

FUJIFILM

DIGITAL CAMERA

FINEPIX XP150/XP160

FINEPIX XP100/XP110

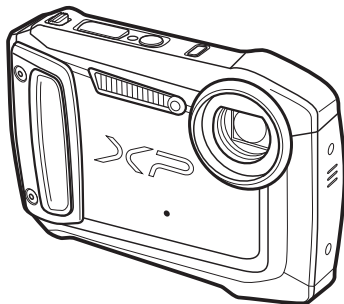
Basic Manual

BL01641-101

ENGLISH

FRANÇAIS

ESPAÑOL



Worldwide Network

Product Features and Precautions for Use

■ Water, Dust, and Shock Resistance

① The camera complies with JIS Class 8 water resistance and JIS Class 6 (IP68) dust resistance standards, and has passed FUJIFILM drop tests (drop height: 1.5 m/4.9 ft.; impact surface: plywood, thickness 5 cm/2.0 in.) compliant with MIL-STD 810F Method 516.5: Shock. These results were obtained through in-house testing and are not a blanket guarantee of water resistance or invulnerability to damage or destruction. The accessories supplied with the camera are not water resistant.

■ Before Use

- ① The front surface of the camera lens is protected by a sheet of glass. Foreign matter on the glass will appear in photographs; keep the glass clean at all times.
- ① Be sure that the battery-chamber and connector covers are fully latched. The presence of water, mud, or sand in the camera could cause malfunction.
- ① Do not open or close the battery-chamber or connector cover with wet hands or near water, for example while on or by a body of water.
- ① Be sure the camera is completely dry before inserting or removing batteries or memory cards or connecting the USB or A/V cable.
- ① The camera does not float. Be sure to attach the strap and keep it around your wrist when using the camera.

■ During Use

- ① Restrict underwater use to depths of 5 m (16 ft.) or less and periods shorter than 120 minutes.
- ① Do not open or close the battery-chamber cover while under water.
- ① Do not use in hot springs or heated pools.
- ① Do not dive into water with the camera or otherwise subject it to excessive force.
- ① If the camera is left on the sand, its temperature may exceed operating limits and sand may get into the speaker or microphone.
- ① Sunscreen, suntan lotion, or other oily substances may discolor the camera body and should be removed with a damp cloth.
- ① The camera may lose water resistance if subjected to excessive force or vibration. Consult your retailer or a FUJIFILM-authorized repair technician.

■ After Use

- ① Remove any foreign matter from the water-resistant seal and adjacent surfaces. Foreign matter could damage the seal, lowering water resistance.
- ① After using the camera underwater or in locations where foreign matter might adhere to the camera body, rinse the camera under the tap or leave it in a basin of fresh water for two to three minutes.
- ① Liquid soaps, detergents, alcohol, and other cleansers may affect water resistance and should never be used.

- ① After use, remove water droplets and foreign matter with a dry cloth, firmly latch the battery-chamber cover, and soak the camera in fresh water for about ten minutes. Dry the camera thoroughly after removing it from the water.

■ Storage and Maintenance

- ① Do not store at temperatures below 0°C (32°F) or above 40°C (104°F).
- ① To ensure continued water resistance, it is recommended that you have the water-resistant seal replaced about once a year (a fee is charged for this service). Contact your retailer or a FUJIFILM-authorized repair technician for more information.

■ Cold Climates

- ① Battery performance drops at low temperatures, reducing the number of pictures that can be taken. Insulate the camera to keep it warm or place it in your clothing.
- ① Use an NP-50A battery.
- ① Display response may slow at low temperatures. This is not a malfunction.

Be sure to read these notes before use

Safety Notes

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

About the Icons

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



WARNING

This icon indicates that death or serious injury can result if the information is ignored.



CAUTION

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

WARNING

If a problem arises, turn the camera off, remove the battery, and disconnect 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. If water or foreign objects get inside the camera, turn the camera off, remove the battery, and disconnect and unplug the AC power adapter. Continued use of the camera can cause a fire or electric shock. Contact your FUJIFILM dealer.

Do not use the camera in the bathroom or shower. This can cause a fire or electric shock.

Never attempt to change or take apart the camera (never open the case). Failure to observe this precaution can cause fire or electric shock.

WARNING

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 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 place the camera on an unstable surface. This can cause the camera to fall or tip over and cause injury.

Never attempt to take pictures while in motion. Do not use the camera while you are walking or driving a vehicle. This can result in you falling down or being involved in a traffic accident.

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.

Do not use the battery except as specified. Load the battery as shown by the indicator.

Do not heat, change or take apart the battery. Do not drop or subject the battery to impacts. Do not store the battery with metallic products. Any of these actions can cause the battery to burst or leak and cause fire or injury as a result.

Use only the battery 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.

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.

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING

Do not use in the presence of flammable objects, explosive gases, or dust.

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.

Keep memory cards out of the reach of small children. Because memory cards are small, they can be swallowed by children. Be sure to store memory cards out of the reach of small children. If a child swallows a memory card, seek medical attention or call an emergency number.

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.

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

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 use the AC power adapter if the plug is damaged or the plug socket connection is loose. This could cause 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.

CAUTION

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.

Using a flash too close to a person's eyes may temporarily affect the eyesight. Take particular care when photographing infants and young children.

Remove your fingers from the flash window before the flash fires. Failure to observe this precaution could result in burns.

Keep the flash window clean and do not use the flash if the window is obstructed. Failure to observe these precautions could cause smoke or discoloration.

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.

Using the Camera

Do not aim the camera at extremely bright light sources, such as the sun in a cloudless sky. Failure to observe this precaution could damage the camera image sensor.

Lithium Batteries

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.

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

■ Storage

Performance may be impaired if the battery is left unused for extended periods when fully charged. Run the battery flat before storing it.

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°C to +25°C (+59°F to +77°F). Do not store in locations exposed to extremes of temperature.

■ Cautions: Handling the Battery

- Use with designated chargers only.
- 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. An AC power adapter is recommended for periods of extended use.



Do not transport or store batteries with metal objects such as necklaces or hairpins.



Do not expose to flame or heat.

Disposal

Dispose of used batteries in accordance with local regulations. Before disposing of the camera, including the batteries or accumulators, contact the local authorities in charge of waste management for information on correct disposal.

Liquid Crystal

In the event that the LCD monitor 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.

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.

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.dtscc.ca.gov/hazardouswaste/perchlorate>.

