FUJIFILM

DIGITAL CAMERA

GFX 50sII

FF210001

Basic Manual

Thank you for your purchase of this product. Be sure that you have read this manual and understood its contents before using the camera. Keep the manual handy for future reference once you have finished.

The latest versions of the product manuals are available at the site below.

http://fujifilm-dsc.com/en/manual/

The site above, which provides detailed instructions and material not covered in this guide, can be accessed from a computer, smartphone, or tablet. It also contains information on the software license.

MEMO

📖 **Chapter Index**

📖 Table of Contents

Supplied Accessories

The following are included with the camera:

- NP-W235 rechargeable battery
- AC-5VJ AC power adapter
- Plug adapter
- USB cable
- Body cap (comes attached to camera)
- Shoulder strap
- Cable protector
- Hot shoe cover (comes attached to hot shoe)
- *Basic Manual* (this manual)

① The battery is not charged at shipment. Charge the battery before use (🕮 40).

◆ • The plug adapter supplied varies with the country or region.
  • Visit the site below for information on the software available for your camera.
    https://fujifilm-x.com/support/compatibility/cameras/

About This Manual

This manual contains instructions for your FUJIFILM GFX50S II digital camera. Be sure you have read and understood its contents before proceeding.

Symbols and Conventions

The following symbols are used in this manual:

- ⓘ Information that should be read to prevent damage to the product.
- ◈ Additional information that may be helpful when using the product.
- 📖 Pages on which related information may be found.

Menus and other text in the displays are shown in **bold**. Illustrations are for explanatory purposes only; drawings may be simplified, while photographs are not necessarily taken with the model of camera described in this manual.

Terminology

The optional SD, SDHC, and SDXC memory cards the camera uses to store pictures are referred to as "memory cards". The electronic viewfinder may be referred to as the "EVF" and the LCD monitor as the "LCD".

MEMO

x

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Before You Begin

Parts of the Camera

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26. HDMI Micro connector (Type D)
27. Sync terminal

The Cable Protector

Attach the protector as shown to prevent accidental disconnection.

1. Insert the tab on the connector into the matching slot on the camera.
2. Position the protector on the camera.
3. Tighten the lock screw.
4. Connect the cable and pass it through the protector as shown.
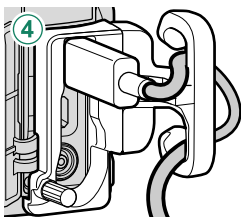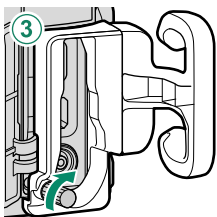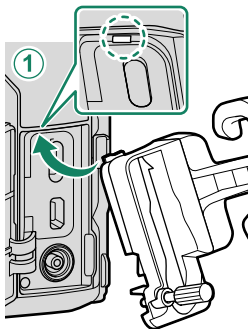
The Serial Number Plate

Do not remove the serial number plate, which provides the CMIIT ID, serial number, and other important information.
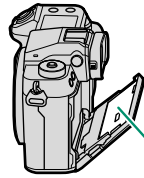
Serial number plate

The Memory Card Slot Cover (Detachable)

The memory card slot cover can be removed by lowering the interior latch. Remove the cover for ease of access when a camera rig is attached or in other situations that make it difficult to open or close the cover.
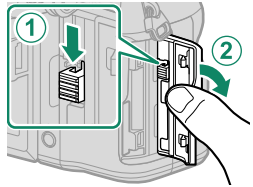
The Focus Stick (Focus Lever)

Tilt or press the focus stick to select the focus area. The focus stick can also be used to navigate the menus.
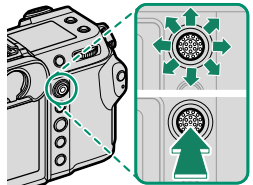
The Mode Dial

To select a shooting mode, rotate the dial until the icon for the desired mode aligns with the index.
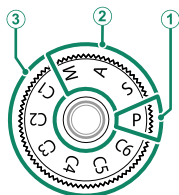
Mode	Description	📖
① **P** (PROGRAM AE)	Aperture and shutter speed can be adjusted using program shift.	50
② **S** (SHUTTER PRIORITY AE) **A** (APERTURE PRIORITY AE) **M** (MANUAL)	Select for full control over camera settings, including aperture (**M** and **A**) and/or shutter speed (**M** and **S**).	51 53 55
③ **C1/C2/C3/C4/C5/C6** (CUSTOM 1/2/3/4/5/6)	Take pictures using previously-stored settings.	58

Rotate the mode dial only after pressing the dial lock release to release the dial.

The STILL/MOVIE Mode Switch

Slide the **STILL**/**MOVIE** mode switch to **STILL** to take photographs or to **MOVIE** to record movies.
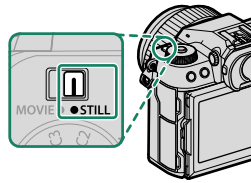
The DRIVE Button

Press the **DRIVE** button to adjust shooting settings. The options displayed vary with the position of the **STILL**/**MOVIE** mode switch.

• Pressing the button when **STILL** is selected displays drive mode options.
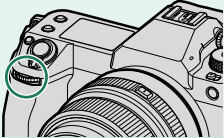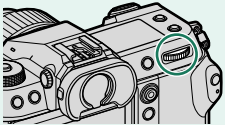
	Mode			Mode
◻	Single frame		**BKT**	Bracketing
⊒	burst mode		⊡	Multiple Exposure
ISO	ISO BKT		⊞SHIFT	PIXEL SHIFT MULTI SHOT
WB	WHITE BALANCE BKT			

• Pressing the button when **MOVIE** is selected displays frame rate options.

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The Command Dials

Rotate or press the command dials to:

	Front command dial	Rear command dial
Rotate	• Select menu tabs or page through menus • Choose the desired combination of shutter speed and aperture (program shift) • Adjust aperture [1, 2] • View other pictures during playback	• Highlight menu items • Choose the desired combination of shutter speed and aperture (program shift) • Choose a shutter speed [1, 4] • Adjust exposure compensation by pressing the 🔲 button and rotating the dial [1] • Adjust settings in the quick menu • Choose the size of the focus frame • Zoom in or out in full frame playback • Zoom in or out in multi-frame playback
Press	• Switch between aperture and ISO sensitivity [2] • Press and hold to choose the option selected for **D BUTTON/DIAL SETTING** > **COMMAND DIAL SETTING** in the **D** (setup) menu	• Zoom in on the active focus point [3] • Press and hold to choose the manual focus mode focus display [3] • Zoom in on the active focus point during playback

1 Can be changed using **D BUTTON/DIAL SETTING** > **COMMAND DIAL SETTING**.
2 If the lens is equipped with an aperture ring with an "**A**" or "**C**" position, the aperture ring must be in the **A** or **C** position.
3 Available only if **FOCUS CHECK** is assigned to a function button.
4 Only if a value other than auto is selected for shutter speed.

💡 The rotation direction for the command dials can be selected using **D BUTTON/DIAL SETTING** > **COMMAND DIAL DIRECTION**.

The Indicator Lamp

Camera status is shown by the indicator
lamp.
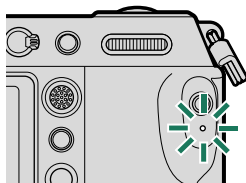
Indicator lamp	Camera status
Glows green	Focus locked.
Blinks green	Focus or slow shutter speed warning. Pictures can be taken.
Blinks green and orange	• **Camera on**: Recording pictures. Additional pictures can be taken. • **Camera off**: Uploading pictures to a smartphone or tablet. *
Glows orange	Recording pictures. No additional pictures can be taken at this time.
Blinks orange	Flash charging; flash will not fire when picture is taken.
Blinks red	Lens or memory error.

* Displayed only if pictures are selected for upload.

N • Warnings may also appear in the display.
  • The indicator lamp remains off while your eye is to the viewfinder.
  • The B **MOVIE SETTING** > **TALLY LIGHT** option can be used to choose the lamp (indicator or AF-assist) that lights during movie recording and whether the lamp blinks or remains steady.

The LCD Monitor

The LCD monitor can be tilted for easier viewing, but be careful not to touch the wires or trap fingers or other objects behind the monitor. Touching the wires could cause camera malfunction.
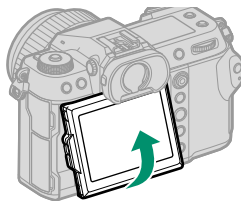
The LCD monitor also functions as a touch screen that can be used for:

- Touch photography (🔲 28)
- Focus area selection (🔲 27)
- Function selection (🔲 30)
- Movie optimized control ◗▶ (🔲 29)
- Playback (🔲 31)

"Tall" (Portrait) Orientation

The display can also be tilted to take pictures from high or low angles when the camera is rotated to take pictures in "tall" (portrait) orientation.

- Press the tilt lock release and tilt the display as shown in Figure 1.
- To take high-angle shots, hold the camera in the orientation shown in Figure 2.
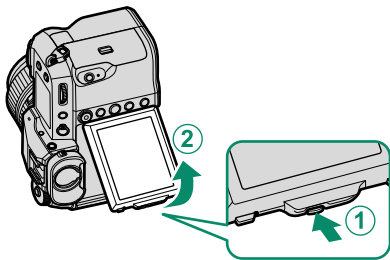
Figure 1
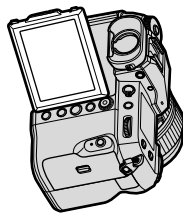
Figure 2

The Eye Cup

To remove the eye cup, hold the buttons on either side and slide eye cup up.
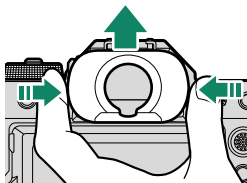
Focusing the Viewfinder

If the indicators displayed in the viewfinder are blurred, put your eye to the viewfinder and rotate the diopter adjustment control until the display is in sharp focus.

To focus the viewfinder:

1. Lift the diopter adjustment control.
2. Rotate the control to adjust viewfinder focus.
3. Return the control to its original position and lock it in place.
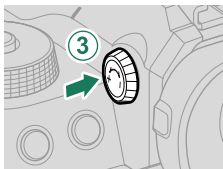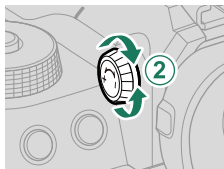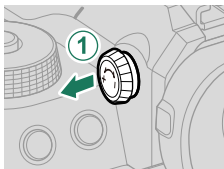
Q Lift the control before use. Failure to observe this precaution could cause product malfunction.

Camera Displays

This section lists the indicators that may be displayed during shooting.

⚠ For illustrative purposes, displays are shown with all indicators lit.

The Electronic Viewfinder

1 Shows "9999" if there is space for over 9999 frames.

2 Not displayed when **ON** is selected for D **SCREEN SET-UP** > **LARGE INDICATORS MODE(EVF)**.

3 Displayed during movie recording only.

4 Displayed when controls have been locked by pressing and holding the **MENU/OK** button. Control lock can be ended by pressing and holding the **MENU/OK** button again.

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Before You Begin

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The LCD Monitor

1 Shows "9999" if there is space for over 9999 frames.
2 Not displayed when **ON** is selected for E **SCREEN SET-UP** > **LARGE INDICATORS MODE(LCD)**.
3 Displayed during movie recording only.
4 Camera functions can also be accessed via touch controls.
5 Displayed when controls have been locked by pressing and holding the **MENU/OK** button. Control lock can be ended by pressing and holding the **MENU/OK** button again.

Choosing a Display Mode

Press the **VIEW MODE** button to cycle through the following display modes.

Option	Description
⊛ EYE SENSOR	Putting your eye to the viewfinder turns the viewfinder on and the LCD monitor off; taking your eye away turns the viewfinder off and LCD monitor on.
EVF EVF ONLY	Viewfinder on, LCD monitor off.
LCD ONLY	LCD monitor on, viewfinder off.
EVF EVF ONLY + ⊛	Putting your eye to the viewfinder turns the viewfinder on; taking it away turns the viewfinder off. The LCD monitor remains off.
⊛ EYE SENSOR + LCD IMAGE DISP.	Putting your eye to the viewfinder during shooting turns the viewfinder on, but the LCD monitor is used for the display of images once you remove your eye from the viewfinder after shooting.

The Eye Sensor

• The eye sensor may respond to objects other than your eye or to light shining directly on the sensor.

• The eye sensor is disabled while the LCD monitor is tilted.
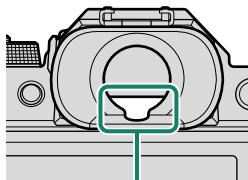
Eye sensor

Adjusting Display Brightness

The brightness and saturation of the viewfinder and LCD monitor can be adjusted using the items in the **D SCREEN SET-UP** menu. Choose **EVF BRIGHTNESS** or **EVF COLOR** to adjust viewfinder brightness or saturation, **LCD BRIGHTNESS** or **LCD COLOR** to do the same for the LCD monitor.

Display Rotation

When **ON** is selected for **D SCREEN SET-UP** > **AUTOROTATE DISPLAYS**, the indicators in the viewfinder and LCD monitor automatically rotate to match camera orientation.

The DISP/BACK Button

The **DISP/BACK** button controls the display of indicators in the viewfinder and LCD monitor.

 Indicators for the EVF and LCD must be selected separately. To choose the EVF display, place your eye to the viewfinder while using the **DISP/BACK** button.
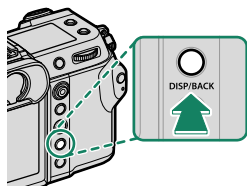
Viewfinder

Full screen

Full screen (no indicators)

Dual display (manual focus mode only)
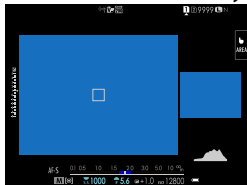
Standard indicators

Standard (no indicators)

LCD Monitor

Standard indicators
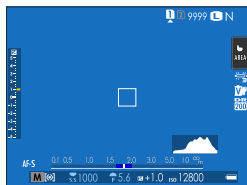
No indicators
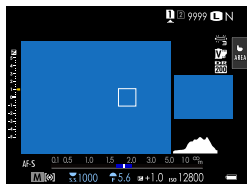
Dual display
(manual focus mode only)
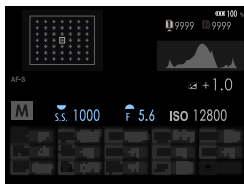
Info display

The Dual Display

The dual display consists of a large full-frame window and a smaller close-up of the focus area.

Customizing the Standard Display

To choose the items shown in the standard indicator display:

1. **Display standard indicators.**
   Use the **DISP/BACK** button to display standard indicators.

2. **Select DISP. CUSTOM SETTING.**
   Select **D SCREEN SET-UP** > **DISP. CUSTOM SETTING** in the setup menu.

3. **Choose items.**
   Highlight items and press **MENU/OK** to select or deselect.

Item	Default STILL	Default MOVIE	Item	Default STILL	Default MOVIE
FRAMING GUIDELINE	☐	☐	CONTINUOUS MODE	☑	—
ELECTRONIC LEVEL	☐	☐	DUAL IS MODE	☑	☑
FOCUS FRAME	☑	☑	TOUCH SCREEN MODE	☑	☑
AF DISTANCE INDICATOR	☐	☐	WHITE BALANCE	☑	☑
MF DISTANCE INDICATOR	☑	☑	FILM SIMULATION	☑	☑
HISTOGRAM	☐	☐	DYNAMIC RANGE	☑	—
LIVE VIEW HIGHLIGHT ALERT	☐	☐	FRAMES REMAINING	☑	—
SHOOTING MODE	☑	☑	IMAGE SIZE/QUALITY	☑	—
APERTURE/S-SPEED/ISO	☑	☑	MOVIE MODE & REC. TIME	—	☑
INFORMATION BACKGROUND	☑	☑	35mm FORMAT MODE	☑	—
Expo. Comp. (Digit)	☐	☐	IMAGE TRANSFER ORDER	☑	☑
Expo. Comp. (Scale)	☑	☑	MIC LEVEL	—	☑
FOCUS MODE	☑	☑	GUIDANCE MESSAGE	☑	☑
PHOTOMETRY	☑	☑	BATTERY LEVEL	☑	☑
SHUTTER TYPE	☑	—	FRAMING OUTLINE	☐	☐
FLASH	☑	—			

4. **Press DISP/BACK to save changes.**

5. **Press DISP/BACK as needed to exit the menus and return to the shooting display.**

Virtual Horizon

Selecting **ELECTRONIC LEVEL** displays a virtual horizon. The camera is level when the two lines overlap. Note that the virtual horizon may not be displayed if the camera lens is pointed up or down. For a 3D display (shown), press the function button to which **ELECTRONIC LEVEL** is assigned.

Pitch   *Roll*
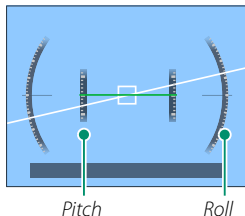
Framing Outline

Enable **FRAMING OUTLINE** to make the borders of the frame easier to see against dark backgrounds.

Histograms

Histograms show the distribution of tones in the image. Brightness is shown by the horizontal axis, the number of pixels by the vertical axis.

Number of pixels

Shadows ←——————→ *Highlights*

Pixel brightness
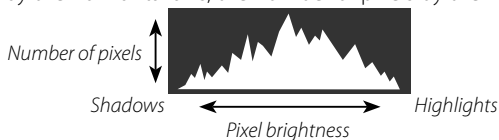
- **Optimal exposure**: Pixels are distributed in an even curve throughout the tone range.

