention to the orientation of the memory card. Then, close the cover.

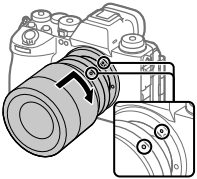
Both Slot 1 and Slot 2 of this camera support CFexpress™ Type A memory cards and SD memory cards.

The Slot 1 is used in the default settings.

For details on the setting method, refer to the “Help Guide.”

When you use a memory card with this camera for the first time, format the card using the camera in order to stabilize the performance of the memory card.

Attaching a lens



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

Performing initial setup for the camera

By establishing a Bluetooth connection (pairing) between the camera and a smartphone, you can perform initial camera setup such as date and time settings from the smartphone. Install the dedicated application on your smartphone in advance, and then follow steps 1 to 4 under “Procedures for initial camera setup.”

Installing the dedicated smartphone application



Install the application from the following website. Also, update to the latest version of the dedicated application. The specifications of the dedicated application may change without notice.

<https://www.sony.net/ca/>

Procedures for initial camera setup

ON/OFF (Power) switch



Control wheel/center button

- 1 Set the ON/OFF (Power) switch to “ON” to turn on the camera.
- 2 Select the desired language and then press the center of the control wheel.
- The setting screen for the screen reader function and a privacy notice will appear. Read the privacy notice regarding biometrics by opening the link using your smartphone, etc.
- 3 Press the center of the control wheel.
- 4 Follow the instructions on the camera screen to connect the camera with your smartphone and perform the initial setup.
- You can also configure or change the initial settings later from the MENU of the camera.

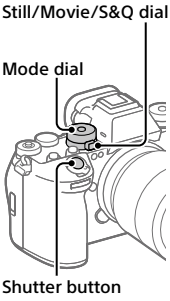
Pairing the camera with your smartphone later (Smartphone Connection)



For details on the connection method, refer to the following Help Guide URL:

https://rd1.sony.net/help/ilc/2440_pairing/h_zz/

Shooting still images



- 1 Turn and set the Still/Movie/S&Q dial to (Still) while pressing the lock release button on the front of the Still/Movie/S&Q dial.
- 2 Turn the mode dial while pressing the mode dial lock release button in the center of the mode dial, and then select the desired shooting mode.
- 3 Press the shutter button halfway down to focus.
- 4 Press the shutter button all the way down.

Notes on use

Refer to “Precautions” in the “Help Guide” as well.

Notes on handling the product

- Do not leave the lens or the viewfinder 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 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 this unit, the supplied accessories, or memory cards within the reach of infants. They may be accidentally swallowed. If this occurs, consult a doctor immediately.
- When shooting with the viewfinder, you may experience symptoms such as eyestrain, fatigue, motion sickness, or nausea. We recommend that you take a break at regular intervals when you are shooting with the viewfinder.
- If the monitor or electronic viewfinder is damaged, stop using the camera immediately. The damaged parts may harm your hands, face, etc.
- When shooting still images continuously, the monitor or viewfinder 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.
- When recording or streaming for long periods of time or recording 4K/8K movies, 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]

Notes on using memory cards

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.

Sony lenses/accessories

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

Use a nearby wall outlet (wall socket) when using the AC Adaptor/Battery Charger. If any malfunction occurs, disconnect the plug from the wall outlet (wall socket) immediately to disconnect from the power source.

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. (WW912257 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].

How to turn on or off Wi-Fi function

Select MENU → (Network) → [Wi-Fi] → [Wi-Fi Connect] → [On] or [Off].

How to turn on or off Bluetooth function

Select MENU → (Network) → [Bluetooth] → [Bluetooth Function] → [On] or [Off].

CAUTION

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to LAN terminal. Follow the instructions for LAN terminal.

LAN cable

Use a Category 5e or higher Shielded Twisted Pair (STP) cable with high shielding performance.

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

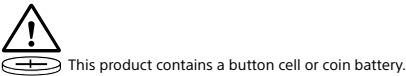
The available scientific evidence does not show that any health problems are associated with using low power wireless devices. There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave 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 : WW912257
Responsible Party : Sony Electronics Inc.
Address : 16535 Via Esprillo, San Diego, CA 92127 U.S.A.
Telephone Number : 858-942-2230



This product contains a button cell or coin battery.

WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above 55 °C (131 °F) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

This product contains a non-replaceable button/coin cell battery.

Battery type: ML621 or MS621
Nominal Voltage: 3 V

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>

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.

The power delivered by the charger must be between min 2.5 Watts required by the radio equipment, and max 27 Watts in order to achieve the maximum charging speed.
USB PD fast charging



Deactivating the power management function will increase the energy consumption of the product.

For Customers in the UK

STATEMENT OF COMPLIANCE

1. Model No.: ILCE-1M2
2. Name and address of the manufacturer's authorised representative: Sony Europe B.V., The Heights, Brooklands, Weybridge, Surrey KT13 0XW, United Kingdom
3. This statement of compliance is issued under the sole responsibility of the manufacturer: Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan
4. Object of the statement: Digital Camera
5. The object of the statement described above is in compliance with the applicable security requirements in Schedule 1 of S.I. 2023 No. 1007 (Product Security)
6. Where applicable, references to the relevant standards used in relation to which compliance is declared:
7. Defined support period for security updates: 2027-12-31
8. Additional information: Note(s):

Signed for and on behalf of:
Sony Europe B.V.

Kris De Pauw
Vice President

Weybridge, 2024-04-23

Sony Europe B.V.
Registered Office: The Heights, Brooklands, Weybridge, Surrey, KT13 0XW, United Kingdom
· Incorporated in the Netherlands No. 71682147

The support period for security updates can be found on the page linked below. The date given in this document is as of the time of release.
<https://compliance.sony.co.uk>

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: 35 mm full frame, CMOS image sensor
Number of effective pixels on camera:
Approx. 50 100 000 pixels (still images) / approx. 42 000 000 pixels (movies)

Total number of pixels on camera:
Approx. 50 500 000 pixels

[General]

Rated input: 7.2 V , 4.7 W
Operating temperature:
0 to 40 °C (32 to 104 °F)
Storage temperature:
-20 to 55 °C (-4 to 131 °F)

Dimensions (W/H/D) (Approx.):

136.1 × 96.9 × 82.9 mm
136.1 × 96.9 × 72.8 mm
(from grip to monitor)
5 3/8 × 3 7/8 × 3 3/8 in.
5 3/8 × 3 7/8 × 2 7/8 in.
(from grip to monitor)

Mass (Approx.):

743 g (1 lb 10.3 oz) (including battery pack, SD Card)

[Wireless LAN]

WW912257 (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

WW045578 (see name plate on the bottom of camera)

Supported format: IEEE 802.11 b/g/n

Frequency band: 2.4 GHz

[Eco and energy saving]

Power consumption (Off mode): Not available

Power consumption (Standby mode/ Low power mode): 0.5 W

Power consumption (Networked standby mode): 2.0 W (Bluetooth) / 2.0 W (LAN) / 2.0 W (all terminals and networks connected)

Low power mode activated:

Within 20 minutes (default)

Networked standby mode activated:

Within 20 minutes (default)

Design and specifications are subject to change without notice.

Compatible iPhone/iPad models

iPhone 15 Pro Max, iPhone 15 Pro, iPhone 15 Plus, iPhone 15, iPhone 14 Pro Max, iPhone 14 Pro, iPhone 14 Plus, iPhone 14, iPhone SE (3rd generation), iPhone 13 Pro Max, iPhone 13 Pro, iPhone 13, iPhone 13 mini, iPhone 12 Pro Max, iPhone 12 Pro, iPhone 12, iPhone 12 mini, iPhone SE (2nd generation), iPhone 11 Pro Max, iPhone 11 Pro, iPhone 11, iPhone XS Max, iPhone XS, iPhone XR, iPhone X, iPhone 8 Plus, iPhone 8, iPad Air (3rd, 4th, and 5th generation), iPad (5th through 10th generation), iPad mini (6th generation), iPad Pro 12.9-inch (1st through 6th generation), iPad Pro 11-inch (1st through 4th generation), iPad Pro 10.5-inch, iPad Pro 9.7-inch, iPad mini (5th generation) (As of May 2024)

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(https://rd1.sony.net/help/di/ei23/h_zz/)

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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/>