Trademark Information

xD-Picture Card and **xD** are trademarks of FUJIFILM Corporation. The typefaces included herein are solely developed by Dyna-Comware Taiwan Inc. Macintosh, QuickTime, and Mac OS are trademarks of Apple Inc. in the U.S.A. and other countries. Windows 7, Windows Vista, and the Windows logo are trademarks of the Microsoft group of companies. Adobe and Adobe Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the U.S.A. and/or other countries. The SDHC and SDXC logos are trademarks of SD-3C, LLC. The HDMI logo is a trademark. YouTube is a trademark of Google Inc. All other trade names mentioned in this manual are the trademarks or registered trademarks of their respective owners.

For Customers in the U.S.A.

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

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

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

encouraged to try to correct the interference by one or more of the following measures:

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

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

For Customers in Canada

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

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

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

Water and Sand

Exposure to water and sand can also damage the camera and its internal circuitry and mechanisms. When using the camera at the beach or seaside, avoid exposing the camera to water or sand. Do not place the camera on a wet surface.

■ Condensation

Sudden increases in temperature, such as occur when entering a heated building on a cold day, can cause condensation inside the camera. If this occurs, turn the camera off and wait an hour before turning it on again. If condensation forms on the memory card, remove the card and wait for the condensation to dissipate.

Cleaning

Use a blower to remove dust from the protective glass covering the lens and LCD monitor, then gently wipe with a soft, dry cloth. Any remaining stains can be removed by wiping gently with a piece of FUJIFILM lens-cleaning paper to which a small amount of lens-cleaning fluid has been applied. Care should be taken to avoid scratching the protective glass or LCD monitor. The camera body can be cleaned with a soft, dry cloth. Do not use alcohol, thinner, or other volatile chemicals.

Traveling

Keep the camera in your carry-on baggage. Checked baggage may suffer violent shocks that could damage the camera.

Disposal of Electrical and Electronic Equipment in Private Households

In the European Union, Norway, Iceland and Liechtenstein:

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



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

This symbol on the batteries or accumulators indicates that those batteries shall not be treated as household waste.



If your equipment contains easy removable batteries or accumulators please dispose these separately according to your local requirements.

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

In Countries Outside the European Union, Norway, Iceland and Liechtenstein:

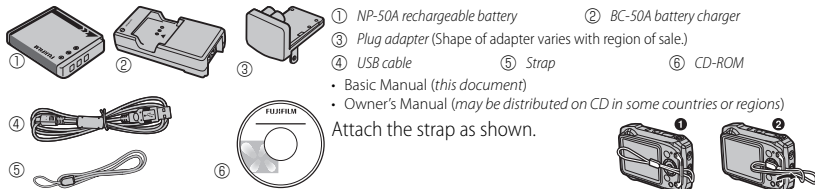
If you wish to discard this product, including the batteries or accumulators, please contact your local authorities and ask for the correct way of disposal.

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Getting Started

Supplied Accessories



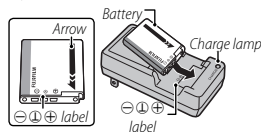
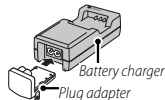
Memory Cards

Pictures can be stored in the camera's internal memory or on optional SD, SDHC, and SDXC memory cards, referred to in this manual as "memory cards."

Charging the Battery

The battery is not charged at shipment. Charge the battery before use.

- 1 Attach the plug adapter as shown below, making sure that it is fully inserted and clicks into place on the charger terminals.
 - ① The plug adapter is exclusively for use with the supplied battery charger. Do not use it with other devices.
- 2 Insert the battery in the orientation indicated by the ⊖ ⊕ ⊕ labels.

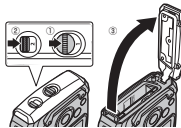


- 3 Plug the charger in. The charging indicator will light.
- 4 Remove the battery when the indicator lamp glows green to show that charging is complete.

Inserting the Battery and a Memory Card

- 1 Open the battery-chamber cover.

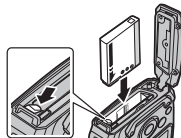
Release the latch (①) and safety lock (②) and open the battery-chamber cover (③).



◆ Be sure the camera is off before opening the cover.

- 2 Insert the battery.

Align the orange stripe on the battery with the orange battery latch and slide the battery into the camera, keeping the battery latch pressed to one side. Confirm that the battery is securely latched.



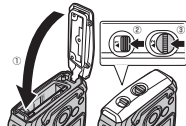
- 3 Insert a memory card as shown, stopping when it clicks into place at the back of the slot.



◆ Be sure the card is in the correct orientation; do not insert at an angle or use force.

- 4 Close the battery-chamber cover.

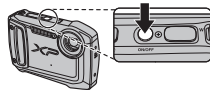
Close the cover (①) and then close the latch (②) and safety lock (③).



① Do not use excessive force when handling the battery-chamber cover.

Turning the Camera On

Press the **ON/OFF** button to turn the camera on. The camera can be turned off by pressing the **ON/OFF** button again.



● Language Selection/Setting the Camera Clock

A language-selection dialog is displayed the first time the camera is turned on. Highlight a language and press **MENU/OK**. You will then be prompted to set the camera clock; press the selector left or right to highlight the year, month, day, hour, or minute and press up or down to change (to change the order in which the year, month, and day are displayed, highlight the date format and press the selector up or down). Press **MENU/OK** when settings are complete.

SR AUTO mode

In this mode, the camera automatically analyzes the composition and adjusts settings appropriately.

The camera selects the scene according to shooting conditions and the type of subject: PORTRAIT (portraits), LANDSCAPE (landscapes), NIGHT (poorly-lit landscapes), MACRO (close ups), NIGHT PORTRAIT (poorly-lit portraits), BACKLIT PORTRAIT (backlit portraits), AUTO (all other scenes)

The icon



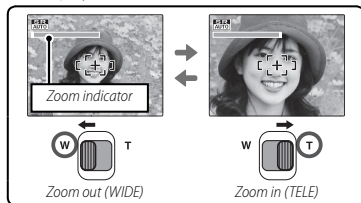
The scene icon

is displayed in the monitor to indicate that the camera is continuously adjusting focus and searching for faces, increasing the drain on the battery.

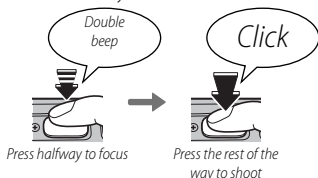
Taking Pictures

This section describes how to take pictures in (scene recognition) mode.

- 1 Turn the camera on.
- 2 Use the zoom control to frame the picture in the display.

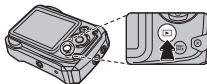


- 3 Press the shutter button halfway to focus. If the camera is able to focus, it will beep twice and the indicator lamp will glow green; to take the picture, smoothly press the shutter button the rest of the way down.