- **Overexposed**: Pixels are clustered on the right side of the graph.

- **Underexposed**: Pixels are clustered on the left side of the graph.
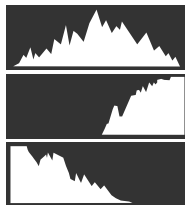
To view separate RGB histograms and a display showing areas of the frame that will be overexposed at current settings superimposed on the view through the lens, press the function button to which **HISTOGRAM** is assigned.

① *Overexposed areas blink*
② *RGB histograms*

① ②

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Before You Begin   1
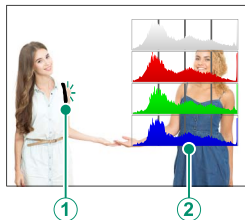
The Secondary LCD Monitor

Among the settings that can be viewed in the secondary LCD monitor are shutter speed, aperture, and ISO sensitivity.
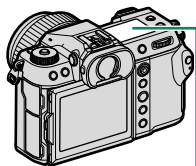
Secondary LCD monitor
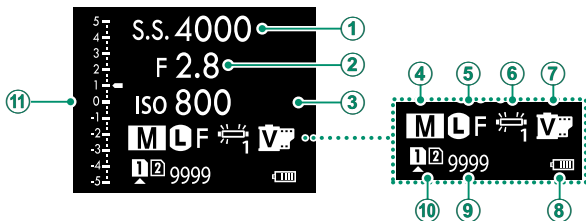
Default	
① SHUTTER SPEED	⑦ FILM SIMULATION
② APERTURE	⑧ BATTERY LEVEL
③ ISO	⑨ FRAMES REM.
④ SHOOTING MODE	⑩ CARD SLOT OPTIONS
⑤ IMAGE SIZE/QUALITY	⑪ 🔲 Scale
⑥ WHITE BALANCE	

The settings displayed can be selected using **D SCREEN SET-UP** > **SUB MONITOR SETTING**.

Cycling Through Indicators in the Secondary LCD Monitor

The indicators displayed in the secondary LCD monitor change each time the secondary LCD monitor mode button is pressed.

INFORMATION

S.S. 4000
F 2.8
ISO 800
M L F 📷 V
1 2 9999

➡

DIALS

1250 1000 BULB 000.0
ISO 800 4000 S.S.
500 640 3200 2500
F2.8
M -5 -4 -3 -2 -1 0 1 2 3 4 5

HISTOGRAM
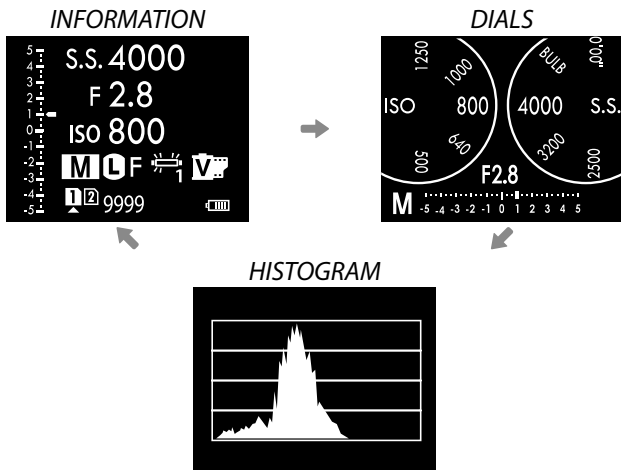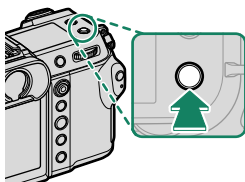
The secondary monitor backlight button

To turn on the secondary LCD monitor backlight when you find the secondary LCD monitor too dark to read, press the secondary monitor backlight button. Press the button again to turn the backlight off.
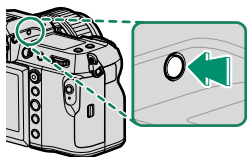
Background Color

The background color (black or white) for the secondary LCD monitor can be selected using the D **SCREEN SET-UP** > **SUB MONITOR BACKGROUND COLOR** option in the D (setup) menu. Note that the background is displayed in white whenever the secondary LCD monitor backlight is on.
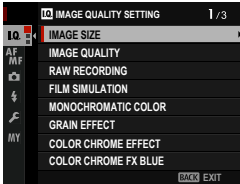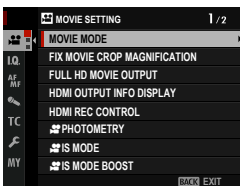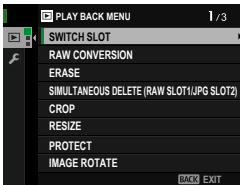
Using the Menus

To display the menus, press **MENU/OK**.
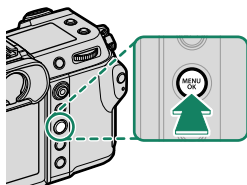
The Menus

Different menus are displayed during still photography, movie recording, and playback.

Shooting	MOVIE ● ● STILL **STILL/MOVIE** *mode switch* *set to* **STILL**	**IMAGE QUALITY SETTING** 1/3 IMAGE SIZE IMAGE QUALITY RAW RECORDING FILM SIMULATION MONOCHROMATIC COLOR GRAIN EFFECT COLOR CHROME EFFECT COLOR CHROME FX BLUE BACK EXIT
	MOVIE ● ● STILL **STILL/MOVIE** *mode switch* *set to* **MOVIE**	**MOVIE SETTING** 1/2 MOVIE MODE FIX MOVIE CROP MAGNIFICATION FULL HD MOVIE OUTPUT HDMI OUTPUT INFO DISPLAY HDMI REC CONTROL 🎬 PHOTOMETRY 🎬 IS MODE 🎬 IS MODE BOOST BACK EXIT
Playback	DISP/BACK *During playback*	**PLAY BACK MENU** 1/3 SWITCH SLOT RAW CONVERSION ERASE SIMULTANEOUS DELETE (RAW SLOT1/JPG SLOT2) CROP RESIZE PROTECT IMAGE ROTATE BACK EXIT

Selecting a Menu Tab

To navigate the menus:

1 Press **MENU/OK** to display the menus.

	IMAGE QUALITY SETTING	1/3
	IMAGE SIZE	▸
	IMAGE QUALITY	
	RAW RECORDING	
	FILM SIMULATION	
	MONOCHROMATIC COLOR	
	GRAIN EFFECT	
	COLOR CHROME EFFECT	
	COLOR CHROME FX BLUE	
		BACK EXIT
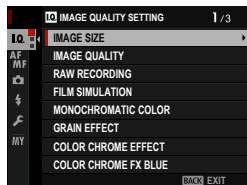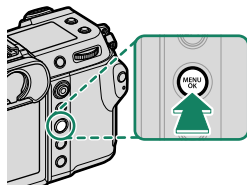
2 Press the focus stick (focus lever) left to highlight the tab for the current menu.

	IMAGE QUALITY SETTING	1/3
	IMAGE SIZE	
	IMAGE QUALITY	
	RAW RECORDING	
	FILM SIMULATION	
	MONOCHROMATIC COLOR	
	GRAIN EFFECT	
	COLOR CHROME EFFECT	
	COLOR CHROME FX BLUE	
		BACK EXIT
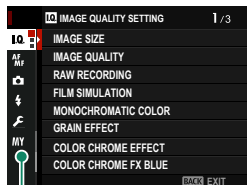
Tab

3 Press the focus stick up or down to highlight the tab containing the desired item.

4 Press the focus stick right to place the cursor in the menu.

◈ Use the front command dial to select menu tabs or page through menus and the rear command dial to highlight menu items.

Touch Screen Mode

The LCD monitor also functions as a touch screen.

Shooting Touch Controls

To enable touch controls, select **ON** for
D **BUTTON/DIAL SETTING** > **TOUCH
SCREEN SETTING** > A **TOUCH SCREEN
SETTING**.

TOUCH SCREEN SETTINGS	
A TOUCH S	**ON**
A DOUBLE	OFF
🖼 TOUCH F	
▶ TOUCH S	
EVF TOUCH S	
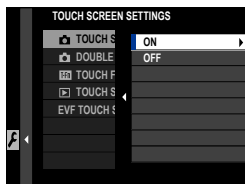
EVF

The LCD monitor can be used to select the focus area while pictures are being framed in the electronic viewfinder (EVF). Use
D **BUTTON/DIAL SETTING** > **TOUCH SCREEN SETTING** > **EVF
TOUCH SCREEN AREA SETTINGS** to choose the area of the monitor employed for touch controls.
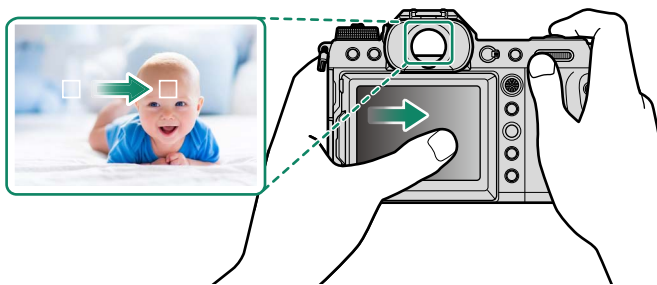
> If **FACE SELECT** ☼ 🖳 is enabled when **FACE DETECTION ON** is selected for 🔠 **AF/MF SETTING** > **FACE/EYE DETECTION SETTING**, the face used for focus can be chosen via touch controls.

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LCD Monitor

The operation performed can be selected by tapping the touch screen mode indicator in the display. Touch controls can be used for the following operations:

Mode	Description
AF / **AF OFF**	• In focus mode **S** (AF-S), the camera focuses when you tap your subject in the display. Focus locks at the current distance until you tap the **AF OFF** icon. • In focus mode **C** (AF-C), the camera initiates focus when you tap your subject display. The camera will continue to adjust focus for changes in the distance to the subject until you tap the **AF OFF** icon. • In manual focus mode (MF), you can tap the display to focus on the selected subject using autofocus.
AREA	Tap to select a point for focus or zoom. The focus frame will move to the selected point.
OFF	Touch controls disabled.

> Different touch controls are used during focus zoom.

> • To disable touch controls and hide the touch screen mode indicator, select **OFF** for **D BUTTON/DIAL SETTING** > **TOUCH SCREEN SETTING** > **TOUCH SCREEN SETTING**.
> • Touch control settings can be adjusted using **AF/MF SETTING** > **TOUCH SCREEN MODE**.

MOVIE OPTIMIZED CONTROL ●👆

Selecting **ON** for 🎬 **MOVIE SETTING** > **MOVIE OPTIMIZED CONTROL ●👆** or tapping the movie-optimized mode button in the shooting display optimizes the command dials and touch controls for movie recording. This can be used to prevent camera sounds being recorded with movie footage.
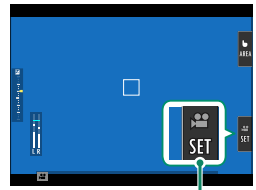
Movie-optimized mode button

- SHUTTER SPEED
- APERTURE
- EXPOSURE COMPENSATION
- ISO
- INTERNAL MIC LEVEL ADJUSTMENT/EXTERNAL MIC LEVEL ADJUSTMENT

- WIND FILTER
- HEADPHONES VOLUME
- 🎬 FILM SIMULATION
- 🎬 WHITE BALANCE
- 🎬 IS MODE
- 🎬 IS MODE BOOST

💠 • Enabling movie-optimized controls disables the aperture ring.
  • When movie-optimized control is enabled, the movie-optimized mode button can be used to change shooting settings or disable movie-optimized control.

Touch Function

Functions can be assigned to the follow-
ing flick gestures in much the same way
as function buttons:

- Flick up: **T-Fn1**
- Flick left: **T-Fn2**
- Flick right: **T-Fn3**
- Flick down: **T-Fn4**
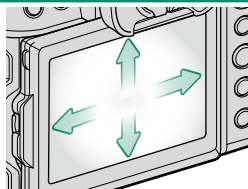
- In some cases, touch-function ges-
tures display a menu; tap to select the
desired option.

INTERNAL MIC LEVEL ADJUSTMENT

25.5 dB

SET   CANCEL
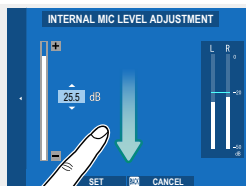
- Touch-function gestures are disabled by default. To enable
touch-function gestures, select **ON** for D **BUTTON/DIAL SETTING** >
TOUCH SCREEN SETTING > **T-Fn TOUCH FUNCTION**.

Playback Touch Controls

When **ON** is selected for ⬛ **BUTTON/DIAL SETTING** > **TOUCH SCREEN SETTING** > ▶ **TOUCH SCREEN SETTING**, touch controls can be used for the following playback operations:

• **Swipe**: Swipe a finger across the display to view other images.

• **Pinch-out**: Place two fingers on the display and spread them apart to zoom in.

• **Pinch-in**: Place two fingers on the display and slide them together to zoom out.

  N Pictures can be zoomed out until the entire image is visible but no further.

• **Double-tap**: Tap the display twice to zoom in on the focus point.

• **Drag**: View other areas of the image during playback zoom.

1
Before You Begin

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MEMO
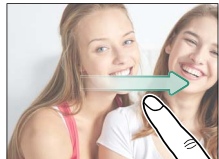
First Steps 2

Attaching the Strap

Attach the strap.

Attach the strap to the two strap clips as shown below.
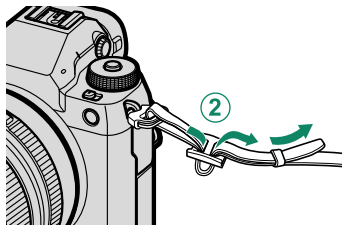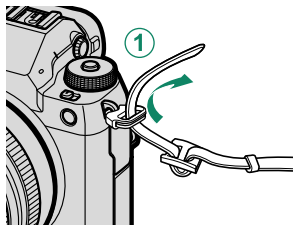
 To avoid dropping the camera, be sure the strap is correctly secured.

Attaching a Lens

The camera can be used with lenses for the FUJIFILM G-mount.

Remove the body cap from the camera and the rear cap from the lens. Place the lens on mount, keeping the marks on the lens and camera aligned (**①**), and then rotate the lens until it clicks into place (**②**).
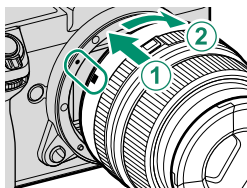
- **①** • When attaching lenses, ensure that dust or other foreign matter does not enter the camera.
  - Be careful not to touch the camera's internal parts.
  - Rotate the lens until it clicks securely into place.
  - Do not press the lens release button while attaching the lens.

Removing Lenses

To remove the lens, turn the camera off, then press the lens release button (**①**) and rotate the lens as shown (**②**).

- **①** To prevent dust accumulating on the lens or inside the camera, replace the lens caps and camera body cap when the lens is not attached.
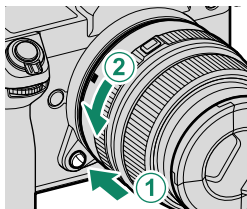
Lenses and Other Optional Accessories

The camera can be used with lenses and accessories for the FUJIFILM G-mount.

- **①** Observe the following precautions when attaching or removing (exchanging) lenses.
  - Check that the lenses are free of dust and other foreign matter.
  - Do not change lenses in direct sunlight or under another bright light source. Light focused into the interior of the camera could cause it to malfunction.
  - Attach the lens caps before exchanging lenses.
  - See the manual provided with the lens for information on use.

Inserting the Battery

Insert the battery in the camera as described below.

1 Open the battery-chamber cover.
Slide the battery-chamber cover latch as shown and open the battery-chamber cover.

- ⚠ • Do not open the battery-chamber cover when the camera is on. Failure to observe this precaution could damage image files or memory cards.
  - Do not use excessive force when handling the battery-chamber cover.
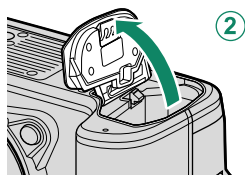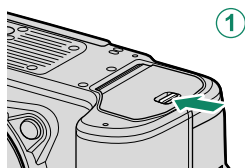
2 Insert the battery as shown.

- ⚠ • Insert the battery in the orientation shown. *Do not use force or attempt to insert the battery upside down or backwards.*
  - Confirm that the battery is securely latched.
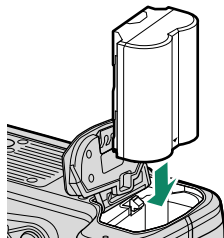
3 Close the battery-chamber cover.
Close and latch the cover.

⚠ If the cover does not close, check that the battery is in the correct orientation. Do not attempt to force the cover shut.
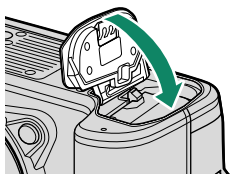
Removing the Battery

Before removing the battery, *turn the camera off* and open the battery-chamber cover.

To remove the battery, press the battery latch to the side, and slide the battery out of the camera as shown.
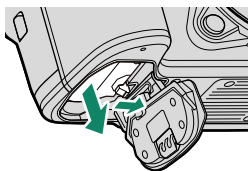
⚠ The battery may become hot when used in high-temperature environments. Observe caution when removing the battery.

2

First Steps

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Inserting Memory Cards

Pictures are stored on memory cards (sold separately).

◆ The camera can be used with two cards, one in each of its two slots.