Viewing Pictures

To view pictures, press **▶**. Your most recent picture will be displayed; press the selector left or right to view additional images.



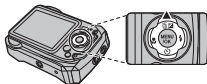
To zoom in on the current picture, select **T** with the zoom control and use the selector to view areas of the image not currently visible in the display.



Select **W** to increase the number of images displayed or **T** to view fewer images.

Deleting Pictures

To delete a picture, display it full frame and press the selector up (**⏏**), and select a picture for deletion.



To exit playback and return to shooting mode, press the shutter button.

Troubleshooting



Problem	Solution
The camera does not turn on.	<ul style="list-style-type: none">• The battery is exhausted: Charge the battery or insert a fully-charged spare battery.• The battery is inserted incorrectly: Reinsert in the correct orientation.• The battery-chamber cover is not latched: Latch the battery-chamber cover.

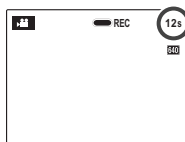
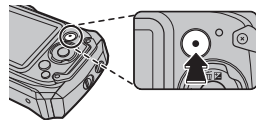
For additional troubleshooting information, visit <http://www.fujifilm.com/>.

For more information, see the supplied *Owner's Manual* (CD) or visit http://www.fujifilm.com/products/digital_cameras/index.html.

Movies



Recording Movies

Press  to shoot a movie. During recording,  and the time remaining will be displayed in the LCD monitor and sound will be recorded via the built-in microphone (be careful not to cover the microphone during recording).




Time available is displayed in monitor







To end recording, press the  button again. Recording ends automatically when the movie reaches maximum length or memory is full.

- ◆ Zoom can be adjusted while recording is in progress. The type of zoom can be selected using the  **MOVIE ZOOM TYPE** option in the setup menu.
- ◆ Focus, exposure and white balance are adjusted automatically throughout recording (the focus mode can be selected using the  **MOVIE AF MODE** option in the shooting menu). The color and brightness of the image may vary from that displayed before recording begins.
- ◆ Sounds made by the camera may be recorded.

- ① The indicator lamp lights while movies are being recorded. Do not open the battery chamber during shooting or while the indicator lamp is lit. Failure to observe this precaution could prevent the movie from being played back.
- ① Vertical or horizontal streaks may appear in movies containing very bright subjects. This is normal and does not indicate a malfunction.
- ① The temperature of the camera may rise if it is used to record movies for an extended period or if the ambient temperature is high. This is normal and does not indicate a malfunction.

Movie Frame Size

Before recording, select a frame size using the  **MOVIE MODE** option in the shooting menu.

Option	Description
 1920 (1920×1080)	Full HD (High Definition).
 1280 (1280×720)	High Definition.
 640 (640×480)	Standard definition.
 640 × 480 (80 fps)	High speed movie. Sound is not recorded, and focus, exposure, and white balance are not adjusted automatically.
 320 × 240 (160 fps)	
 320 × 240 (240 fps)	

Viewing Movies

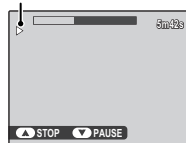
During playback, movies are displayed in the LCD monitor as shown at right. The following operations can be performed while a movie is displayed:



Option	Description
Start/pause playback	Press the selector down to start playback. Press again to pause.
End playback/delete	Press the selector up to end playback. If playback is not in progress, pressing the selector up will delete the movie.
Adjust speed	Press the selector left or right to adjust playback speed during playback.
Adjust volume	Press MENU/OK to pause playback and display volume controls. Press the selector up or down to adjust the volume and press MENU/OK to exit. Volume can also be adjusted from the setup menu.

Playback Speed

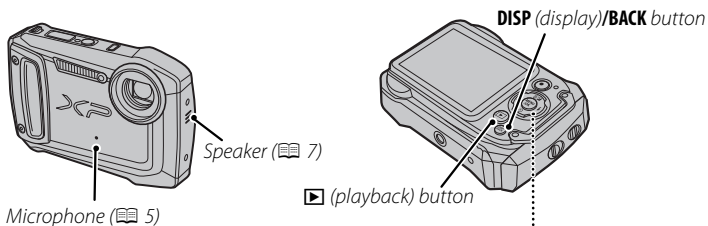
Press the selector left or right to adjust playback speed. Speed is shown by the number of arrows (▶ or ◀).



① Do not cover the speaker during playback.

Reference

Parts of the Camera



Selector button

Move cursor up/

☑ (exposure compensation)/🗑 (delete) button

MENU/OK button

Move cursor left/🌿 (macro) button




















Move cursor right/⚡ (flash) button

Move cursor down/⌚ (self-timer) button














- ▶ **▶ button:** View pictures (🗨️ 4).
- DISP/BACK button:** View or hide indicators or cancel the current operation. Press and hold to disable the speaker and flash in situations in which lights and sounds produced by the camera may be unwelcome.

Shooting, Playback, and Setup Options



















■ Using the Selector (👉, ⏸, ⚡, or 📷) During Shooting

Option	Description	Control
 Macro  OFF	Take close-ups of small objects.	Press the <i>selector</i> left (👉) 
 Self-timer  OFF    	Reduce blur or shoot self-portraits.	Press the <i>selector</i> down (⏸) 
 Flash AUTO/     	Use the flash for additional lighting.	Press the <i>selector</i> right (⚡) 
 Exposure compensation	Photograph very bright, very dark, or high contrast subjects.	Press the <i>selector</i> up (📷) 

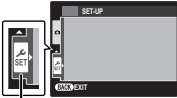
■ Using the Selector During Shooting (All Modes)

Option	Description	Control
 SHOOTING MODE	Choose a shooting mode according to the type of subject.	Press MENU/OK <i>and navigate with the selector</i> 
 ISO	Control the camera's sensitivity to light.	
 IMAGE SIZE	Choose the size and aspect ratio at which pictures are recorded.	
 IMAGE QUALITY	Choose how much image files are compressed.	
 FINEPIX COLOR	Enhance contrast and color saturation or take pictures in black and white.	
 WHITE BALANCE	Adjust colors to compensate for different colored light sources.	
 CONTINUOUS	Capture motion in a series of pictures.	
 FACE DETECTION	Choose whether the camera detects and sets focus and exposure for portrait subjects.	
 AF MODE	This option controls how the camera selects the focus area for photographs.	
 MOVIE AF MODE	This option controls how the camera selects the focus area for movies.	
 MOVIE MODE	Choose a frame size for movies.	
 LED ILLUMINATOR	Choose whether the LED lights to illuminate nearby subjects when lighting is poor.	



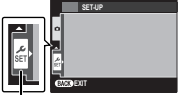















■ Using the Selector During Playback (the Playback Menu)

Option	Description	Control
 PHOTOBOOK ASSIST	Create books from your favorite photos.	Press  to start playback, press MENU/OK , and navigate with the selector  + 
 IMAGE SEARCH	Search for pictures.	
 ERASE	Delete all or selected pictures.	
 EDIT	Create a retouched copy of the current picture.	
 MOVIE EDIT	Edit movies.	
 MARK FOR UPLOAD TO	Select pictures for upload to YouTube or Facebook using MyFinePix Studio (Windows only).	
 SLIDE SHOW	View pictures in an automated slide show.	
 RED EYE REMOVAL	Remove red-eye from pictures taken with Intelligent Face Detection.	
 PROTECT	Protect pictures from accidental deletion.	
 CROP	Create a cropped copy of the current picture.	
 RESIZE	Create a small copy of the current picture.	
 IMAGE ROTATE	Rotate pictures for display.	
 COPY	Copy pictures from internal memory to a memory card.	
 PRINT ORDER (DPOF)	Select pictures for printing on DPOF- and PrintBridge compatible devices.	
 DISP ASPECT	Choose how High Definition (HD) devices display pictures with an aspect ratio of 4:3.	

■ The Setup Menu

Option	Description	Control
DATE/TIME	Set the camera clock.	<p>Display the shooting or playback menu and press the selector left to highlight the menu tab, then press the selector down to highlight SET and press the selector right to place the cursor in the setup menu</p>  <p><i>Tab</i></p>
TIME DIFFERENCE	Set the clock to local time.	
言語/LANG.	Choose a language.	
SILENT MODE	Select ON to disable the speaker and flash in situations in which camera sounds or lights may be unwelcome.	
RESET	Reset settings to default values.	
FORMAT	Format the memory card or internal memory.	
IMAGE DISP.	Choose how long pictures are displayed in the LCD monitor after shooting.	
FRAME NO.	Choose how files are named.	
OPERATION VOL.	Adjust the volume of the sounds produced when camera controls are operated.	
SHUTTER VOLUME	Adjust the volume of the sounds produced when the shutter is released.	
SOUND	Choose the sounds used for the shutter, at startup, and for camera controls.	
PLAYBACK VOLUME	Adjust the volume for movie playback.	

Shooting, Playback, and Setup Options

Option	Description	Control
 LCD BRIGHTNESS	Control the brightness of the display.	<p>Display the shooting or playback menu and press the selector left to highlight the menu tab, then press the selector down to highlight  and press the selector right to place the cursor in the setup menu</p>  <p>Tab</p>
 LCD MODE	Choose whether the display automatically dims to save power.	
 AUTO POWER OFF	Choose the auto power off delay.	
 DUAL IS MODE	Image stabilization options.	
 RED EYE REMOVAL	Reduce “red-eye”.	
 DIGITAL ZOOM	Enable or disable digital zoom.	
 MOVIE ZOOM TYPE	Choose the zoom type when recording movies.	
 SAVE ORIGINAL IMAGE	Choose ON to save unprocessed copies of pictures taken using  RED EYE REMOVAL ,  PRO LOW-LIGHT , or  D-RANGE PRIORITY .	
 AUTOROTATE PB (XP150/XP160 Only)	Choose ON to automatically rotate “tall” (portrait-orientation) pictures during playback.	
 GUIDANCE DISPLAY	Choose whether to display tool tips.	
 VIDEO SYSTEM	Choose a video mode for connection to a TV.	
 DATE STAMP	Stamp the time and/or date of recording on photographs as they are taken.	
 DEMONSTRATION (XP150/XP160 Only)	Choose ON for a GPS demo. This option should normally be left OFF .	

Fonctionnalités du produit et précautions d'emploi

■ Résistance à l'eau, à la poussière et aux chocs

- ① L'appareil photo est en conformité avec la norme de classe 8 JIS pour la résistance à l'eau et la norme de classe 6 JIS (IP68) pour la résistance à la poussière. Il a réussi les tests de chute de FUJIFILM (hauteur de chute : 1,5 m ; surface d'impact : contreplaqué, épaisseur 5 cm) en conformité avec MIL-STD 810F, Méthode 516.5 : Choc. Ces résultats proviennent de tests réalisés en interne et ne constituent pas une garantie globale de résistance à l'eau ou d'invulnérabilité face aux dommages ou à la destruction. Les accessoires fournis avec l'appareil photo ne sont pas résistants à l'eau.

■ Avant toute utilisation

- ① La surface avant de l'objectif de l'appareil photo est protégée par du verre. Tout élément présent sur le verre apparaîtra sur les photos : veillez à ce que le verre reste toujours propre.
- ① Assurez-vous que le couvercle du compartiment de la batterie et le cache-bornes sont verrouillés correctement. La présence d'eau, de boue ou de sable dans l'appareil photo pourrait provoquer son dysfonctionnement.
- ① N'ouvrez pas ou ne fermez pas le couvercle du compartiment de la batterie ou le cache-bornes avec les mains mouillées ou à proximité d'eau, par exemple si vous êtes dans l'eau ou au bord de l'eau.
- ① Vérifiez que l'appareil photo est totalement sec avant d'insérer ou de retirer les batteries/piles ou les cartes mémoire ou encore de raccorder le câble USB ou AV.

- ① L'appareil photo ne flotte pas. Assurez-vous de bien fixer la dragonne et d'enrouler cette dernière autour de votre poignet lorsque vous utilisez l'appareil photo.

■ Utilisation

- ① Utilisez cet appareil photo sous l'eau à des profondeurs de 5 m maximum et pendant des durées inférieures à 120 minutes.
- ① N'ouvrez pas ou ne fermez pas le couvercle du compartiment de la batterie sous l'eau.
- ① N'utilisez pas cet appareil photo dans des sources thermales ou des piscines chauffées.
- ① Ne plongez pas avec l'appareil photo ou ne le soumettez pas à une pression excessive quelle que soit sa nature.
- ① Si vous laissez l'appareil photo sur le sable, sa température risque de dépasser les limites de fonctionnement. Le sable peut également s'infiltrer dans le haut-parleur ou le microphone.
- ① Les crèmes et laits solaires ou toute autre substance grasse peuvent décolorer le boîtier de l'appareil photo. Essayez toute trace avec un chiffon humide.
- ① L'appareil photo risque de perdre sa résistance à l'eau s'il est soumis à une pression ou à des vibrations excessives. Consultez votre revendeur ou un réparateur agréé FUJIFILM.