1 Open the memory card slot cover.
Unlatch and open the cover.
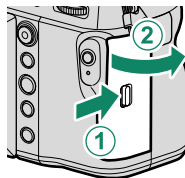
⚠ *Do not turn the camera off or remove the memory card while the memory card is being formatted or data are being recorded to or deleted from the card.* Failure to observe this precaution could damage the card.

2 Insert the memory card.
Holding the card in the orientation shown, slide it in until it clicks into place at the back of the slot. Close and latch the memory card slot cover.
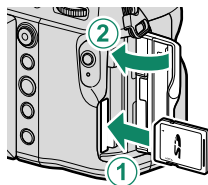
⚠ Be sure card is in the correct orientation; do not insert at an angle or use force.

Removing Memory Cards
Before removing memory cards, *turn the camera off* and open the memory card slot cover.

Press and release the card to eject it part way (to prevent the card falling from the slot, press the center of the card and release it slowly, without removing your finger from the card). The card can then be removed by hand.
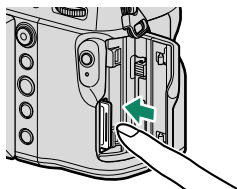
Using Two Cards

The camera can be used with two cards, one in each of its two slots. At default settings, photos are saved to the card in the second slot only when the card in the first slot is full. This can be changed using **D SAVE DATA SET-UP** > **CARD SLOT SETTING**. The card used to store movies can be selected using **D SAVE DATA SET-UP** > **CARD SLOT SETTING**.

Option	Description	Display
SEQUENTIAL (default)	The card in the second slot is used only when the card in the first slot is full. If the second slot is selected for **D SAVE DATA SET-UP** > **SELECT SLOT(SEQUENTIAL)**, recording will start on the card in the second slot and switch to the first slot when the card in the second slot is full.	🔢
BACKUP	Each picture is recorded twice, once to each card.	🔢
RAW / JPEG	As for **SEQUENTIAL**, except that the RAW copy of pictures taken with **SUPER FINE+RAW**, **FINE+RAW**, or **NORMAL+RAW** selected for **IMAGE QUALITY SETTING** > **IMAGE QUALITY** will be saved to the card in the first slot and the JPEG copy to the card in the second slot.	🔢

Charging the Battery

For reasons of safety, the battery is not charged at shipment. The camera will not function if the battery is not charged; be sure to charge the battery before use. Before charging the battery, turn the camera off.

- An NP-W235 rechargeable battery is supplied with the camera.
- Charging takes about 180 minutes.

1 Attach the plug adapter to the AC power adapter.

Attach the plug adapter as shown, making sure that it is fully inserted and clicks into place on the AC power adapter terminals.

- The supplied plug adapter is for use exclusively with the AC-5VJ AC power adapter. Do not use it with other devices.
- The shape of the plug adapter varies with the country of sale.
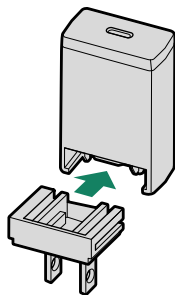
2 Charge the battery.

Connect the camera to the supplied AC power adapter using the supplied USB cable. Then plug the AC power adapter into an indoor power outlet.
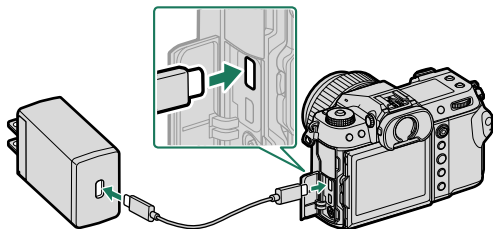
- Connect the cable to the camera's USB connector (Type-C).
- Be sure the connectors are fully inserted.

Charge Status

The indicator lamp shows battery charge status as follows:

Indicator lamp	Battery status
On	Battery charging
Off	Charging complete
Blinks	Charging error
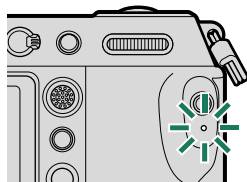
- The supplied AC power adapter is compatible with power supplies of 100 to 240 V (a plug adapter may be needed for overseas use).
- Do not use the AC power adapter or USB cable with other devices, as this could cause malfunction.
- Do not affix labels or other objects to the battery. Failure to observe this precaution could make it impossible to remove the battery from the camera.
- Do not short the battery terminals. The battery could overheat.
- Read the cautions in "The Battery and Power Supply".
- Use only genuine Fujifilm rechargeable batteries designated for use in this camera. Failure to observe this precaution could result in product malfunction.
- Do not remove the labels from the battery or attempt to split or peel the outer casing.
- The battery gradually loses its charge when not in use. Charge the battery one or two days before use.
- If the battery fails to hold a charge, it has reached the end of its charging life and must be replaced.
- Unplug the AC power adapter from the power outlet when it is not in use.
- If the battery is left for long periods without charging, you may find that its quality degrades or that it no longer holds a charge. Charge the battery regularly.
- Remove dirt from the battery terminals with a clean, dry cloth. Failure to observe this precaution could prevent the battery from charging.
- Note that charging times increase at low or high temperatures.

Charging via Computer

The camera can be charged via USB. USB charging is available with computers with a manufacturer-approved operating system and USB interface.
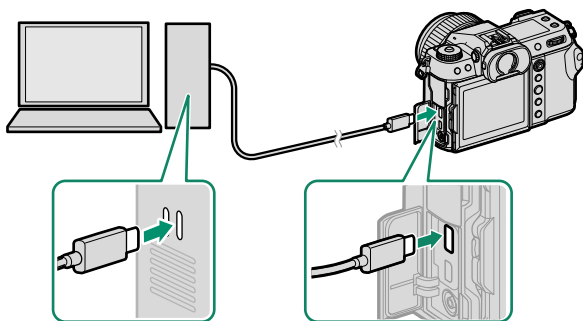
Leave the computer on during charging.

- ⚠ • The battery will not charge while the camera is on.
  - Connect the supplied USB cable.
  - Connect the camera directly to the computer; do not use a USB hub or keyboard.
  - Charging stops if the computer enters sleep mode. To resume charging, activate the computer and disconnect and reconnect the USB cable.
  - Charging may not be supported depending on the model of computer, computer settings, and the computer's current state.
  - The battery takes about 600 minutes to charge with a charging input of 5 V/500 mA.

- ◈ • If the camera is turned on during charging, charging will end and the USB connection will instead be used to power the camera. The battery level will begin to gradually decline.
  - The camera will display a "power supply" icon when powered via USB.
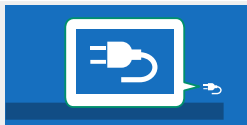
Turning the Camera On and Off

Use the **ON/OFF** switch to turn the camera on and off.

Slide the switch to **ON** to turn the camera on, or to **OFF** to turn the camera off.
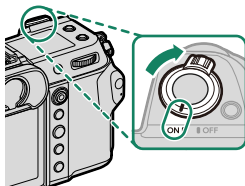
⚠️ Fingerprints and other marks on the lens or viewfinder can affect pictures or the view through the viewfinder. Keep the lens and viewfinder clean.

◆ • Pressing the ▶ button during shooting starts playback.
  • Press the shutter button halfway to return to shooting mode.
  • The camera will turn off automatically if no operations are performed for the length of time selected for ⚙ **POWER MANAGEMENT** > **AUTO POWER OFF**. To reactivate the camera after it has turned off automatically, press the shutter button halfway or turn the **ON/OFF** switch to **OFF** and then back to **ON**.

Basic Setup

When you turn the camera on for the first time, you can choose a language and set the camera clock. At default settings, you can also pair the camera with a smartphone or tablet so that you can later synchronize the clocks or download pictures. Follow the steps below when turning the camera on for the first time.

If you intend to pair the camera with a smartphone or tablet, install and launch the latest version of the FUJIFILM Camera Remote App on the smart device before proceeding. For more information, visit: *http://app.fujifilm-dsc.com/en/camera_remote/*

1 Turn the camera on.
A language-selection dialog will be displayed.
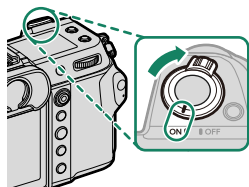
2 Choose a language.
Highlight a language and press **MENU/OK**.
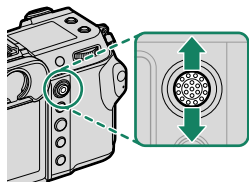
3 Pair the camera with the smartphone or tablet.
Press **MENU/OK** to pair the camera with a smartphone or tablet running the FUJIFILM Camera Remote app.

To skip pairing, press **DISP/BACK**.

START MENU
PAIRING REGISTRATION

PAIR WITH SMARTPHONE?

IMAGES CAN BE EASILY TRANSFERRED
TO SMARTPHONE BY PAIRING

SCAN QR CODE OR SEARCH FOR "FUJIFILM
Camera Remote" APP ON THE WEB
OK SET **DISP** SKIP **?** HELP
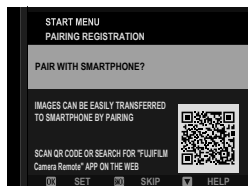
4 Check the time.

When pairing is complete, you will be prompted to set the camera clock to the time reported by the smartphone or tablet. Check that the time is correct.

```
START MENU
PAIRING REGISTRATION
          Phone000111111
        PAIRING COMPLETE
     12/ 31/2021 12:10 AM
SET DATE/TIME FROM SMARTPHONE?

  SET          CANCEL
```
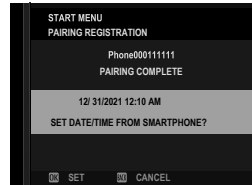
To set the clock manually, press **DISP/BACK** (📖 47).

5 Synchronize the camera settings with the settings configured on your smartphone or tablet.

```
START MENU
SMARTPHONE SYNC. SETTING

  LOCATION&TIME
  LOCATION
  TIME
  OFF

                    SET
```
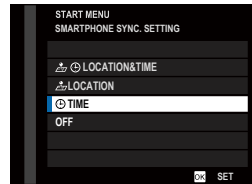
The option selected can be changed at any time using
CONNECTION SETTING > **Bluetooth SETTINGS**.

6 Set the clock.

Press **MENU/OK** to set the camera clock to the time reported by the smartphone or tablet and exit to shooting mode.

7 Select **USER SETTING** > **FORMAT** in the (**SET UP**) tab.

Format memory cards before first use, and be sure to reformat all memory cards after using them in a computer or other device.

8 Highlight the slot containing the card you wish to format and press **MENU/OK**.

9 A confirmation dialog will be displayed. To format the memory card, highlight **OK** and press **MENU/OK**.

```
FORMAT

FORMAT CARD IN SLOT 1, OK?
ERASE ALL DATA




        OK
        CANCEL
```

To exit without formatting the memory card, select **CANCEL** or press **DISP/BACK**.

First Steps **2**
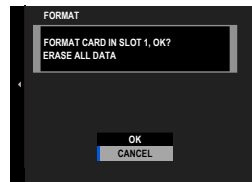
- All data—including protected pictures—will be deleted from the memory card. Be sure important files have been copied to a computer or other storage device.
  - Do not open the battery-chamber cover during formatting.

- The format menu can also be displayed by pressing the center of the rear command dial while pressing and holding the �🗑 button.
  - If the battery is removed for an extended period, the camera clock will be reset and the language-selection dialog will be displayed when the camera is turned on.

Skipping the Current Step
If you skip a step, a confirmation dialog will be displayed; select **NO** to avoid repeating any steps you skipped the next time the camera is turned on.

Choosing a Different Language

To change the language:

1 Display language options.
Select D **USER SETTING** > 言語/**LANG.**.

2 Choose a language.
Highlight the desired option and press **MENU/OK**.

Changing the Time and Date

To set the camera clock:

1 Display DATE/TIME options.
Select D **USER SETTING** > **DATE/TIME**.

2 Set the clock.
Press the focus stick (focus lever) left or right to highlight the year, month, day, hour, or minute and press up or down to change. Press **MENU/OK** to set the clock.

MEMO

Taking and Viewing Photos

3

P, S, A, and M Modes

P, **S**, **A**, and **M** modes give you varying degrees of control over shutter speed and aperture.

Mode P: Program AE

Let the camera choose shutter speed and aperture for optimal exposure. Other values that produce the same exposure can be selected with program shift.

1 Slide the **STILL/MOVIE** mode switch to **STILL**.
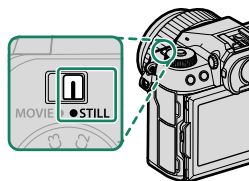
2 Rotate the mode dial to **P**.
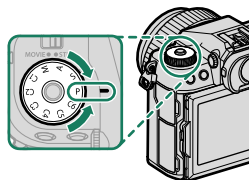
P will appear in the display.
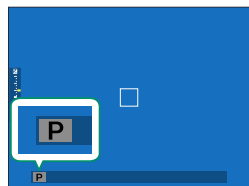
① • If the subject is outside the metering range of the camera, the shutter speed and aperture displays will show "– – –".
 • Rotate the mode dial only after pressing the dial lock release to release the dial.

Mode S: Shutter-Priority AE

Choose a shutter speed and let the camera adjust aperture for optimal exposure.

1 Slide the **STILL/MOVIE** mode switch to **STILL**.
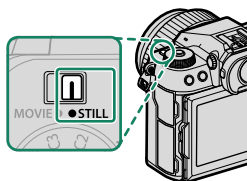
2 Rotate the mode dial to **S**.
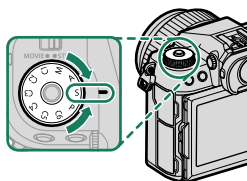
S will appear in the display.
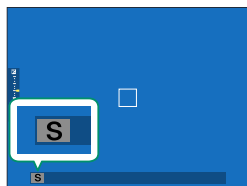
3 Rotate the rear command dial to choose the shutter speed.

51
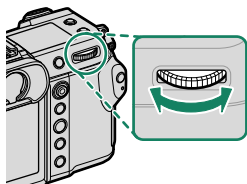
$\boxed{\textbf{!}}$ • If the correct exposure cannot be achieved at the selected shutter speed, aperture will be displayed in red.

• If the subject is outside the metering range of the camera, the aperture display will show "– – –".

• Rotate the mode dial only after pressing the dial lock release to release the dial.

$\boxed{\textbf{❖}}$ • Shutter speed can be adjusted while the shutter button is pressed halfway.

• At shutter speeds slower than 1 second, a count-down timer will be displayed while the exposure is in progress.

• To reduce "noise" (mottling) in long time-exposures, select **ON** for $\boxed{\textbf{D}}$ **IMAGE QUALITY SETTING** > **LONG EXPOSURE NR**. Note that this may increase the time needed to record images after shooting.

• The picture will go out of focus if the camera is moved during a long time-exposure; use of a tripod is recommended.

Mode A: Aperture-Priority AE

Choose an aperture and let the camera adjust shutter speed for optimal exposure.

1 Slide the **STILL/MOVIE** mode switch to **STILL**.
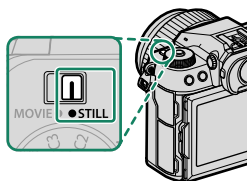
2 Rotate the mode dial to **A**.
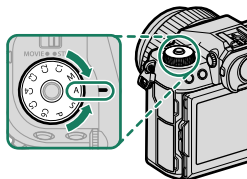
A will appear in the display.
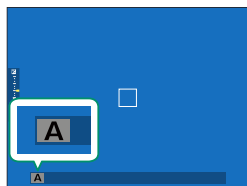
3 Rotate the lens aperture ring to choose an aperture.

> N • If the lens is not equipped with an aperture ring, aperture can be adjusted using the front command dial on the camera.
> • If the lens is equipped with an aperture ring with an "**A**" or "**C**" position, the front command dial can be used to adjust aperture when the aperture ring is rotated to **A** or **C**.
> • The roles played by the front command dial can be changed using Ⅾ **BUTTON/DIAL SETTING** > **COMMAND DIAL SETTING**.

- If the correct exposure cannot be achieved at the selected aperture, shutter speed will be displayed in red.
  - If the subject is outside the metering range of the camera, the shutter speed display will show "– – –".
  - Rotate the mode dial only after pressing the dial lock release to release the dial.

Aperture can be adjusted even while the shutter button is pressed halfway.

Mode M: Manual Exposure

In manual mode, the user controls both shutter speed and aperture. Shots can be deliberately overexposed (brighter) or underexposed (darker), opening the door for a variety of individual creative expression. The amount the picture would be under- or over-exposed at current settings is shown by the exposure indicator; adjust shutter speed and aperture until the desired exposure is reached.

1 Slide the **STILL/MOVIE** mode switch to **STILL**.
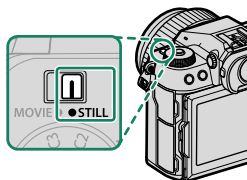
2 Rotate the mode dial to **M**.
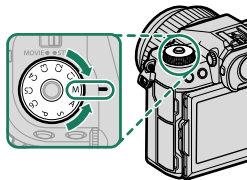
M will appear in the display.
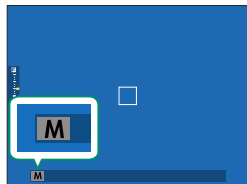
3 Rotate the rear command dial to choose a shutter speed and the lens aperture ring to choose the aperture.
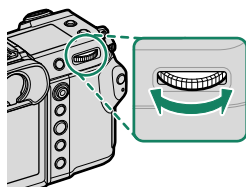
> N • The manual exposure display includes an exposure indicator that shows the amount the picture would be under- or over-exposed at current settings.
> • If the lens is not equipped with an aperture ring, aperture can be adjusted using the front command dial on the camera.
> • If the lens is equipped with an aperture ring with an "**A**" or "**C**" position, the front command dial can be used to adjust aperture when the aperture ring is rotated to **A** or **C**.
> • The roles played by the front command dial can be changed using **D BUTTON/DIAL SETTING** > **COMMAND DIAL SETTING**.

Q Rotate the mode dial only after pressing the dial lock release to release the dial.

BULB

Select a shutter speed of **BULB** for long time-exposures in which you open and close the shutter manually. Use of a tripod is recommended to prevent the camera moving during the exposure.

1 Set shutter speed to **BULB**.
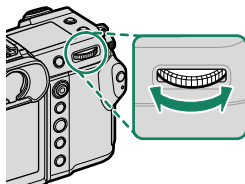
2 Press the shutter button all the way down.
- The shutter will remain open for up to 60 minutes while the shutter button is pressed.
- The display shows the time elapsed since the exposure started.
- Releasing the shutter button closes the shutter, ending the exposure. Processing will begin, and the camera will display the processing time remaining.

> • Selecting an aperture of **A** fixes shutter speed at 30 s.
> • To reduce "noise" (mottling) in long time-exposures, select **ON** for T **IMAGE QUALITY SETTING** > **LONG EXPOSURE NR**. Note that this may increase the time needed to record images after shooting.

Using a Remote Release

A remote release can be used for long time-exposures. When using an optional RR-100 remote release or an electronic release from third-party suppliers, connect it to the camera's remote release connector.
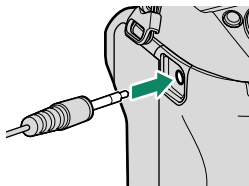
Custom Modes

Rotate the mode dial to any of modes **C1** (**CUSTOM 1**) through **C6** (**CUSTOM 6**) to take pictures using previously-saved shooting menu settings. Settings can be saved or edited using **IMAGE QUALITY SETTING** > **EDIT/SAVE CUSTOM SETTING**.
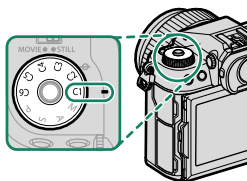
Saving Settings

1. Select **IMAGE QUALITY SETTING** in the shooting menu, then highlight **EDIT/SAVE CUSTOM SETTING** and press **MENU/OK**.

2. Highlight **EDIT/CHECK SETTING** and press **MENU/OK**.

   > EDIT/SAVE CUSTOM SETTING
   > SAVE CURRENT SETTINGS
   > EDIT/CHECK SETTING
   > AUTO UPDATE SETTING
   > EDIT CUSTOM NAME
   > RESET
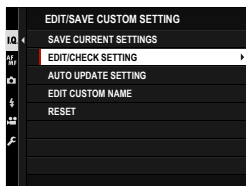
   - To store current camera settings in any of custom settings banks 1 through 6, select **SAVE CURRENT SETTINGS**. Previously-saved settings in the selected bank will be overwritten.
   - To restore default settings for selected banks, choose **RESET**.
   - Banks can be renamed using **EDIT CUSTOM NAME**.
   - If **ENABLE** is selected for **AUTO UPDATE SETTING**, changes to settings in modes **C1** through **C6** will automatically be saved to the current bank.

3. Highlight a custom settings bank and press **MENU/OK** to select.

   > EDIT/SAVE CUSTOM SETTING
   > SAVE CURRENT
   > EDIT/CHECK SET
   > AUTO UPDATE S
   > EDIT CUSTOM N
   > RESET
   > CUSTOM 1
   > CUSTOM 2
   > CUSTOM 3
   > CUSTOM 4
   > CUSTOM 5
   > CUSTOM 6
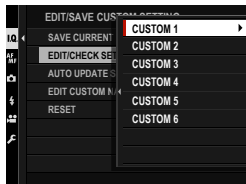
4 Highlight an item you wish to store in the custom settings bank and press **MENU/OK**.

Adjust settings for the selected item.

```
CUSTOM 1
SHOOTING MODE           ▸
SHUTTER SPEED
APERTURE
EXP. COMPENSATION
DRIVE MODE

                    BACK EXIT
```
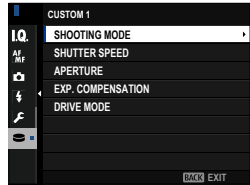
5 Press **MENU/OK** to save changes to the selected item and return to the menu item list.
Adjust additional items as desired.

6 Pressing **DISP/BACK** in the menu item list displays a confirmation dialog. Highlight **OK** and press **MENU/OK** to save the settings to the selected bank.

```
SAVE CUSTOM SETTING
CUSTOM 1 SET OK?




        OK
        CANCEL

                    BACK BACK
```
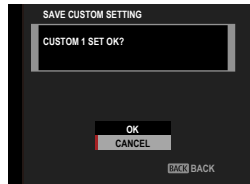
Autofocus

Take pictures using autofocus.

1 Rotate the focus mode selector to **S** or **C** (📖 61).
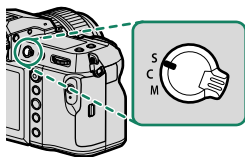
2 Choose an AF mode (📖 62).

3 Choose the position and size of the focus frame (📖 64).
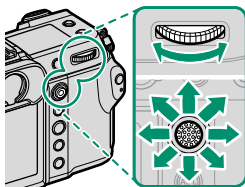
4 Take pictures.

Focus Mode

Use the focus mode selector to choose how the camera focuses.
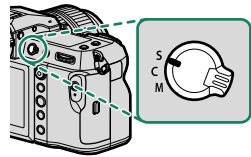
Choose from the following options:

Mode	Description
S (AF-S)	**Single AF**: Focus locks while the shutter button is pressed halfway. Choose for stationary subjects.
C (AF-C)	**Continuous AF**: Focus is continually adjusted to reflect changes in the distance to the subject while the shutter button is pressed halfway. Use for subjects that are in motion.
M (manual)	**Manual**: Focus manually using the lens focus ring. Choose for manual control of focus or in situations in which the camera is unable to focus using autofocus (🕮 67).

- Regardless of the option selected, manual focus will be used when the lens is in manual focus mode.
- If **ON** is selected for 🔠 **AF/MF SETTING** > **PRE-AF**, focus will be adjusted continuously in modes **S** and **C** even when the shutter button is not pressed.
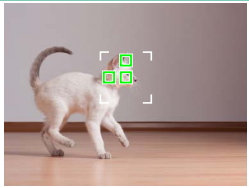
Autofocus Options (AF Mode)

Focus can be adapted to a variety of subjects by changing the combination of settings selected for focus and AF modes.
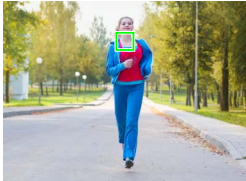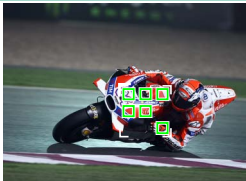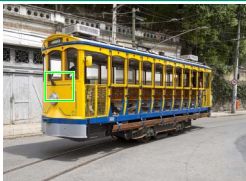
1 Press **MENU/OK** and go to the shooting menu.

2 Select 🔧 **AF/MF SETTING** > **AF MODE**.

3 Choose an AF mode.

How the camera focuses depends on the focus mode.

Focus Mode S (AF-S)

Option	Description	Sample image
▪ **SINGLE POINT**	Camera focuses on subject in selected focus point. Use for pin-point focus on selected subject.	
▣ **ZONE**	Camera focuses on subject in selected focus zone. Focus zones include multiple focus points, making it easier to focus on subjects in motion.	
▢ **WIDE**	Camera focuses automatically on high-contrast subjects; display shows areas in focus.	
🄰🄻🄻 **ALL**	Rotate the rear command dial in the focus-point selection display (📖 64, 65) to cycle through AF modes in the following order: ▪ **SINGLE POINT**, ▣ **ZONE**, and ▢ **WIDE**.	

Focus Mode C (AF-C)

Option	Description	Sample image
□ **SINGLE POINT**	Focus tracks subject at selected focus point. Use for subjects moving toward or away from camera.	
〔ı〕 **ZONE**	Focus tracks subject in selected focus zone. Use for subjects that are moving fairly predictably.	
〔ɔ〕 **TRACKING**	Focus tracks subjects moving through wide area of frame.	
ALL **ALL**	Rotate the rear command dial in the focus-point selection display (📖 64, 65) to cycle through AF modes in the following order: □ **SINGLE POINT**, 〔ı〕 **ZONE**, and 〔ɔ〕 **TRACKING**.	

Focus-Point Selection

Choose a focus point for autofocus.

Viewing the Focus-Point Display

1 Press **MENU/OK** and go to the shooting menu.

2 Select 🔧 **AF/MF SETTING** > **FOCUS AREA** to view the focus-point display.

3 Use the focus stick (focus lever) and rear command dial to choose a focus area.

⬖ The focus point can also be selected using touch controls (🕮 27).

Selecting a Focus Point

Use the focus stick (focus lever) to choose the focus point and the rear command dial to choose the size of the focus frame. The procedure varies with the option selected for AF mode.
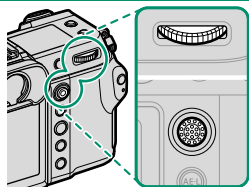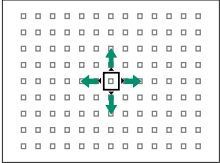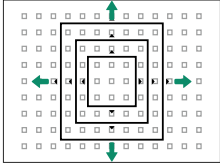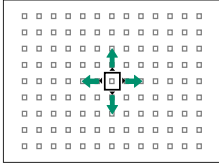
AF mode	Focus stick		Rear command dial	
	Tilt	**Press**	**Rotate**	**Press**
▪	Select focus point	Select center focus point	Choose from 6 frame sizes	Restore original size
⟦⟧			Choose from 3 frame sizes	
⟦ ⟧			—	

⬖ Manual focus-point selection is not available when ⟦⟧ **WIDE/TRACKING** is selected in focus mode **S**.

The Focus-Point Display

The focus-point display varies with the option selected for AF mode.

◆ Focus frames are shown by small squares (□), focus zones by the large squares.

AF mode		
⊡ SINGLE POINT	**⊡ ZONE**	**⊡ WIDE/TRACKING**
Number of points available can be selected using **🗗 AF/MF SETTING > NUMBER OF FOCUS POINTS**.	Choose from zones with 7×7, 5×5, or 3×3 focus points.	Position focus frame over subject you want to track using continuous AF.

Autofocus

Although the camera boasts a high-precision autofocus system, it may be unable to focus on the subjects listed below.

- Very shiny subjects such as mirrors or car bodies.
- Subjects photographed through a window or other reflective object.
- Dark subjects and subjects that absorb rather than reflect light, such as hair or fur.
- Insubstantial subjects, such as smoke or flame.
- Subjects that show little contrast with the background.
- Subjects positioned in front of or behind a high-contrast object that is also in the focus frame (for example, a subject photographed against a backdrop of highly contrasting elements).

Checking Focus

To zoom in on the current focus area for precise focus, press the center of the rear command dial. Use the focus stick (focus lever) to choose another focus area. Press the center of the rear command dial again to cancel zoom.
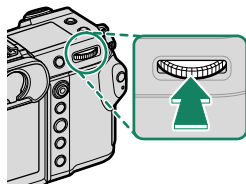
Normal display   *Focus zoom*

- In focus mode **S**, zoom can be adjusted by rotating the rear command dial.
- The focus stick can be used to select the focus area while zoom is in effect.
- In focus mode **S**, select ▯ **SINGLE POINT** for **AF MODE**.
- Focus zoom is not available in focus mode **C** or when ▦ **AF/MF SETTING** > **PRE-AF** is on.
- Use 🄳 **BUTTON/DIAL SETTING** > **FUNCTION (Fn) SETTING** to change the function performed by the center of the rear command dial. You can also assign its default function to other controls (▤ 100).

Manual Focus

Adjust focus manually.

1 Rotate the focus mode selector to **M**.
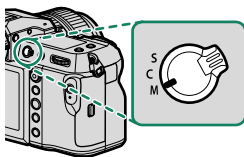
MF will appear in the display.
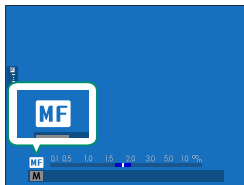
2 Focus manually using the lens focus ring. Rotate the ring left to reduce the focus distance, right to increase.
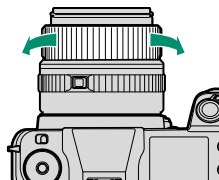
3 Take pictures.

> • Use **B BUTTON/DIAL SETTING** > **FOCUS RING** to reverse the direction of rotation of the focus ring.
> • Regardless of the option selected, manual focus will be used when the lens is in manual focus mode.

Checking Focus

A variety of options are available for checking focus in manual focus mode.

The Manual Focus Indicator

The white line indicates the distance to the subject in the focus area (in meters or feet according to the option selected for **D SCREEN SET-UP** > **FOCUS SCALE UNITS** in the setup menu), the blue bar the depth of field, or in other words the distance in front of and behind the subject that appears to be in focus.

Focus distance (white line)
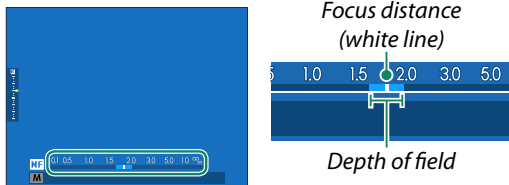
Depth of field

- If both **AF DISTANCE INDICATOR** and **MF DISTANCE INDICATOR** are selected in the **D SCREEN SET-UP** > **DISP. CUSTOM SETTING** list, the manual focus indicator can also be viewed using the depth-of-field indicator in the standard display. Use the **DISP/BACK** button to display standard indicators.
- Use the **AF/MF SETTING** > **DEPTH-OF-FIELD SCALE** option to choose how depth of field is displayed. Choose **FILM FORMAT BASIS** to help you make practical assessments of depth of field for pictures that will be viewed as prints and the like, **PIXEL BASIS** to help you assess depth of field for pictures that will be viewed at high resolutions on computers or other electronic displays.

Focus Zoom

If **ON** is selected for 📷 **AF/MF SETTING** > **FOCUS CHECK**, the camera will automatically zoom in on the selected focus area when the focus ring is rotated. Press the center of the rear command dial to exit zoom.

◆ • Use the focus stick (focus lever) to choose another focus area.
• Zoom can be adjusted by rotating the rear command dial.

Sensitivity

Adjust the camera's sensitivity to light.

Set sensitivity using B SHOOTING SETTING > ISO.

Option	Description
AUTO1 **AUTO2** **AUTO3**	Sensitivity is automatically adjusted in response to shooting conditions according to combination of standard and maximum sensitivity and minimum shutter speed chosen for B SHOOTING SETTING > ISO. Choose from **AUTO1**, **AUTO2**, and **AUTO3** (📖 71).
100–**12800**	Adjust sensitivity manually. Selected value is shown in display.
L (50) **H** (25600/51200/102400)	Choose for special situations. Note that mottling may appear in pictures taken at **H**, while **L** reduces dynamic range.

> • Sensitivity is not reset when the camera is turned off.
> • If desired, you can use D BUTTON/DIAL SETTING > COMMAND DIAL SETTING to configure the camera so that ISO sensitivity can be adjusted using the front or rear command dial.

Adjusting Sensitivity

High values can be used to reduce blur when lighting is poor, while lower values allow slower shutter speeds or wider apertures in bright light; note, however, that mottling may appear in pictures taken at high sensitivities.

AUTO

Choose the base sensitivity, maximum sensitivity, and minimum shutter speed for **AUTO1**, **AUTO2**, and **AUTO3**.

Item	Options	Default		
		AUTO1	**AUTO2**	**AUTO3**
DEFAULT SENSITIVITY	100–12800	100		
MAX. SENSITIVITY	200–12800	800	1600	3200
MIN. SHUTTER SPEED	⅟₅₀₀–¼ SEC, AUTO	AUTO		

The camera automatically chooses a sensitivity between the default and maximum values; sensitivity is only raised above the default value if the shutter speed required for optimal exposure would be slower than the value selected for **MIN. SHUTTER SPEED**.

- • If the value selected for **DEFAULT SENSITIVITY** is higher than that selected for **MAX. SENSITIVITY**, **DEFAULT SENSITIVITY** will be set to the value selected for **MAX. SENSITIVITY**.
  - • The camera may select shutter speeds slower than **MIN. SHUTTER SPEED** if pictures would still be underexposed at the value selected for **MAX. SENSITIVITY**.
  - • If **AUTO** is selected for **MIN. SHUTTER SPEED**, the camera will automatically adjust the minimum shutter speed according to the focal length of the lens (the setting remains the same whether image stabilization is on or off).

Metering

Choose how the camera meters exposure.

B **SHOOTING SETTING** > **PHOTOMETRY** offers a choice of the following metering options:

Ⓘ The selected option will only take effect when G **AF/MF SETTING** > **FACE/EYE DETECTION SETTING** is **OFF**.