■ Après toute utilisation

- ① Retirez tout élément éventuellement présent sur le joint d'étanchéité et les surfaces adjacentes. Ces éléments pourraient endommager le joint, entraînant une diminution de la résistance à l'eau.

- ① Après avoir utilisé l'appareil photo sous l'eau ou dans des endroits où des éléments extérieurs risquent d'adhérer au boîtier, rincez l'appareil photo au robinet ou faites-le tremper dans une baignoire d'eau douce pendant deux à trois minutes.
- ① N'utilisez jamais de savons liquides, de détergents, d'alcool et d'autres nettoyants car ils peuvent compromettre la résistance à l'eau de l'appareil photo.
- ① Après toute utilisation, essuyez les gouttes d'eau et tout autre élément avec un chiffon sec, verrouillez bien le couvercle du compartiment de la batterie et faites tremper l'appareil photo dans de l'eau douce pendant dix minutes environ. Essayez soigneusement l'appareil photo après l'avoir sorti de l'eau.

■ Stockage et maintenance

- ① Ne rangez pas l'appareil photo à des températures inférieures à 0°C ou supérieures à 40°C.
- ① Pour garantir une résistance à l'eau permanente, il est recommandé de remplacer le joint d'étanchéité environ une fois par an (ce service est payant). Prenez contact avec votre revendeur ou un réparateur agréé FUJIFILM pour obtenir plus d'informations.

■ Climats froids

- ① Les performances des batteries diminuent à basse température, ce qui a pour conséquence de réduire le nombre de prises de vues possibles. Isolez l'appareil photo pour le maintenir au chaud ou placez-le dans vos vêtements.
- ① Utilisez une batterie NP-50A.
- ① Il se peut que l'affichage mette plus de temps à réagir à basse température. Il ne s'agit pas d'un dysfonctionnement.

Lisez attentivement ces remarques avant toute utilisation

Consignes de sécurité

- Veillez à utiliser correctement votre appareil photo. Pour cela, lisez attentivement ces remarques relatives à la sécurité et votre *Manuel du propriétaire* avant toute utilisation.
- Après avoir lu ces remarques relatives à la sécurité, rangez-les dans un endroit sûr.

À propos des icônes

Les icônes illustrées ci-dessous sont utilisées dans ce document pour indiquer le degré de gravité des blessures ou dommages qui peuvent se produire si vous n'observez pas les informations indiquées par l'icône et si, en conséquence, vous utilisez ce produit de manière incorrecte.



AVERTISSEMENT

Cette icône indique que le fait de ne pas observer les informations mentionnées peut entraîner la mort ou des blessures graves.



ATTENTION

Cette icône indique que le fait de ne pas observer les informations mentionnées peut entraîner des blessures ou endommager le matériel.

AVERTISSEMENT

En cas de problème, éteignez l'appareil photo, retirez la batterie, déconnectez et débranche l'adaptateur secteur. Si vous continuez à utiliser l'appareil photo lorsqu'il dégage de la fumée, une odeur inhabituelle ou dans d'autres conditions anormales, cela peut provoquer un incendie ou une décharge électrique. Prenez contact avec votre revendeur FUJIFILM.

Ne laissez pas de l'eau ou des objets pénétrer dans l'appareil photo. Si de l'eau ou des objets pénètrent à l'intérieur de l'appareil photo, éteignez ce dernier, retirez la batterie, déconnectez et débranche l'adaptateur secteur. Si vous continuez à utiliser l'appareil photo dans ces conditions, cela peut provoquer un incendie ou une décharge électrique. Prenez contact avec votre revendeur FUJIFILM.

N'utilisez pas l'appareil photo dans une salle de bain ou une douche. Cela peut provoquer un incendie ou une décharge électrique.

AVERTISSEMENT

N'essayez jamais de modifier ou de démonter l'appareil photo (à l'ouverture jamais le boîtier). Le non-respect de cette précaution peut provoquer un incendie ou une décharge électrique.

Dans le cas où le boîtier s'ouvrirait suite à une chute ou à un autre accident, ne touchez pas aux pièces mises à nu. Le non-respect de cette précaution pourrait provoquer une décharge électrique ou une blessure suite à la manipulation des pièces endommagées. Retirez immédiatement la batterie, en évitant de vous blesser ou de recevoir une décharge électrique, puis confiez le produit au revendeur d'origine pour le faire vérifier.

Ne modifiez pas, ne chauffez pas, ne tordez pas ou ne tirez pas indûment sur le cordon de connexion et ne posez pas d'objets lourds dessus. Ceci risque d'endommager le cordon et de provoquer un incendie ou une décharge électrique. Si le cordon est endommagé, prenez contact avec votre revendeur FUJIFILM.

Ne posez pas l'appareil photo sur un plan instable. L'appareil photo pourrait tomber ou se renverser et provoquer des blessures.

N'essayez jamais de prendre des photos quand vous bougez. N'utilisez pas l'appareil photo pendant que vous marchez ou que vous conduisez. Vous pourriez tomber ou être impliqué dans un accident de la circulation.

Pendant les orages, ne touchez aucune pièce métallique de l'appareil photo. Vous pourriez être électrocuté par le courant induit par une décharge de foudre.

N'utilisez pas de batteries autres que celles préconisées. Chargez la batterie comme indiqué par l'indicateur.

Ne faites pas chauffer, ne modifiez pas ou ne démontez pas la batterie. Ne la faites pas tomber ou ne la soumettez pas à des impacts. Ne la rangez pas avec des produits métalliques. N'importe laquelle de ces actions peut faire exploser la batterie ou la faire fuir et provoquer un incendie ou des blessures.

Utilisez seulement la batterie ou les adaptateurs secteur préconisés pour une utilisation avec cet appareil photo. N'utilisez pas de tensions autres que la tension d'alimentation électrique indiquée. L'utilisation d'autres sources d'alimentation peut provoquer un incendie.

AVERTISSEMENT

Si la batterie fuit et que le liquide entre en contact avec vos yeux, votre peau ou vos vêtements, rincez abondamment la partie touchée à l'eau claire et consultez un médecin ou appelez les urgences immédiatement.

Risque d'explosion si la batterie n'est pas remplacée par une batterie compatible. Remplacez-la uniquement avec une batterie du même type ou d'un type équivalent.

Ne l'utilisez pas en présence d'objets inflammables, de gaz explosifs ou de poussière.