Mode	Description
⊡ **MULTI**	The camera instantly determines exposure based on an analysis of composition, color, and brightness distribution. Recommended in most situations.
⊙ **CENTER-WEIGHTED**	The camera meters the entire frame but assigns the greatest weight to the area at the center.
[•] **SPOT**	The camera meters lighting conditions in an area equivalent to 2% of the frame. Recommended with backlit subjects and in other cases in which the background is much brighter or darker than the main subject.
[ ] **AVERAGE**	Exposure is set to the average for the entire frame. Provides consistent exposure across multiple shots with the same lighting, and is particularly effective for landscapes and portraits of subjects dressed in black or white.

N To meter the subject in the selected focus area, choose **ON** for G **AF/MF SETTING** > **INTERLOCK SPOT AE & FOCUS AREA** (P 88).

Exposure Compensation

Adjust exposure.

Hold the 🔅 button and rotate the rear command dial until the desired value is displayed in the viewfinder or LCD monitor.
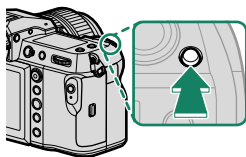
🛈 The amount of compensation available varies with the shooting mode.

The 🔅 Button
If **ON/OFF SWITCH** is selected for 🔅 **BUTTON/DIAL SETTING** > **EXPO. COMP. BUTTON SETTING**, exposure compensation can be set by pressing the 🔅 button once, rotating the rear command dial, and then pressing the 🔅 button again. Exposure compensation can be assigned to other controls using 🔅 **BUTTON/DIAL SETTING** > **FUNCTION (Fn) SETTING**.

Focus/Exposure Lock

Focus and exposure lock when the shutter button is pressed halfway.

1 Position the subject in the focus frame and press the shutter button halfway to lock focus and exposure. Focus and exposure will remain locked while the shutter button is pressed halfway (AF/AE lock).
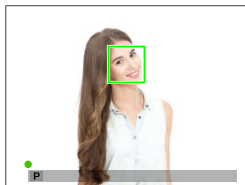
2 Press the button all the way down.

N Focus and exposure lock via the shutter button is only available when **ON** is selected for D **BUTTON/DIAL SETTING** > **SHUTTER AF**, **SHUTTER AE**.

Other Controls

Focus and exposure can also be locked using function buttons. At default settings, you can use the **AEL** button to lock exposure without locking focus. If the **AFON** button is assigned **AF LOCK ONLY**, it can similarly be used to lock focus without locking exposure.
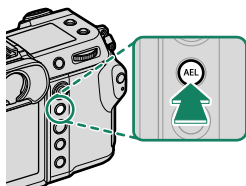
AEL *button (exposure lock)*

- While the assigned control is pressed, pressing the shutter button halfway will not end the lock.
- If **AE&AF ON/OFF SWITCH** is selected for D **BUTTON/DIAL SETTING** > **AE/AF-LOCK MODE**, the lock can only be ended by pressing the control a second time.
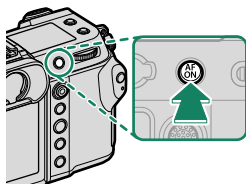
AFON *button*

- The focus lever (focus stick) can be used to reposition the focus point during exposure lock.
  - Function buttons can be assigned other roles using D **BUTTON/DIAL SETTING** > **FUNCTION (Fn) SETTING**. Exposure and focus lock can also be assigned to other function buttons (📖 100).

Viewing Pictures

Pictures can be viewed in the viewfinder or LCD monitor.

To view pictures full frame, press ▶.
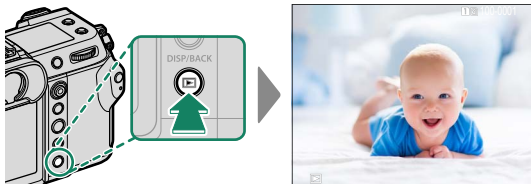
Additional pictures can be viewed by pressing the focus stick (focus lever) left or right or rotating the front command dial. Press the focus stick or rotate the dial right to view pictures in the order recorded, left to view pictures in reverse order. Keep the focus stick pressed to scroll rapidly to the desired frame.

◆ Pictures taken using other cameras are marked with a 🎁 ("gift image") icon to warn that they may not display correctly and that playback zoom may not be available.

Two Memory Cards

If two memory cards are inserted, you can press and hold the ▶ button to choose a card for playback. You can also select a card using the ▣ **PLAY BACK MENU** > **SWITCH SLOT** option.

Deleting Pictures

Use the 🗑 button to delete pictures.

⚠ Deleted pictures cannot be recovered. Protect important pictures or copy them to a computer or other storage device before proceeding.

1 With a picture displayed full frame, press the 🗑 button and select **FRAME**.
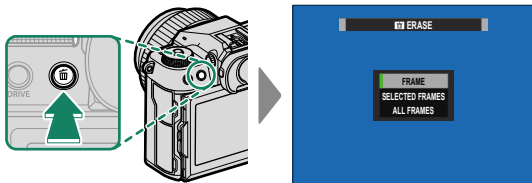
2 Press the focus stick (focus lever) left or right to scroll through pictures and press **MENU/OK** to delete (a confirmation dialog is not displayed). Repeat to delete additional pictures.

❖ • Protected pictures cannot be deleted. Remove protection from any pictures you wish to delete (🔖 96).
   • Pictures can also be deleted from the menus using the ▣ **PLAY BACK MENU** > **ERASE** option (🔖 96).

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MEMO

Movie Recording and Playback

4

Recording Movies

This section describes how to film movies in auto mode.

1 Slide the **STILL/MOVIE** mode switch to **MOVIE**.
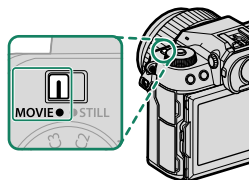
2 Rotate the mode dial to **P**.
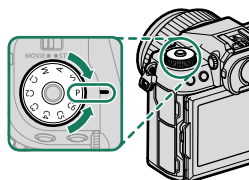
AUTO will appear in the display.

AUTO

⚠ Rotate the mode dial only after pressing the dial lock release to release the dial.

3 Press the shutter button all the way down.

Recording will start.

- A recording indicator (◉) is displayed while recording is in progress.
- The time remaining is shown by a countdown display, while another display counts up to show the recording time.
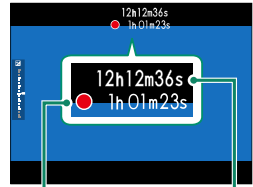
Recording time

Time remaining

4 Press the button again to end recording. Recording ends automatically when the maximum length is reached or the memory card is full.

Using an External Microphone

Sound can be recorded with external microphones that connect using jacks 3.5 mm in diameter; microphones that require plug-in power cannot be used. See the microphone manual for details.
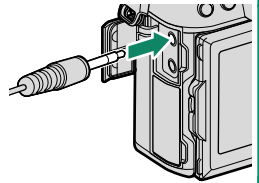
- Sound is recorded via the built-in microphone or an optional external microphone. Do not cover the microphone during recording.
- Note that the microphone may pick up lens noise and other sounds made by the camera during recording.
- Vertical or horizontal streaks may appear in movies containing very bright subjects. This is normal and does not indicate a malfunction.

- • The indicator lamp lights while recording is in progress (the 🎥 **MOVIE SETTING** > **TALLY LIGHT** option can be used to choose the lamp—indicator or AF-assist—that lights during movie recording and whether the lamp blinks or remains steady). During recording, you can change exposure compensation by up to ±2 EV and adjust zoom using the zoom ring on the lens (if available).
- • While recording is in progress, you can:
  - – Adjust sensitivity
  - – Refocus using any of the following methods:
    - • Press the shutter button halfway
    - • Press a function button to which **AF-ON** is assigned
    - • Use touch screen controls
  - – Display a histogram or artificial horizon by pressing the button to which **HISTOGRAM** or **ELECTRONIC LEVEL** has been assigned
- • Recording may be unavailable at some settings, while in other cases settings may not apply during recording.
- • To choose the focus area for movie recording, select 🎛 **AF/MF SETTING** > **FOCUS AREA** and use the focus stick (focus lever) and rear command dial (🔲 64).

Adjusting Movie Settings

- Pressing **MENU/OK** when **MOVIE** is selected with the **STILL/MOVIE** mode switch displays the movie menu.
- Frame size and rate can be selected using B **MOVIE SETTING** > **MOVIE MODE**.
- To choose the card used to store movies, use D **SAVE DATA SET-UP** > F **CARD SLOT SETTING**.
- Focus mode is selected using the focus mode selector; for continuous focus adjustment, select **C**, or choose **S** and enable Intelligent Face Detection. Intelligent Face Detection is not available in focus mode **M**.

Depth of Field

Choose low f-numbers to soften background details. Aperture can be adjusted when the mode dial is set to **A** (aperture-priority AE) or **M** (manual).

Viewing Movies

View movies on the camera.

In full-frame playback, movies are identified by a ⬛ icon. Press the focus stick (focus lever) down to start movie playback.

The following operations can be performed while a movie is displayed:
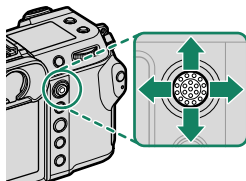
Focus stick (focus lever)	Full-frame playback	Playback in progress (▶)	Playback paused (⏸)
Up	—	End playback	
Down	Start playback	Pause playback	Start/resume playback
Left/right	View other pictures	Adjust speed	Single frame rewind/advance

Progress is shown in the display during playback.
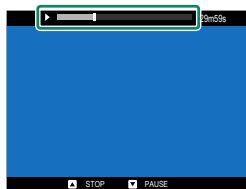
 Do not cover the speaker during playback.

 Press **MENU/OK** to pause playback and display volume controls. Press the focus stick (focus lever) up or down to adjust the volume; press **MENU/OK** again to resume playback. Volume can also be adjusted using 🔧 **SOUND SET-UP** > **PLAYBACK VOLUME**.

Menu List

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The Shooting Menus (Still Photography)

Items marked with both ◘ and ◘ icons are available in both the still photography and movie shooting menus. Changes to these items in either menu also apply to the item in the remaining menu.

IMAGE QUALITY SETTING

To display image quality settings, press **MENU/OK** in the photo shooting display and select the ◘ (**IMAGE QUALITY SETTING**) tab.

Setting	Description
IMAGE SIZE	Choose the size and aspect ratio for new photographs.
IMAGE QUALITY	Adjust JPEG compression settings or enable or disable RAW recording.
RAW RECORDING	Choose options for recording RAW images.
FILM SIMULATION	Choose a color palette and tone range.
MONOCHROMATIC COLOR	Choose a monochrome tint for photographs taken using **FILM SIMULATION** > ◘ **ACROS** and ◘ **MONOCHROME**.
GRAIN EFFECT	Add a film grain effect.
COLOR CHROME EFFECT	Increase the range of tones available for rendering colors that tend to be highly saturated, such as reds, yellows, and greens.
COLOR CHROME FX BLUE	Increase the range of tones available for rendering blues.
SMOOTH SKIN EFFECT	Smooth complexions.
DYNAMIC RANGE	Choose a dynamic range for photographs.
D RANGE PRIORITY	Reduce loss of detail in highlights and shadows for natural-looking results when photographing high-contrast scenes.
WHITE BALANCE	Match white balance to the light source, whether it be direct sunlight or artificial lighting.
TONE CURVE	With reference to a tone curve, adjust the appearance of highlights or shadows, making them harsher or softer.

Setting	Description
COLOR	Adjust color density.
SHARPNESS	Sharpen or soften outlines.
HIGH ISO NR	Reduce noise in pictures taken at high sensitivities.
CLARITY	Increase definition while altering tones in highlights and shadows as little as possible.
LONG EXPOSURE NR	Reduce mottling in long time-exposures.
LENS MODULATION OPTIMIZER	Reduce the slight loss of definition caused by diffraction at small apertures.
COLOR SPACE	Choose the gamut of colors available for color reproduction.
PIXEL MAPPING	Use this option if you notice bright spots in your pictures.
EDIT/SAVE CUSTOM SETTING	Save custom shooting menu settings.
☐ ☎ MOUNT ADAPTOR SETTING	Adjust settings for M-mount lenses connected using an optional FUJIFILM M MOUNT ADAPTER.

AF/MF SETTING

To display AF/MF settings, press **MENU/OK** in the photo shooting display and select the ▦ (**AF/MF SETTING**) tab.

Setting	Description
FOCUS AREA	Choose the focus area.
AF MODE	Choose the size of the focus area.
STORE AF MODE BY ORIENTATION	Choose whether the AF mode used when the camera is in portrait orientation is stored separately from that used when the camera is in landscape orientation.
RAPID AF	Enable or disable rapid autofocus.
LOW LIGHT PRIORITY AF-S	Choose whether to increase exposure times for improved focus when using single AF.
AF POINT DISPLAY ▣ ▢	Choose whether individual focus frames are displayed when **ZONE** or **WIDE/TRACKING** is selected for **AF MODE**.

Setting	Description
NUMBER OF FOCUS POINTS	Choose the number of focus points available for focus-point selection.
PRE-AF	Choose whether the camera continues to adjust focus even when the shutter button is not pressed halfway.
📷 🎬 AF ILLUMINATOR	Choose whether the AF-assist illuminator lights to assist autofocus.
FACE/EYE DETECTION SETTING	Choose whether the camera prioritizes human faces over background objects when setting focus and exposure.
AF+MF	Choose whether manual focus can be activated by rotating the focus ring during focus lock.
MF ASSIST	Choose how focus is displayed in manual focus mode.
FOCUS CHECK	Choose whether the display automatically zooms in on the selected focus area when the focus ring is rotated in manual focus mode.
INTERLOCK SPOT AE & FOCUS AREA	Choose whether spot metering meters the current focus frame.
📷 🎬 INSTANT AF SETTING	Choose how the camera focuses when function buttons to which features such as AF lock are assigned are pressed in manual focus mode.
📷 🎬 DEPTH-OF-FIELD SCALE	Choose a scale for depth of field.
RELEASE/FOCUS PRIORITY	Choose whether photographs can be taken by pressing the shutter button all the way down when the camera is not in focus.
📷 🎬 AF RANGE LIMITER	Limit the range of available focus distances for increased focus speed.
📷 🎬 TOUCH SCREEN MODE	Choose the shooting operations performed using touch controls.

SHOOTING SETTING

To display shooting settings, press **MENU/OK** in the photo shooting display and select the ◘ (**SHOOTING SETTING**) tab.

Setting	Description
SELF-TIMER	Choose a shutter release delay.
SAVE SELF-TIMER SETTING	Choose whether self-timer settings are reset each time the timer is used or when the camera is turned off.
SELF-TIMER LAMP	Choose whether the self-timer lamp lights during self-timer photography.
INTERVAL TIMER SHOOTING	Configure the camera to take a selected number of shots automatically at a preset interval.
INTERVAL TIMER SHOOTING EXPOSURE SMOOTHING	Choose whether exposure is automatically adjusted during interval-timer photography to prevent it changing dramatically between shots.
AE BKT SETTING	Adjust exposure bracketing settings.
FILM SIMULATION BKT	Choose the three film simulation types used for film simulation bracketing.
FOCUS BKT SETTING	Adjust settings for focus bracketing.
PHOTOMETRY	Choose how the camera meters exposure.
SHUTTER TYPE	Choose the shutter type.

Setting	Description
FLICKER REDUCTION	Choose whether to reduce flicker in pictures and the display when shooting under fluorescent lighting and other similar light sources.
ISO	Adjust the camera's sensitivity to light.
IS MODE	Choose whether to enable image stabilization.
35mm FORMAT MODE	Take pictures with an angle of view equivalent to that of a 35 mm format camera.
⬜🎥 WIRELESS COMMUNICATION	Establish wireless connections to smartphones, tablets, or other devices.

FLASH SETTING

To display flash settings, press **MENU/OK** in the photo shooting display and select the 🔆 (**FLASH SETTING**) tab.

Setting	Description
FLASH FUNCTION SETTING	Adjust such settings as flash control mode, flash level, and flash power.
RED EYE REMOVAL	Choose whether to remove red-eye effects caused by the flash.
TTL-LOCK MODE	Choose a TTL lock mode.
LED LIGHT SETTING	Choose whether to use the flash unit's LED video light (if available) as a catchlight or AF-assist illuminator when taking photos.
COMMANDER SETTING	Choose groups when using the camera flash unit as a commander for Fujifilm optical wireless remote flash control.
CH SETTING	Choose the channel used for communication between the commander and remote flash units.

The Shooting Menus (Movies)

 Items marked with both ☐ and ☎ icons are available in both the still photography and movie shooting menus. Changes to these items in either menu also apply to the item in the remaining menu.

MOVIE SETTING

To display options for movie recording, press **MENU/OK** in the movie shooting display and select the ☐ (**MOVIE SETTING**) tab.

Setting	Description
MOVIE MODE	Adjust movie recording settings.
FIX MOVIE CROP MAGNIFICATION	Choose whether to fix the movie crop ratio at 1.1:1.
FULL HD MOVIE OUTPUT	Choose how Full HD footage is recorded and whether it is output via HDMI.
HDMI OUTPUT INFO DISPLAY	Choose whether HDMI devices mirror the information in the camera display.
HDMI REC CONTROL	Choose whether the camera sends movie start and stop signals to the HDMI device when the shutter button is pressed to start and stop movie recording.
☎ PHOTOMETRY	Choose how the camera meters exposure.
☎ IS MODE	Choose whether to enable image stabilization.
☎ IS MODE BOOST	Choose the image stabilization level.
☎ ISO	Adjust the camera's sensitivity to light.
ZEBRA SETTING	Choose whether highlights that may be overexposed are shown by zebra stripes in the movie mode display.
ZEBRA LEVEL	Choose the brightness threshold for the zebra stripe display.
MOVIE OPTIMIZED CONTROL ☎ ☐	Settings can be adjusted using the command dials and touch-screen controls.
TALLY LIGHT	Choose the lamp (indicator or AF-assist) that lights during movie recording and whether the lamp blinks or remains steady.

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Setting	Description
EDIT/SAVE CUSTOM SETTING	Save custom shooting menu settings.
WIRELESS COMMUNICATION	Establish wireless connections to smartphones, tablets, or other devices.

IMAGE QUALITY SETTING

To display image quality settings, press **MENU/OK** in the movie shooting display and select the (**IMAGE QUALITY SETTING**) tab.

Setting	Description
FILM SIMULATION	Choose a film simulation effect for movie recording.
MONOCHROMATIC COLOR	Choose a monochrome tint for movies recorded using **FILM SIMULATION** > **ACROS** and **MONOCHROME**.
WHITE BALANCE	Match white balance to the light source, whether it be direct sunlight or artificial lighting.
TONE CURVE	With reference to a tone curve, adjust the appearance of highlights or shadows, making them harsher or softer.
COLOR	Adjust color density.
SHARPNESS	Sharpen or soften outlines.
HIGH ISO NR	Reduce noise in pictures taken at high sensitivities.
PERIPHERAL LIGHT CORRECTION	Choose whether to reduce vignetting when shooting movies.
MOUNT ADAPTOR SETTING	Adjust settings for M-mount lenses connected using an optional FUJIFILM M MOUNT ADAPTER.

AF/MF SETTING

To display AF/MF settings, press **MENU/OK** in the movie shooting display and select the ▒ (**AF/MF SETTING**) tab.

Setting	Description
🎥 FOCUS AREA	Choose the focus area.
🎥 AF MODE	Choose the size of the focus area.
🔲🎥 AF ILLUMINATOR	Choose whether the AF-assist illuminator lights to assist autofocus.
🎥 FACE/EYE DETECTION SETTING	Choose whether the camera prioritizes human faces over background objects when setting focus and exposure.
🎥 MF ASSIST	Choose how focus is displayed in manual focus mode.
🎥 FOCUS CHECK	Choose whether the display automatically zooms in on the selected focus area when the focus ring is rotated in manual focus mode.
🔲🎥 INSTANT AF SETTING	Choose how the camera focuses when function buttons to which features such as AF lock are assigned are pressed in manual focus mode.
🔲🎥 DEPTH-OF-FIELD SCALE	Choose a scale for depth of field.

Setting	Description
🎥🎬 **AF RANGE LIMITER**	Limit the range of available focus distances for increased focus speed.
🎥🎬 **TOUCH SCREEN MODE**	Choose the shooting operations performed using touch controls.
FOCUS CHECK LOCK	Choose whether focus zoom remains in effect once movie recording begins.

AUDIO SETTING

To display audio settings, press **MENU/OK** in the movie shooting display and select the 🔊 (**AUDIO SETTING**) tab.

Setting	Description
INTERNAL MIC LEVEL ADJUSTMENT	Adjust the recording level for the built-in microphone.
EXTERNAL MIC LEVEL ADJUSTMENT	Adjust the recording level for external microphones.
MIC JACK SETTING	Specify the type of audio device connected to the microphone jack.
MIC LEVEL LIMITER	Reduces distortion caused by input that exceeds the limits of the microphone's audio circuits.
WIND FILTER	Choose whether to enable wind noise reduction during movie recording.
LOW CUT FILTER	Choose whether to reduce low-frequency noise during movie recording.
HEADPHONES VOLUME	Adjust the headphone volume.

TIME CODE SETTING

To display time code settings, press **MENU/OK** in the movie shooting display and select the ⏱ (**TIME CODE SETTING**) tab.

Setting	Description
TIME CODE DISPLAY	Choose whether to display time codes during movie recording and playback.
START TIME SETTING	Choose the time code starting time.
COUNT UP SETTING	Choose whether time is clocked continuously or only during movie recording.
DROP FRAME	Choose whether to enable frame drop.
HDMI TIME CODE OUTPUT	Choose whether time codes are output to HDMI devices.

The Playback Menu

The playback menu is displayed when you press **MENU/OK** in playback mode.

Setting	Description
SWITCH SLOT	Choose the card from which images will be played back.
RAW CONVERSION	Copy RAW pictures in other formats.
ERASE	Delete individual pictures, multiple selected pictures, or all pictures.
SIMULTANEOUS DELETE(RAW SLOT1/JPG SLOT2)	Choose whether deleting either the RAW or JPEG copy of pictures recorded simultaneously to the memory cards Slots 1 and 2 with **RAW/JPEG** selected for 🅴 **SAVE DATA SETTING** > 🄰 **CARD SLOT SETTING** deletes the remaining copy.
CROP	Create a cropped copy of the current picture.
RESIZE	Create a small copy of the current picture.
PROTECT	Protect pictures from accidental deletion.
IMAGE ROTATE	Choose whether pictures are rotated for display during playback.
RED EYE REMOVAL	Choose whether to remove red-eye from portraits.
VOICE MEMO SETTING	Choose whether to add voice memos to photographs.
RATING	Rate pictures using stars.
COPY	Copy pictures between the cards in the first and second slots.
IMAGE TRANSFER ORDER	Select photos for upload to a smartphone or tablet.
🄰 🎥 **WIRELESS COMMUNICATION**	Establish wireless connections to smartphones, tablets, or other devices.
PHOTOBOOK ASSIST	Create books from your favorite photos.
PRINT ORDER (DPOF)	Create a digital "print order" for DPOF-compatible printers.
instax PRINTER PRINT	Print pictures on optional Fujifilm instax SHARE printers.
DISP ASPECT	Choose the aspect ratio for pictures displayed on a TV.

Menu List

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The Setup Menus

USER SETTING

To access basic camera settings, press **MENU/OK**, select the **⚙** (**SET UP**) tab, and choose **USER SETTING**.

Setting	Description
FORMAT	Format memory cards.
DATE/TIME	Set the camera clock.
TIME DIFFERENCE	Switch between your home time zone and the time zone in your current location.
🌐 言語/LANG.	Choose a language.
📷 MY MENU SETTING	Edit the items listed in the **M** (**MY MENU**) tab, a personalized custom menu of frequently-used photo menu options.
🎥 MY MENU SETTING	Edit the items listed in the **M** (**MY MENU**) tab, a personalized custom menu of frequently-used movie menu options.
SENSOR CLEANING	Remove dust from the camera image sensor.
BATTERY AGE	Check battery age.
RESET	Reset shooting or setup menu options to default values.
REGULATORY	View electronic copies of the product model number and other certificates.

SOUND SET-UP

To access sound settings, press **MENU/OK**, select the **⚙** (**SET UP**) tab, and choose **SOUND SET-UP**.

Setting	Description
AF BEEP VOL.	Choose the volume of the beep that sounds when the camera focuses.
SELF-TIMER BEEP VOL.	Choose the volume of the beep that sounds while the self-timer is active.

Setting	Description
OPERATION VOL.	Adjust the volume of the sounds produced when camera controls are operated.
SHUTTER VOLUME	Adjust the volume of the sounds produced by the electronic shutter.
SHUTTER SOUND	Choose the sound made by the electronic shutter.
PLAYBACK VOLUME	Adjust the volume for movie playback.

SCREEN SET-UP

To access display settings, press **MENU/OK**, select the D (**SET UP**) tab, and choose **SCREEN SET-UP**.

Setting	Description
EVF BRIGHTNESS	Adjust the brightness of the display in the electronic viewfinder.
EVF COLOR	Adjust the saturation of the display in the electronic viewfinder.
EVF COLOR ADJUSTMENT	Adjust the color of the display in the electronic viewfinder.
LCD BRIGHTNESS	Adjust monitor brightness.
LCD COLOR	Adjust monitor saturation.
LCD COLOR ADJUSTMENT	Adjust the color of the display in the LCD monitor.
IMAGE DISP.	Choose how long images are displayed after shooting.
AUTOROTATE DISPLAYS	Choose whether the indicators in the viewfinder (EVF) and LCD monitor rotate to match camera orientation.
PREVIEW EXP./WB IN MANUAL MODE	Choose whether to enable exposure and/or white balance preview.
NATURAL LIVE VIEW	Choose whether the effects of settings are visible in the monitor.
FRAMING GUIDELINE	Choose a framing grid for shooting mode.
AUTOROTATE PB	Choose whether to automatically rotate "tall" (portrait-orientation) pictures during playback.
PLAYBACK MAGNIFICATION	Choose the zoom ratio for playback zoom.

Setting	Description
FOCUS SCALE UNITS	Choose the units used for the focus distance indicator.
DUAL DISPLAY SETTING	Choose the content of the two windows in the dual display.
DISP. CUSTOM SETTING	Choose the items shown in the standard indicator display.
LARGE INDICATORS MODE(EVF)	Choose whether to display large indicators in the viewfinder (EVF).
LARGE INDICATORS MODE(LCD)	Choose whether to display large indicators in the LCD monitor.
LARGE INDICATORS DISP. SETTING	Choose the indicators displayed when **ON** is selected for **LARGE INDICATORS MODE(EVF)** or **LARGE INDICATORS MODE(LCD)**.
INFORMATION CONTRAST ADJ.	Adjust display contrast.
SUB MONITOR SETTING	Choose the indicators displayed in the secondary LCD monitor.
SUB MONITOR BACKGROUND COLOR	Choose a background color for the secondary LCD monitor.
☐ Q MENU BACKGROUND	Choose a background for the quick menu for use when taking photographs.
🎬 Q MENU BACKGROUND	Choose a background for the quick menu for use when taking filming movies.

BUTTON/DIAL SETTING

To access control options, press **MENU/OK**, select the **🛠** (**SET UP**) tab, and choose **BUTTON/DIAL SETTING**.

Setting	Description
FOCUS LEVER SETTING	Choose the functions performed by the focus stick (focus lever).
☐ EDIT/SAVE QUICK MENU	Choose the items displayed in the quick menu during still photography.
🎬 EDIT/SAVE QUICK MENU	Choose the items displayed in the quick menu when filming movies.

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Setting	Description
FUNCTION (Fn) SETTING	Choose the roles played by the function buttons.
COMMAND DIAL SETTING	Choose the roles played by the command dials.
COMMAND DIAL DIRECTION	Choose whether to reverse command dial rotation for use when adjusting settings.
SHUTTER AF	Choose whether the camera focuses when the shutter button is pressed halfway.
SHUTTER AE	Choose whether exposure locks (AE lock) while the shutter button is pressed halfway.
SHOOT WITHOUT LENS	Choose whether the shutter-release is enabled when no lens is attached.
SHOOT WITHOUT CARD	Choose whether the shutter can be released without a memory card inserted in the camera.
FOCUS RING	Choose the direction in which the focus ring is rotated to increase the focus distance.
FOCUS RING OPERATION	Choose how the camera adjusts focus in response to the movement of the focus ring.
AE/AF-LOCK MODE	Choose the role of the button to which exposure and/or focus lock is assigned.
AWB-LOCK MODE	Choose the behavior of function buttons assigned auto white balance (AWB) lock.
EXPO. COMP. BUTTON SETTING	Choose the role assigned to the function button normally used for exposure compensation.
TOUCH SCREEN SETTING	Choose whether to enable touch controls in the LCD monitor.
LOCK	Lock camera controls to prevent unintended operation.

POWER MANAGEMENT

To access power management settings, press **MENU/OK**, select the
D (**SET UP**) tab, and choose **POWER MANAGEMENT**.

Setting	Description
AUTO POWER OFF	Choose whether the camera turns off automatically when no operations are performed.
SHOOTING STAND BY MODE	Choose the delay before the camera enters shooting standby mode. To exit shooting standby mode, press the **MENU/OK** button or another control.
AUTO POWER SAVE	Adjust settings for power saving mode.
AUTO POWER OFF TEMP.	Choose the temperature at which the camera turns off automatically when its temperature rises.

SAVE DATA SET-UP

To access file management settings, press **MENU/OK**, select the
D (**SET UP**) tab, and choose **SAVE DATA SET-UP**.

Setting	Description
FRAME NO.	Choose whether file numbering is reset when a new memory card is inserted.
SAVE ORG IMAGE	Choose whether to save unprocessed copies of pictures taken using red eye removal.
EDIT FILE NAME	Change the file name prefix.
CARD SLOT SETTING	Choose the roles played by the cards in Slot 1 and Slot 2 during still photography.
CARD SLOT SETTING	Choose the roles played by the cards in Slot 1 and Slot 2 during movie recording.
SELECT SLOT (SEQUENTIAL)	Choose the card that is recorded to first when **SEQUENTIAL** is selected for **CARD SLOT SETTING**.
SELECT SLOT (SEQUENTIAL)	Choose the card that is recorded to first when **SEQUENTIAL** is selected for **CARD SLOT SETTING**.

Menu List

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Setting	Description
SELECT FOLDER	Create folders and choose the folder used to store subsequent pictures.
COPYRIGHT INFO	Choose whether to add copyright information, in the form of Exif tags, to new images as they are taken.

CONNECTION SETTING

To access connection settings, press **MENU/OK**, select the **D** (**SET UP**) tab, and choose **CONNECTION SETTING**.

Setting	Description
Bluetooth SETTINGS	Adjust Bluetooth settings.
NETWORK SETTING	Adjust settings for connection to wireless networks.
instax PRINTER CONNECTION SETTING	Adjust settings for connection to optional Fujifilm instax SHARE printers.
CONNECTION MODE	Adjust settings for connection to external devices.
USB POWER SUPPLY SETTING	Choose whether power is supplied to the camera when it is connected to a computer or other device via a USB cable.
GENERAL SETTINGS	Adjust settings for connection to wireless networks.
INFORMATION	View the camera's MAC, Bluetooth, and wireless network IP addresses.
RESET WIRELESS SETTING	Restore wireless settings to their default values.

Connections

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HDMI Output

Camera shooting and playback displays can be output to HDMI devices.

Connecting to HDMI Devices

Connect the camera to TVs or other HDMI devices using a third-party HDMI cable.

1 Turn the camera off.

2 Connect the cable as shown below.

Insert into HDMI connector

Insert into HDMI Micro connector (Type D)
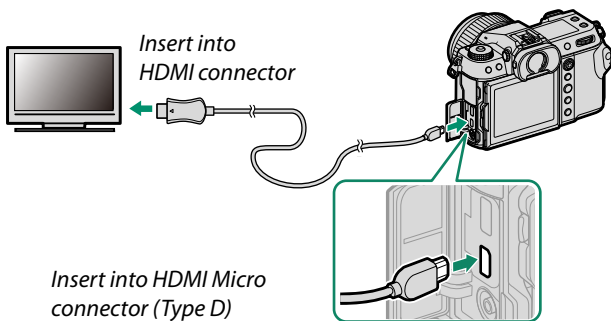
3 Configure the device for HDMI input as described in the documentation supplied with the device.

4 Turn the camera on. The contents of the camera display will be shown on the HDMI device. The camera display turns off in playback mode (📖 105).

⚠ • Making sure the connectors are fully inserted.
  • Use an HDMI cable no more than 1.5 m (4.9 ft.) long.

Shooting

Display Full HD live view or movie footage on a TV or save it to an external recorder.

Playback

To start playback, press the camera ▶ button. The camera monitor turns off and pictures and movies are output to the HDMI device. Note that the camera volume controls have no effect on sounds played on the TV; use the television volume controls to adjust the volume.

❖ Some televisions may briefly display a black screen when movie playback begins.

Wireless Connections (Bluetooth®, Wireless LAN/Wi-Fi)

Access wireless networks and connect to computers, smartphones, or tablets. For more information, visit: *http://fujifilm-dsc.com/wifi/*

Smartphones and Tablets: FUJIFILM Camera Remote

Connect to the camera via Bluetooth or wireless LAN.

To establish a wireless connection to the camera, you will need to install the latest version of the FUJIFILM Camera Remote app on your smartphone or tablet.

FUJIFILM Camera Remote

Once a connection has been established, you can use FUJIFILM Camera Remote to:
- Control the camera and take pictures remotely
- Receive pictures uploaded from the camera
- Browse the pictures on the camera and download selected pictures
- Upload location data to the camera
- Release the camera shutter
- Update camera firmware

For downloads and other information, visit:
http://app.fujifilm-dsc.com/en/camera_remote/

SmartPhones and Tablets: Bluetooth® Pairing

Use **D CONNECTION SETTING** > **Bluetooth SETTINGS** > **PAIRING REGISTRATION** to pair the camera with smartphones or tablets. Pairing offers a simple method for downloading photos from the camera.

- Photos are downloaded via a wireless connection.
- Once pairing is complete, you will be able to synchronize the camera clock and location data with the smartphone or tablet.
- You can choose a connection from up to 7 paired smartphones or tablets.

Smartphones and Tablets: Wireless LAN

Establish wireless LAN connections to smartphones or tablets using **WIRELESS COMMUNICATION** in the **D SHOOTING SETTING**, **MOVIE SETTING**, or **PLAY BACK MENU**.

Connections

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Tethered Shooting: Capture One Pro Fujifilm/ Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX/FUJIFILM X Acquire

• Before proceeding, adjust settings using **CONNECTION SETTING** > **NETWORK SETTING** and then select **WIRELESS TETHER SHOOTING FIXED** for **CONNECTION SETTING** > **CONNECTION MODE** (📖 102).