Lorsque vous transportez la batterie, immergez-la dans votre appareil photo numérique ou conservez-la dans l'étui rigide prévu à cet effet. Rangez la batterie dans l'étui rigide. Avant de jeter la batterie, recouvrez les bornes avec du ruban isolant. L'entrée en contact avec d'autres objets métalliques ou d'autres batteries pourrait provoquer la mise à feu ou l'explosion de la batterie.

Conservez les cartes mémoire hors de la portée des enfants en bas âge. Les cartes mémoire sont petites et risquent d'être avalées par les enfants. Veillez à ranger les cartes mémoire hors de la portée des enfants en bas âge. Si un enfant venait à avaler une carte mémoire, consultez un médecin ou appelez les urgences immédiatement.

ATTENTION

N'utilisez pas cet appareil photo dans des endroits exposés à des vapeurs d'essence, de la vapeur, de l'humidité ou de la poussière. Cela peut provoquer un incendie ou une décharge électrique.

Ne laissez pas cet appareil photo dans des endroits exposés à des températures très élevées. Ne laissez pas l'appareil photo dans un véhicule fermé, par exemple, ou à la lumière directe du soleil. Un incendie peut se produire.

Conservez hors de la portée des enfants en bas âge. Ce produit peut provoquer des blessures s'il est laissé dans les mains d'un enfant.

Ne posez pas d'objet lourd sur l'appareil photo. L'objet lourd peut se renverser ou tomber et provoquer des blessures.

ATTENTION

Ne déplacez pas l'appareil photo tant que l'adaptateur secteur est rattaché. Ne tirez pas sur le cordon de connexion pour débrancher l'adaptateur secteur. Vous pourriez endommager le cordon d'alimentation ou les câbles et provoquer un incendie ou une décharge électrique.

N'utilisez pas l'adaptateur secteur si la fiche est endommagée ou si la connexion de la prise électrique est desserrée. Cela pourrait provoquer un incendie ou une décharge électrique.

Ne couvrez pas l'appareil photo ou l'adaptateur secteur avec un chiffon ou une couverture et ne les enroulez pas dedans. La chaleur peut s'accumuler et déformer le boîtier ou provoquer un incendie.

Lorsque vous nettoyez l'appareil photo ou lorsque vous n'avez pas l'intention de l'utiliser pendant une période prolongée, retirez la batterie, déconnectez et débranchez l'adaptateur secteur. Sinon, vous pourriez provoquer un incendie ou une décharge électrique.

Lorsque le chargement est terminé, débranchez le chargeur de la prise d'alimentation. Il existe un risque d'incendie si le chargeur reste branché dans la prise d'alimentation.

Utilisez un flash d'une manière trop rapprochée des yeux d'une personne peut affecter temporairement sa vue. Faites particulièrement attention lorsque vous photographiez des bébés et de jeunes enfants.

Retirez les doigts de la fenêtre du flash avant le déclenchement du flash. Vous risquez sinon de vous brûler.

Gardez la fenêtre du flash propre et n'utilisez pas le flash si la fenêtre est occultée. Le non-respect de ces consignes peut provoquer de la fumée ou de la décoloration.

AVIS IMPORTANT : Veuillez lire le passage suivant avant d'utiliser le logiciel

Il est interdit d'exporter directement ou indirectement, en partie ou en totalité, un logiciel sous licence sans l'accord des autorités concernées.

Utilisation de l'appareil photo

Ne visez pas des sources lumineuses très vives, comme le soleil dans un ciel sans nuage. Si vous ne respectez pas cette précaution, le capteur d'image de l'appareil photo risque de s'endommager.

Batteries Li-ion

Les paragraphes suivants décrivent comment utiliser correctement les batteries et prolonger leur autonomie. Une utilisation incorrecte peut réduire l'autonomie de la batterie ou provoquer sa surchauffe, un incendie ou une explosion.

La batterie n'est pas chargée lors de l'expédition. Chargez-la avant toute utilisation. Rangez la batterie dans son étui si vous ne l'utilisez pas.

Stockage

Les performances de la batterie peuvent se dégrader si vous n'utilisez pas celle-ci pendant une période prolongée, alors qu'elle est entièrement chargée. Déchargez-la avant de la ranger.

Si vous n'avez pas l'intention d'utiliser l'appareil photo pendant une période prolongée, retirez la batterie et rangez-la dans un endroit sec dont la température ambiante est comprise entre +15 °C et +25 °C. Ne la rangez pas dans un endroit exposé à des températures extrêmes.

Précautions : Manipulation de la batterie

- Utilisez uniquement les chargeurs préconisés.
- N'exposez pas la batterie à l'eau.
- Utilisez les bornes toujours propres.
- Il se peut que la batterie et le boîtier de l'appareil photo soient chauds au toucher après une utilisation prolongée. Ceci est normal. Il est recommandé de recourir à un adaptateur secteur en cas d'utilisation prolongée.



Ne transportez pas et ne rangez pas la batterie avec des objets métalliques comme des colliers ou des épingles.



Ne l'exposez pas aux flammes ou à la chaleur.

Élimination

Jetez les batteries usagées en respectant les réglementations locales en vigueur. Avant de jeter l'appareil photo, les piles ou les accumulateurs, prenez contact avec les autorités locales chargées de la gestion des déchets pour savoir comment procéder.

Cristaux liquides

Si l'écran LCD est endommagé, faites particulièrement attention à éviter tout contact avec les cristaux liquides. Si l'une des situations suivantes se produisait, adoptez l'action d'urgence indiquée :

- **Si les cristaux liquides touchent votre peau,** essuyez la zone affectée avec un chiffon puis lavez-la soigneusement à l'eau courante avec du savon.
- **Si les cristaux liquides pénètrent dans vos yeux,** rincez abondamment l'œil affecté à l'eau claire pendant 15 minutes au moins et consultez un médecin.
- **Si vous avalez des cristaux liquides,** rincez-vous abondamment la bouche avec de l'eau. Buvez de grands verres d'eau et faites-vous vomir, puis consultez un médecin.

Bien que l'écran soit fabriqué à partir d'une technologie de pointe et très haute précision, il est possible que certains pixels soient constamment allumés ou éteints. Il ne s'agit pas d'un dysfonctionnement : les images enregistrées avec ce produit n'en sont nullement affectées.