CONNECTION SETTING
USB CARD READER
USB TETHER SHOOTING AUTO
USB TETHER SHOOTING FIXED
WIRELESS TETHER SHOOTING FIXED
USB RAW CONV./BACKUP RESTORE

• Tethered shooting can be performed using software such as Capture One Pro Fujifilm, Adobe® Photoshop® Lightroom® Classic CC, and FUJIFILM X Acquire. If you use Adobe® Photoshop® Lightroom® Classic CC, download FUJIFILM Tether Shooting Plug-in PRO for GFX from the Adobe Exchange website. FUJIFILM Tether Shooting Plug-in PRO for GFX is available free of charge.
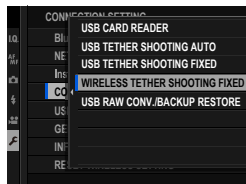
 • For more information, visit the following website:
   http://app.fujifilm-dsc.com/en/#tether
 • For information on FUJIFILM Tether Shooting Plug-in PRO for GFX and FUJIFILM X Acquire, visit the following website:
   https://fujifilm-x.com/products/software/

Connecting via USB

The camera can be connected to computers and smartphones via USB.

N Before downloading pictures or taking pictures remotely, connect the camera to a computer and check that it functions normally.

1 Turn the computer on.

2 Adjust settings according to how the camera will be used.
  - "Tethered Shooting: Capture One Pro Fujifilm/Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX/FUJIFILM X Acquire" (P 112)
  - "Copying Pictures from a Memory Card to a Computer" (P 113)
  - "Using Your Camera as a Webcam (FUJIFILM X Webcam)" (P 113)
  - "Converting RAW Images: FUJIFILM X RAW STUDIO" (P 114)
  - "Backing up and Restoring Camera Settings (FUJIFILM X Acquire)" (P 114)
  - "Pixel Shift Multishot"

3 Turn the camera off.

4 Connect a USB cable.
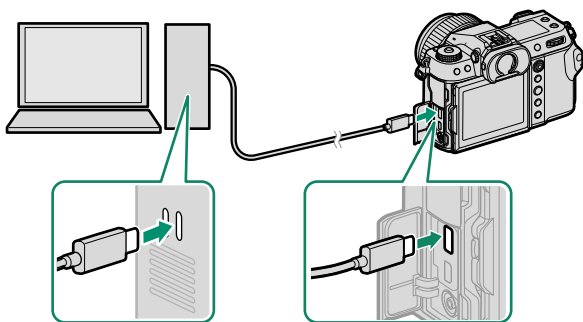
USB connector (Type-C)

Q The USB cable must be no more than 1.5 m (4.9 ft.) long and be suitable for data transfer.

5 Turn the camera on.

6 Choose an application according to the task at hand.

- **Tethered shooting**: During tethered shooting, you can copy pictures using tethered shooting software such as the Capture One Pro Fujifilm/Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX/ FUJIFILM X Acquire.
- **Image transfer**: Use applications provided with your operating system.
- **Using your camera as a webcam:** Launch FUJIFILM X Webcam.
- **RAW conversion**: Process RAW images using FUJIFILM X RAW STUDIO. The power of the camera's image processing engine is used for rapid processing.
- **Saving and loading camera settings**: Use FUJIFILM X Acquire to save or load camera settings. Save your preferred settings to a file in a single operation and copy them to multiple cameras.
- **Pixel Shift Multishot**: Pixel-shift multi-shot photography can be performed via tethered shooting. For this purpose, use FUJIFILM Pixel Shift Combiner.

🚫 • Turn the camera off before disconnecting the USB cable.
 • When connecting USB cables, be sure the connectors are fully inserted in the correct orientation. Connect the camera directly to the computer; do not use a USB hub or keyboard.
 • Loss of power during transfer could result in loss of data or damage to the memory card. Insert a fresh or fully-charged battery before connecting the camera.
 • If a memory card containing a large number of images is inserted, there may be a delay before the software starts and you may be unable to import or save images. Use a memory card reader to transfer pictures.
 • Make sure that the indicator lamp is off or lit green before turning the camera off.
 • Do not disconnect the USB cable while transfer is in progress. Failure to observe this precaution could result in loss of data or damage to the memory card.
 • Disconnect the camera before inserting or removing memory cards.
 • In some cases, it may not be possible to access pictures saved to a network server using the software in the same way as on a stand-alone computer.
 • Do not immediately remove the camera from the system or disconnect the USB cable once the message stating that copying is in progress clears from the computer display. If the number of images copied is very large, data transfer may continue after the message has ceased to be displayed.
 • The user bears all applicable fees charged by the phone company or Internet service provider when using services that require an Internet connection.

Tethered Shooting: Capture One Pro Fujifilm/ Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX/ FUJIFILM X Acquire/FUJIFILM Pixel Shift Combiner

- Before proceeding, select **USB TETHER SHOOTING AUTO** for **D CONNECTION SETTING** > **CONNECTION MODE** in the camera menus.

- Capture One Pro Fujifilm, Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX, FUJIFILM X Acquire, and FUJIFILM Pixel Shift Combiner can be used for tethered shooting.
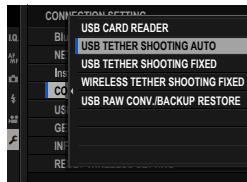
N • Choose **USB TETHER SHOOTING FIXED** if the camera will be used solely for tethered shooting. Note that if the USB cable is disconnected, the camera will continue to function in tethered mode and pictures will not be saved to the camera memory card.
  - For more information, visit the following website:
    http://app.fujifilm-dsc.com/en/#tether
  - For information on Capture One Pro Fujifilm, Adobe® Photoshop® Lightroom® Classic CC + FUJIFILM Tether Shooting Plug-in PRO for GFX, FUJIFILM X Acquire, and FUJIFILM Pixel Shift Combiner, visit the following website:
    https://fujifilm-x.com/products/software/

Copying Pictures from a Memory Card to a Computer

- Before copying pictures to a computer, select **USB CARD READER** for D **CONNECTION SETTING** > **CONNECTION MODE**.
- The software that can be used to copy pictures varies with your computer operating system.
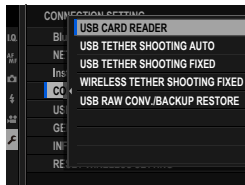
Mac OS X/macOS

Pictures can be copied to your computer using Image Capture (supplied with your computer) or other software.

⚠ Use a card reader to copy files over 4 GB in size.

Windows

Pictures can be copied to your computer using applications supplied with the operating system.

Using Your Camera as a Webcam (FUJIFILM X Webcam)

- Before proceeding, select **USB TETHER SHOOTING AUTO** for D **CONNECTION SETTING** > **CONNECTION MODE** in the camera menus.
- Launch FUJIFILM X Webcam.
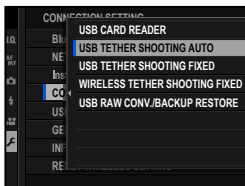
⬧ For information on FUJIFILM X Webcam, visit the following website: *https://fujifilm-x.com/products/software/*

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Converting RAW Images: FUJIFILM X RAW STUDIO

- Before proceeding, select **USB RAW CONV./ BACKUP RESTORE** for D **CONNECTION SETTING** > **CONNECTION MODE** in the camera menus.
- FUJIFILM X RAW STUDIO can be used to convert RAW images to JPEG or TIFF images.

CONNECTION SETTING
USB CARD READER
USB TETHER SHOOTING AUTO
USB TETHER SHOOTING FIXED
WIRELESS TETHER SHOOTING FIXED
USB RAW CONV./BACKUP RESTORE
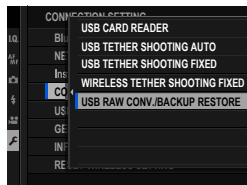
 For information on FUJIFILM X RAW STUDIO, visit the following website: *https://fujifilm-x.com/products/software/x-raw-studio/*

Backing up and Restoring Camera Settings (FUJIFILM X Acquire)

- Before proceeding, select **USB RAW CONV./ BACKUP RESTORE** for D **CONNECTION SETTING** > **CONNECTION MODE** in the camera menus.
- FUJIFILM X Acquire can be used to backup and restore camera settings.

CONNECTION SETTING
USB CARD READER
USB TETHER SHOOTING AUTO
USB TETHER SHOOTING FIXED
WIRELESS TETHER SHOOTING FIXED
USB RAW CONV./BACKUP RESTORE
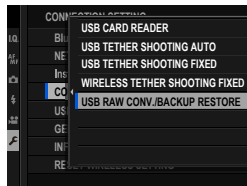
 For information on FUJIFILM X Acquire, visit the following website: *https://fujifilm-x.com/products/software/x-acquire/*

Connecting to Smartphones

To copy pictures to a smartphone, select **OFF** for D **CONNECTION SETTING** > **USB POWER SUPPLY SETTING** and connect the camera to the phone using a USB cable.

For Customers Using Android Devices

How you will connect the camera depends on the type of USB connector with which your smartphone is equipped.

Type-C
Use the supplied USB cable.

Supplied USB cable

Type-C connector (male)   *Type-C connector (male)*
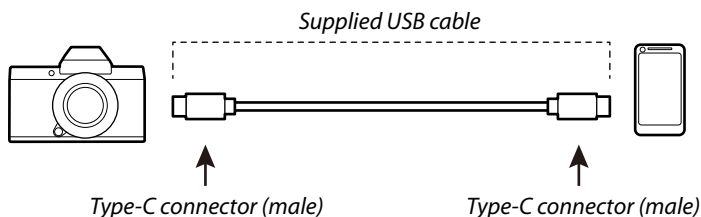
Micro-B
Use a USB on-the-go (OTG) cable.

Third-party USB cable   *USB OTG cable*

Type-C connector (male)   *Micro-B connector (male)*

Type-A connector (male)   *Type-A connector (female)*
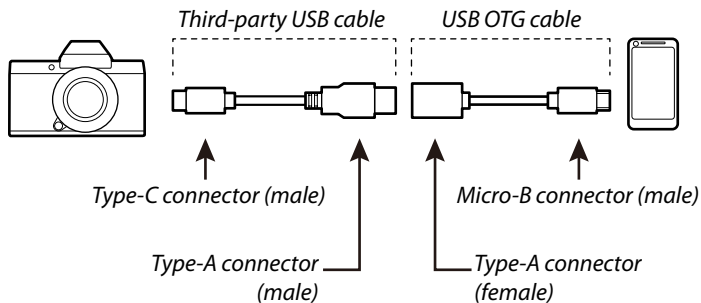
- The smartphone must support USB OTG.
- The desired results cannot be achieved with a USB Type-C–to–Mirco-B cable. Use an OTG cable.

1 Set the camera's B **CONNECTION SETTING** > **USB POWER SUPPLY SETTING** to **OFF**.

2 Connect the camera and smartphone using a USB cable.

   N If the smartphone asks for permission for an application other than the "Camera Importer" to access the camera, tap "Cancel" and move on to the next step.

3 On your smartphone, tap the notification "Connected to USB PTP".

4 From the recommended applications, select "Camera Importer".
   The app will automatically start and allow you to import photos and movies to your smartphone.

   N If the message "There is no MTP device connected" appears on the app, please try again from step 2.

For Customers Using iOS

Use a camera adapter. Given that the camera is equipped with a USB Type-C connector, you will need to supply a cable with a USB Type-A connector for connection to the camera adapter.
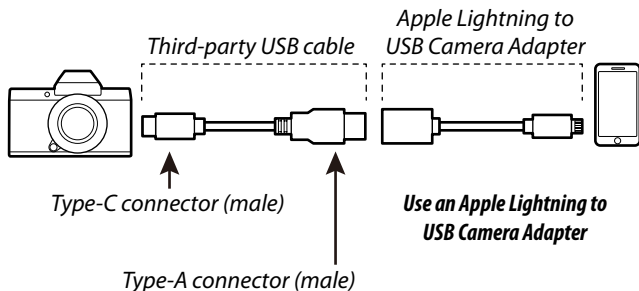
Third-party USB cable

Apple Lightning to USB Camera Adapter

Type-C connector (male)

Use an Apple Lightning to USB Camera Adapter

Type-A connector (male)

1 Set the camera's D **CONNECTION SETTING** > **USB POWER SUPPLY SETTING** to **OFF**.

2 Connect the camera and smartphone using a USB cable. Launch the Photos app to import photos and movies to your smartphone.

- A Type-C to Type-C USB cable is required for connection to iPad Pro and iPad Air devices equipped with USB Type-C connectors.
  - The desired results cannot be achieved with a USB Type-C–to–Lightning cable. Use a camera adapter.

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instax SHARE Printers

Print pictures from your digital camera to instax SHARE printers.

Establishing a Connection

Select D **CONNECTION SETTING** > **instax PRINTER CONNECTION SETTING** and enter the instax SHARE printer name (SSID) and password.

The Printer Name (SSID) and Password

The printer name (SSID) can be found on the bottom of the printer; the default password is "1111". If you have already chosen a different password to print from a smartphone, enter that password instead.
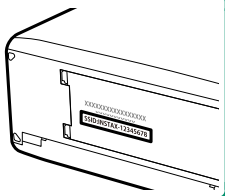
Printing Pictures

1. Turn the printer on.

2. Select **▣ PLAY BACK MENU** > **instax PRINTER PRINT**. The camera will connect to the printer.

   instax PRINTER PRINT
   instax-12345678
   CONNECTING
   FUJIFILM-CAMERA-1234
   BACK CANCEL
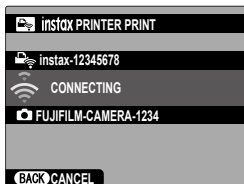
3. Use the focus stick (focus lever) to display the picture you want to print, then press **MENU/OK**.

   instax PRINTER PRINT
   100-0020
   OK SET   BACK CANCEL
   instax-12345678

   - Pictures taken with other cameras cannot be printed.
     - The area printed is smaller than the area visible in the LCD monitor.
     - The displays may vary depending on the printer connected.

4. The picture will be sent to the printer and printing will start.

MEMO

Notices 7

For Your Safety

IMPORTANT SAFETY INSTRUCTIONS

- *Read Instructions*: All the safety and operating instructions should be read before the appliance is operated.
- *Retain Instructions*: The safety and operating instructions should be retained for future reference.
- *Heed Warnings*: All warnings on the appliance and in the operating instructions should be adhered to.
- *Follow Instructions*: All operating and use instructions should be followed.

Installation

Power Sources: This video product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.

Grounding or Polarization: This video product is equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

Alternate Warnings: This video product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

Overloading: Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

Ventilation: Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the video product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface.

This video product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. This video product should never be placed near or over a radiator or heat register.

Attachments: Do not use attachments not recommended by the video product manufacturer as they may cause hazards.

Water and Moisture: Do not use this video product near water—for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

Power-Cord Protection: Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

Accessories: Do not place this video product on an unstable cart, stand, tripod, bracket, or table. The video product may fall, causing serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the video product. Any mounting of the appliance should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

Antennas

Outdoor Antenna Grounding: If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

Ground Clamp

Antenna Lead in Wire

Antenna Discharge Unit (NEC SECTION 810-20)

Electric Service Equipment

Ground Clamp

Power Service Grounding Electrode System (NEC ART 250. PART H)

Grounding Conductors (NEC SECTION 810-21)
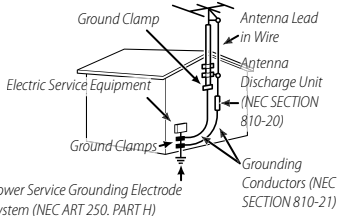
Power Lines: An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Cleaning: Unplug this video product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Object and Liquid Entry: Never push objects of any kind into this video product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the video product.

Lightning: For added protection for this video product receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.

Service

Servicing: Do not attempt to service this video product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Damage Requiring Service: Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
- When the power-supply cord or plug is damaged
- If liquid has been spilled, or objects have fallen into the video product.
- If the video product has been exposed to rain or water.
- If the video product has been dropped or the cabinet has been damaged.

If the video product does not operate normally follow the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the video product to its normal operation.

When the video product exhibits a distinct change in performance — this indicates a need for service.

Replacement Parts: When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.

Safety Check: Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine that the video product is in proper operating condition.

Be sure to read these notes before use

Safety Notes

- Make sure that you use your camera correctly. Read these safety notes and your *Basic 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").

The symbols on the product (including the accesories) represent the following:

∼	AC
⎓	DC
▣	Class II equipment (The construction of the product is double-insulated.)