Remarques sur le droit d'auteur

Les images enregistrées à l'aide de cet appareil photo numérique ne peuvent pas être utilisées d'une manière allant à l'encontre des lois sur les droits d'auteur sans l'autorisation préalable du propriétaire, à moins qu'elles ne soient réservées qu'à un usage personnel. Notez que certaines restrictions s'appliquent aux photos des performances théâtrales, des divertissements et des expositions, même lorsqu'elles ne sont réservées qu'à un usage personnel. Les utilisateurs sont aussi priés de noter que le transfert des cartes mémoire contenant des images ou des données protégées par les lois sur les droits d'auteur n'est autorisé que dans la limite des restrictions imposées par lesdites lois.

AVIS AU LECTEUR

Pour éviter tout risque d'incendie ou d'électrocution, n'exposez pas l'appareil à la pluie ou à l'humidité.

Veuillez lire les « Consignes de sécurité » et assurez-vous de les avoir bien comprises avant d'utiliser l'appareil photo.

Matériau en perchlorate : une manipulation particulière peut être nécessaire. Consultez <http://www.dts.ca.gov/hazardouswaste/perchlorate>.

Informations sur les marques commerciales

xPicture Card et ...SD2 sont des marques commerciales de FUJIFILM Corporation. Les types de caractères présentés ici sont uniquement développés par DynaComware Taiwan Inc. Macintosh, QuickTime et Mac OS sont des marques commerciales d'Apple Inc. aux États-Unis et dans d'autres pays. Windows 7, Windows Vista et le logo Windows sont des marques commerciales du groupe de sociétés Microsoft. Adobe et Adobe Reader sont des marques commerciales ou des marques déposées d'Adobe Systems Incorporated aux États-Unis et/ou dans d'autres pays. Les logos SDHC et SDXC sont des marques commerciales de SD-3C, LLC. Le logo HDMI est une marque commerciale. YouTube est une marque commerciale de Google Inc. Tous les autres noms de marques mentionnés dans ce manuel sont des marques commerciales ou des marques déposées de leurs détenteurs respectifs.

À l'attention des clients résidant aux États-Unis

Testé pour être en conformité avec les normes de la FCC POUR UNE UTILISATION RÉSIDENNELLE OU DE BUREAU

Règlementation de la FCC : Cet appareil est conforme à la Partie 15 de la réglementation de la FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) Cet appareil ne peut pas causer d'interférence dangereuse et (2) cet appareil doit accepter toute interférence reçue, y compris celle susceptible de provoquer un fonctionnement indésirable.

ATTENTION : Cet appareil a été testé et déclaré conforme aux normes d'un appareil numérique de Classe B, stipulées dans la Partie 15 de la réglementation de la FCC. Ces normes sont destinées à assurer une protection suffisante contre les interférences dangereuses dans le cadre d'une installation résidentielle. Cet appareil génère, utilise et peut émettre des fréquences radio et peut, s'il n'est pas installé et utilisé conformément aux instructions, être à l'origine d'interférences dans les communications radio. Néanmoins, il n'est pas possible de garantir que des interférences ne seront pas provoquées dans certaines installations particulières. Si cet appareil est effectivement à l'origine d'interférences nuisibles à la réception radio ou télévisuelle, ce qui peut être déterminé en éteignant et en allumant l'appareil, il est conseillé à l'utilisateur de remédier à cette situation en recourant à une ou plusieurs des mesures suivantes :

- Réorienter ou repositionner l'antenne de réception.
- Augmenter la distance entre l'appareil et le récepteur.

- Brancher l'appareil dans une prise appartenant à un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio/télé qualifié pour obtenir de l'aide.
- Tout changement ou modification apporté à l'appareil non approuvé expressément dans ce manuel pourrait annuler le droit d'utiliser cet appareil.

Remarques relatives à l'octroi d'autorisation : Pour être conforme à la Partie 15 de la réglementation de la FCC, ce produit doit être utilisé avec un câble A/V, un câble USB et un cordon d'alimentation CC avec tores de ferrite, tels que préconisés par Fujifilm.

À l'attention des clients résidant au Canada

ATTENTION : Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

INSTRUCTIONS IMPORTANTES RELATIVES À LA SÉCURITÉ

- Veuillez lire ces instructions.
- Veuillez conserver ces instructions.
- Veuillez tenir compte de tous les avertissements.
- Veuillez suivre toutes les instructions.
- N'utilisez pas cet appareil à proximité d'eau.
- Nettoyez-le uniquement avec un chiffon sec.
- Ne bloquez aucun des orifices d'aération. Installez cet appareil conformément aux instructions du fabricant.
- Ne l'installez pas à proximité de sources de chaleur telles que des radiateurs, des bouches de chaleur, des cuisinières ou d'autres appareils (y compris des amplificateurs) qui génèrent de la chaleur.
- Évitez de marcher ou de pincer le cordon d'alimentation, en particulier au niveau des fiches, des prises de courant et à l'endroit où ces éléments sortent de l'appareil.
- Utilisez uniquement les systèmes de fixation/accessoires préconisés par le fabricant.
- Débranchez cet appareil pendant les orages ou si vous ne l'utilisez pas pendant une période prolongée.

- Confiez toutes les opérations d'entretien à du personnel qualifié. L'entretien est requis lorsque l'appareil a été endommagé de quelque manière que ce soit, par exemple si le cordon d'alimentation ou la fiche est endommagé, si du liquide a été renversé sur l'appareil ou que des objets lui sont tombés dessus, s'il a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou si vous l'avez fait tomber.

Entretien de l'appareil photo

Pour pouvoir profiter pleinement de votre appareil, veuillez respecter les précautions suivantes.

Stockage et utilisation

Si vous n'avez pas l'intention d'utiliser l'appareil photo pendant une période prolongée, retirez la batterie et la carte mémoire. Ne rangez et n'utilisez pas l'appareil photo dans des endroits qui sont :

- exposés à la pluie, à la vapeur ou à la fumée
- très humides ou extrêmement poussiéreux
- exposés à la lumière directe du soleil ou à de très hautes températures, comme dans un véhicule fermé en plein soleil
- extrêmement froids
- soumis à de fortes vibrations
- exposés à des champs magnétiques puissants, comme à proximité d'une antenne de diffusion, d'une ligne électrique, d'un émetteur radar, d'un moteur, d'un transformateur ou d'un aimant
- en contact avec des produits chimiques volatils tels que des pesticides
- à proximité de produits en caoutchouc ou en vinyle

■ Eau et sable

L'exposition à l'eau et au sable peut également endommager l'appareil photo, son circuit interne et ses mécanismes. Lorsque vous utilisez l'appareil photo à la plage ou en bord de mer, évitez de l'exposer à l'eau ou au sable. Ne posez pas l'appareil photo sur une surface humide.