⚠ WARNING

| 🔌 *Unplug from power socket* | **If a problem arises, turn the camera off, remove the battery, disconnect the USB cable, and unplug the AC power adapter.** Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock. Contact your Fujifilm dealer. |
| 🚫 | **Do not allow water or foreign objects to enter the camera or connecting cables.** Do not use the camera or connecting cables following ingress of fresh or salt water, milk, beverages, detergents, or other liquids. Should liquid find its way into the camera and connecting cables, turn the camera off, remove the battery, disconnect the USB cable, and disconnect and unplug the AC adapter. Continued use of the camera can cause a fire or electric shock. Contact your Fujifilm dealer. |

Notices

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⚠ **WARNING**	⚠ **WARNING**

<table>
<tr><td>🚫
Do not use in the bathroom or shower</td><td>**Do not use the camera in the bathroom or shower.** This can cause a fire or electric shock.</td></tr>
<tr><td>🚫
Do not disassemble</td><td>**Never attempt to change or take apart the camera (never open the case).** Failure to observe this precaution can cause fire or electric shock.</td></tr>
<tr><td>🚫
Do not touch internal parts</td><td>**Should the case break open as the result of a fall or other accident, do not touch the exposed parts.** Failure to observe this precaution could result in electric shock or in injury from touching the damaged parts. Remove the battery immediately, taking care to avoid injury or electric shock, and take the product to the point of purchase for consultation.</td></tr>
<tr><td>🚫</td><td>**Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.** These actions could damage the cord and cause a fire or electric shock. If the cord is damaged, contact your Fujifilm dealer. Do not use cables with bent connectors.</td></tr>
<tr><td>🚫</td><td>**Do not place the camera on an unstable surface.** This can cause the camera to fall or tip over and cause injury.</td></tr>
<tr><td>🚫</td><td>**Never attempt to take pictures while in motion.** Do not use the camera while walking or driving. This can result in you falling down or being involved in a traffic accident.</td></tr>
<tr><td>🚫</td><td>**Do not touch any metal parts of the camera during a thunderstorm.** This can cause an electric shock due to induced current from the lightning discharge.</td></tr>
<tr><td>🚫</td><td>**Do not use the battery except as specified.** Load the battery as shown by the indicator.</td></tr>
<tr><td>🚫</td><td>**Do not disassemble, modify, or heat batteries. Do not drop, strike, or throw batteries or otherwise subject them to strong impacts. Do not use batteries that show signs of leaking, deformation, discoloration, or other abnormalities. Use only designated chargers to recharge rechargeable batteries and do not attempt to recharge non-rechargeable Li-ion or alkaline batteries. Do not short batteries or store them with metallic objects.** Failure to observe these precautions could result in the batteries overheating, igniting, rupturing, or leaking, causing fire, burns, or other injury.</td></tr>
<tr><td>🚫</td><td>**Use only batteries or AC power adapters specified for use with this camera. Do not use voltages other than the power supply voltage shown.** The use of other power sources can cause a fire.</td></tr>
</table>

<table>
<tr><td>🚫</td><td>**If the battery leaks and fluid gets in contact with your eyes, skin or clothing, flush the affected area with clean water and seek medical attention or call an emergency number right away.**</td></tr>
<tr><td>🚫</td><td>**Do not use the charger to charge batteries other than those specified here.** The supplied charger is for use only with batteries of the type supplied with the camera. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak, overheat or burst.</td></tr>
<tr><td>🚫</td><td>**Using a flash too close to a person's eyes may cause visual impairment.** Take particular care when photographing infants and young children.</td></tr>
<tr><td>🚫</td><td>**Do not remain in prolonged contact with hot surfaces. Do not leave one part of the body in contact with the product for prolonged periods while the product is on.** Failure to observe this precaution could result in low-temperature burns, particularly during prolonged use, at high ambient temperatures, when **HIGH** is selected for **AUTO POWER OFF TEMP.**, or with users who suffer from poor circulation or reduced sensation, in which case use of a tripod or similar precautions are recommended.</td></tr>
<tr><td>❗</td><td>**Do not use in the presence of flammable objects, explosive gases, or dust.**</td></tr>
<tr><td>❗</td><td>**When carrying the battery, install it in a digital camera or keep it in the hard case. When storing the battery, keep it in the hard case. When discarding, cover the battery terminals with insulation tape.** Contact with other metallic objects or batteries could cause the battery to ignite or burst.</td></tr>
<tr><td>❗</td><td>**Keep memory cards, hot shoes, and other small parts out of the reach of small children.** Children may swallow small parts; keep out of reach of children. Should a child swallow a small part, seek medical attention or call an emergency.</td></tr>
<tr><td>❗</td><td>**Keep out of reach of small children.** Among the elements that could cause injury are the strap, which could become entangled about a child's neck, causing strangulation, and the flash, which could cause visual impairment.</td></tr>
<tr><td>❗</td><td>**Follow the directions of airline and hospital personnel.** This product generates radio-frequency emissions that could interfere with navigational or medical equipment.</td></tr>
</table>

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⚠ **CAUTION**
🚫	***Do not use this camera in locations affected by oil fumes, steam, humidity or dust.*** This can cause a fire or electric shock.
🚫	***Do not leave this camera in places subject to extremely high temperatures.*** Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.
🚫	***Do not place heavy objects on the camera.*** This can cause the heavy object to tip over or fall and cause injury.
🚫	***Do not move the camera while the AC power adapter is still connected.*** Do not pull on the connection cord to disconnect the AC power adapter. This can damage the power cord or cables and cause a fire or electric shock.
🚫	***Do not cover or wrap the camera or the AC power adapter in a cloth or blanket.*** This can cause heat to build up and distort the casing or cause a fire.
❗	***Do not use the plug if it is damaged or if it does not fit securely into the outlet.*** Failure to observe this precaution could result in fire or electric shock.
❗	***When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the battery and disconnect and unplug the AC power adapter.*** Failure to do so can cause a fire or electric shock.
🔌	***When charging ends, unplug the charger from the power socket.*** Leaving the charger plugged into the power socket can cause a fire.
❗	***When a memory card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.*** Injury could result to those struck by the ejected card.
⚠	***Request regular internal testing and cleaning for your camera.*** Build-up of dust in your camera can cause a fire or electric shock. Contact your Fujifilm dealer to request internal cleaning every two years. Please note that this service is not free of charge.
⚠	***Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.***
⚠	***Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.***

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Note: *Check the type of battery used in your camera and read the appropriate sections.*

⚠ **WARNING**: *Battery shall not be exposed to excessive heat such as sunshine, fire or the like.*

The following describes the proper use of batteries and how to prolong their life. Incorrect use can shorten battery life or cause leakage, overheating, fire, or explosion.

Li-ion Batteries

Read this section if your camera uses a rechargeable Li-ion battery.

The battery is not charged at shipment. Charge the battery before use. Keep the battery in its case when not in use.

◼ Notes on the Battery

The battery gradually loses its charge when not in use. Charge the battery one or two days before use.

Battery life can be extended by turning the camera off when not in use.

Battery capacity decreases at low temperatures; a depleted battery may not function when cold. Keep a fully charged spare battery in a warm place and exchange as necessary, or keep the battery in your pocket or other warm place and insert it in the camera only when required. Do not place the battery in direct contact with hand warmers or other heating devices.

◼ Charging the Battery

The battery can be charged using the camera and supplied AC adapter or an optional BC-W235 dual battery charger. Charging times will increase at ambient temperatures below +10 ℃ (+50 ℉) or above +35 ℃ (+95 ℉). Do not attempt to charge the battery at temperatures above +40 ℃ (+104 ℉); at temperatures below +5 ℃ (+41 ℉), the battery will not charge.

Do not attempt to recharge a fully charged battery. The battery does not however need to be fully discharged before charging.

The battery may be warm to the touch immediately after charging or use. This is normal.

◼ Battery Life

A noticeable decrease in the length of time the battery will hold a charge indicates that it has reached the end of its service life and should be replaced.

If the battery is left for long periods without charging, you may find that its quality degrades or that it no longer holds a charge. Charge the battery regularly.

◼ Storage

If the camera will not be used for an extended period, store it at room temperature with the battery charged to approximately one half to ⅔ capacity.

If the camera will not be used for an extended period, remove the battery and store it in a dry place with an ambient temperature of from +15 ℃ to +25 ℃ (+59 ℉ to +77 ℉). Do not store in locations exposed to extremes of temperature.

◼ Cautions: Handling the Battery

- Do not transport or store with metal objects such as necklaces or hairpins.
- Do not expose to flame or heat.
- Do not disassemble or modify.
- Do not expose to low atmospheric pressures.
- Use with designated chargers only.
- Dispose of used batteries promptly.
- Do not drop or subject to strong physical shocks.
- Do not expose to water.
- Keep the terminals clean.
- The battery and camera body may become warm to the touch after extended use. This is normal.

◼ Caution: Disposal

Dispose of used batteries in accord with local regulations. Attention should be drawn to the environmental aspects of battery disposal. Use the apparatus under moderate climate.

Do not mechanically crush or split batteries.

AC Power Adapters

- The AC power adapter is for indoor use only.
- Be sure the cable is securely connected to the camera.
- Turn the camera off before disconnecting the adapter. Disconnect the adapter by the plug, not the cable.
- Do not disassemble.
- Do not expose to high heat and humidity.
- Do not subject to strong physical shocks.
- The adapter may hum or become hot to the touch during use. This is normal.
- If the adapter causes radio interference, reorient or relocate the receiving antenna.

Using the Camera

- Do not aim the camera at extremely bright light sources, including artificial light sources or natural light sources such as the sun in a cloudless sky. Failure to observe this precaution could damage the camera image sensor.
- Strong sunlight focused through the viewfinder may damage the panel of electronic viewfinder (EVF). Do not aim the electronic viewfinder at the sun.

Take Test Shots

Before taking photographs on important occasions (such as at weddings or before taking the camera on a trip), take a test shot and view the results to ensure that the camera is functioning normally. FUJIFILM Corporation cannot accept liability for damages or lost profits incurred as a result of product malfunction.

Notes on Copyright

Unless intended solely for personal use, images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner. Note that some restrictions apply to the photographing of stage performances, entertainments, and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of memory cards containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

Handling

To ensure that images are recorded correctly, do not subject the camera to impact or physical shocks while images are being recorded.

Liquid Crystal

In the event that the display is damaged, care should be taken to avoid contact with liquid crystal. Take the urgent action indicated should any of the following situations arise:

- **If liquid crystal comes in contact with your skin**, clean the area with a cloth and then wash thoroughly with soap and running water.
- **If liquid crystal enters your eyes**, flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- **If liquid crystal is swallowed**, rinse your mouth thoroughly with water. Drink large quantities of water and induce vomiting, then seek medical assistance.

Although the display is manufactured using extremely high-precision technology, it may contain pixels that are always lit or that do not light. This is not a malfunction, and images recorded with the product are unaffected.

Trademark Information

Digital Split Image is a trademark or registered trademark of FUJIFILM Corporation. Digital Micro Prism is a trademark or registered trademark of FUJIFILM Corporation. The typefaces included herein are solely developed by DynaComware Taiwan Inc. Android is a trademark or registered trademark of Google LLC. Adobe, the Adobe logo, Photoshop, and Lightroom are trademarks or registered trademarks of Adobe Systems Incorporated in the U.S.A. and other countries. Wi-Fi® and Wi-Fi Protected Setup® are registered trademarks of the Wi-Fi Alliance. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc., and any use of such marks by Fujifilm is under license. The SDHC and SDXC logos are trademarks of SD-3C, LLC. The HDMI logo is a trademark or registered trademark of HDMI Licensing LLC. All other trade names mentioned in this manual are the trademarks or registered trademarks of their respective owners.

Electrical Interference

This camera may interfere with hospital or aviation equipment. Consult with hospital or airline staff before using the camera in a hospital or on an aircraft.

Color Television Systems

NTSC (National Television System Committee) is a color television telecasting specification adopted mainly in the U.S.A., Canada, and Japan. PAL (Phase Alternation by Line) is a color television system adopted mainly in European countries and China.

Exif Print (Exif Version 2.32)

Exif Print is a newly revised digital camera file format in which information stored with photographs is used for optimal color reproduction during printing.

IMPORTANT NOTICE: Read Before Using the Software

Direct or indirect export, in whole or in part, of licensed software without the permission of the applicable governing bodies is prohibited.

Lenses and Other Accessories

- Use a screw 4.5 mm or shorter when attaching a tripod.
- Fujifilm will not be held liable for performance issues or damage caused by the use of third-party accessories.

NOTICES

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

Please read the "Safety Notes" and make sure you understand them before using the camera.

Perchlorate Material—special handling may apply. See:
http://www.dtsc.ca.gov/hazardouswaste/perchlorate

For Customers in the U. S. A.

Tested To Comply With FCC Standards
FOR HOME OR OFFICE USE

FC

Contains IC : 10293A-WMBNBM26A
Contains FCC ID : COF-WMBNBM26A

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement: This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands.

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.

A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.

BC   California Code of Regulations, Title 20, Division 2, Chapter 4, Article 4, Appliance Efficiency Regulations, Sections 1601 through 1609

Caring for the Camera

To ensure continued enjoyment of the product, observe the following precautions.

Storage and Use

If the camera will not be used for an extended period, remove the battery and memory card. Do not store or use the camera in locations that are:

- exposed to rain, steam, or smoke
- very humid or extremely dusty
- exposed to direct sunlight or very high temperatures, such as in a closed vehicle on a sunny day
- extremely cold
- subject to strong vibration
- exposed to strong magnetic fields, such as near a broadcasting antenna, power line, radar emitter, motor, transformer, or magnet
- in contact with volatile chemicals such as pesticides
- next to rubber or vinyl products

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Wireless Network and Bluetooth Devices: Cautions

This product complies with the following EU Directives:

- RoHS Directive 2011/65/EU
- RE Directive 2014/53/EU

Hereby, FUJIFILM Corporation declares that the radio equipment type FF210001 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://dl.fujifilm-x.com/global/products/cameras/gfx100s/pdf/gfx100s_doc-aar.pdf

This compliance is indicated by the following conformity marking placed on the product:

$C \in$

This marking is valid for non-Telecom products and EU harmonized Telecom products (e.g. Bluetooth®).

- **Maximum radio-frequency power (EIRP)**:
  WLAN: 11.36 dBm
  Bluetooth: 3.78 dBm

IMPORTANT: *Read the following notices before using the camera's built-in wireless transmitter.*

Ⓧ This product, which contains encryption function developed in the United States, is controlled by the United States Export Administration Regulations and may not be exported or re-exported to any country to which the United States embargoes goods.

- **Use only a wireless network or Bluetooth device.** Fujifilm does not accept liability for damages resulting from unauthorized use. Do not use in applications requiring a high degree of reliability, for example in medical devices or other systems that may directly or indirectly impact human life. When using the device in computer and other systems that demand a greater degree of reliability than offered by wireless network or Bluetooth devices, be sure to take all necessary precautions to ensure safety and prevent malfunction.
- **Use only in the country in which the device was purchased.** This device conforms to regulations governing wireless network and Bluetooth devices in the country in which it was purchased. Observe all location regulations when using the device. Fujifilm does not accept liability for problems arising from use in other jurisdictions.
- **Do not use the device in locations subject to magnetic fields, static electricity, or radio interference.** Do not use the transmitter in the vicinity of microwave ovens or in other locations subject to magnetic fields, static electricity, or radio interference that may prevent reception of wireless signals. Mutual interference may occur when the transmitter is used in the vicinity of other wireless devices operating in the 2.4 GHz band.
- **The wireless transmitter operates in the 2.4 GHz band using DSSS, OFDM and GFSK modulation.**
- **Security**: Wireless network and Bluetooth devices transmit data via radio and consequently their use requires greater attention to security than applies in the case of wired networks.
  - Do not connect to unknown networks or networks to which you do not have access rights, even if they are displayed on your device, as such access may be considered unauthorized. Connect only to networks to which you have access rights.
  - Be aware that wireless transmissions may be vulnerable to interception by third parties.
  - This device cannot be directly connected to telecommunications networks (including public wireless LANs) operated by providers or mobile, landline, Internet, or other telecommunications services.
- **The following may be punishable by law:**
  - Disassembly or modification or this device
  - Removal of device certification labels
- **This device operates on the same frequency as commercial, educational, and medical devices and wireless transmitters.** It also operates on the same frequency as licensed transmitters and special unlicensed low-voltage transmitters used in RFID tracking systems for assembly lines and in other similar applications.
- **To prevent interference with the above devices, observe the following precautions.** Confirm that the RFID transmitter is not in operation before using this device. Should you observe that the device causes interference in licensed transmitters used for RFID tracking, immediately stop using the affected frequency or move the device to another location. If you notice that this device causes interference in low-voltage RFID tracing systems, contact a Fujifilm representative.

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- **_Do not use this device on board an aircraft._** Note that Bluetooth may remain on even when the camera is off. Bluetooth can be disabled by selecting **OFF** for D **CONNECTION SETTING** > **Bluetooth SETTINGS** > **Bluetooth ON/OFF**.
- **_Wireless specifications follow._**

Wireless LAN

Standards	IEEE 802.11b/g/n (standard wireless protocol)
Operating frequency (center frequency)	2,412 MHz–2,462 MHz (11 channels)
Access protocols	Infrastructure

Bluetooth®

Standards	Bluetooth version 4.2 (Bluetooth Low Energy)
Operating frequency (center frequency)	2,402 MHz–2,480 MHz

Be sure to read these notes before using the lens

Safety Notes

• Make sure that you use the lens correctly. Read these safety notes and the camera *Basic 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").
❶	Filled circles with an exclamation mark indicate an action that must be performed ("Required").

⚠ WARNING

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

AC-5VJ AC power adapter	
Manufacturer	Dongguan Yingiu Power Co.,Ltd.
Address	No.6 Yongxing Road, Shayao Village, Shijie Town, 523292 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Model name	AC-5VJ
Rated input	100 V – 240 V AC, 50/60 Hz
Input capacity	Max. 50 VA
Rated output	DC5.0V 3.0A 15.0W
Average active efficiency	84.8 %
Efficiency at load 10%	84.2 %
No-load power consumption	0.02 W
Operating temperature	0 °C to +40 °C/+32 °F to +104 °F
Weight	Approx. 45 g ± 2 g/1.6 oz. ± 0.1 oz.