■ Condensation

Les augmentations soudaines de température, par exemple lorsque l'on rentre dans un bâtiment chauffé alors qu'il fait froid dehors, peuvent provoquer l'apparition de condensation à l'intérieur de l'appareil photo. Si cette situation se produit, éteignez l'appareil photo et attendez une heure avant de le rallumer. Si la condensation se forme sur la carte mémoire, retirez la carte et attendez que la condensation se dissipe.

Nettoyage

Utilisez une soufflette pour retirer la poussière située sur l'objectif et l'écran LCD puis essuyez délicatement à l'aide d'un chiffon doux et sec. S'il reste des taches, vous pouvez les retirer en essuyant délicatement à l'aide d'une lingette nettoyante pour objectifs FUJIFILM sur laquelle vous aurez appliqué une petite quantité de solution nettoyante pour objectifs. Faites bien attention de ne pas rayer l'objectif ou l'écran LCD. Vous pouvez nettoyer le boîtier de l'appareil photo à l'aide d'un chiffon doux et sec. N'utilisez pas d'alcool, de solvants ou d'autres produits chimiques volatils.

Voyage

Gardez l'appareil photo dans votre bagage à main. Les bagages enregistrés risquent de subir des chocs violents qui pourraient endommager l'appareil photo.

Élimination du matériel électrique et électronique chez les particuliers

Applicable à l'Union européenne, la Norvège, l'Islande et le Liechtenstein :

Ce symbole sur le produit, ou dans le manuel et sur la garantie, et/ou sur son emballage, indique que l'appareil ne doit pas être traité comme un déchet ménager. Il doit être acheminé vers un point de collecte qui recycle le matériel électrique et électronique.



En vous assurant de la bonne élimination de ce produit, vous contribuerez à éviter des conséquences préjudiciables pour l'environnement et la santé de l'homme, qui peuvent être provoquées par l'élimination inappropriée de ce produit.

Ce symbole sur les piles ou sur les accumulateurs indique que ces piles/accumulateurs ne seront pas traités comme des déchets ménagers.



Si votre matériel contient des piles ou des accumulateurs faciles à retirer, merci de les éliminer séparément conformément aux réglementations locales.

Le recyclage des matériaux contribuera à préserver les ressources naturelles. Pour obtenir plus d'informations sur le recyclage de ce produit, veuillez prendre contact avec votre mairie, la déchetterie la plus proche de votre domicile ou le magasin où vous l'avez acheté.

Applicable aux pays n'appartenant pas à l'Union

européenne, la Norvège, l'Islande et le Liechtenstein : Si vous souhaitez jeter ce produit, y compris les piles ou les accumulateurs, veuillez prendre contact avec les autorités locales pour vous informer sur les moyens de retraitement existants.

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Vidéos

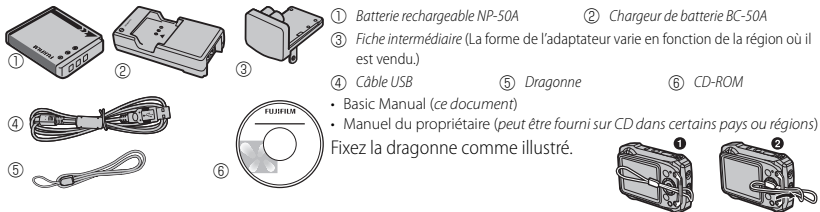
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Pour commencer

Accessoires fournis



Cartes mémoire

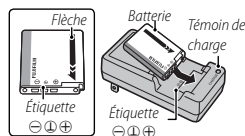
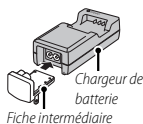
Les photos peuvent être stockées dans la mémoire interne de l'appareil photo ou sur des cartes mémoire SD, SDHC et SDXC optionnelles, dénommées « cartes mémoire » dans ce manuel.

Recharge de la batterie

La batterie n'est pas chargée lors de l'expédition. Chargez-la avant toute utilisation.

- 1 Fixez la fiche intermédiaire comme illustré ci-dessous, en veillant à ce qu'elle soit insérée entièrement et à ce qu'elle s'emboîte dans les bornes du chargeur.

- ① La fiche intermédiaire est conçue exclusivement pour le chargeur de batterie fourni. Ne l'utilisez pas avec d'autres appareils.

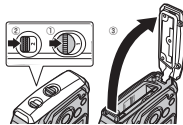


- 3 Branchez le chargeur. Le témoin de charge s'allume.
- 4 Retirez la batterie lorsque le témoin lumineux devient vert, indiquant que le chargement est terminé.

Insertion de la batterie et d'une carte mémoire

- 1 Ouvrez le couvercle du compartiment de la batterie.

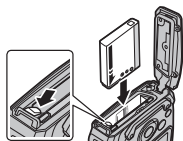
Libérez le loquet (①) et le blocage de sécurité (②), puis ouvrez le couvercle du compartiment de la batterie (③).



Assurez-vous que l'appareil photo est éteint avant d'ouvrir le couvercle.

- 2 Insérez la batterie.

Alignez la bande orange de la batterie avec le loquet de batterie orange et faites glisser la batterie dans l'appareil photo, en maintenant le loquet appuyé d'un côté. Vérifiez que la batterie est correctement insérée.

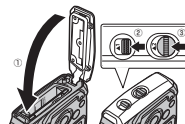


- 3 Insérez une carte mémoire comme indiqué, en vous arrêtant lorsqu'elle est en place au fond du logement.



Assurez-vous que la carte est dans le bon sens : ne l'insérez pas en biais et ne forcez pas.

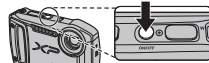
- 4 Refermez et verrouillez le couvercle du compartiment de la batterie. Refermez le couvercle (①), puis fermez le loquet (②) et le blocage de sécurité (③).



Ne forcez pas trop lorsque vous manipulez le couvercle du compartiment de la batterie.

Mise sous tension de l'appareil photo

Appuyez sur la touche **ON/OFF** pour allumer l'appareil photo. Pour éteindre l'appareil photo, appuyez à nouveau sur la touche **ON/OFF**.











● Sélection de la langue/Réglage de l'horloge de l'appareil photo

Une boîte de dialogue de sélection de la langue apparaît la première fois que vous allumez l'appareil photo. Mettez une langue en surbrillance et appuyez sur **MENU/OK**. Vous serez ensuite invité à régler l'horloge de l'appareil photo ; appuyez sur la touche de sélection gauche ou droite pour mettre en surbrillance l'année, le mois, le jour, l'heure ou les minutes et appuyez sur la touche de sélection supérieure ou inférieure pour effectuer des modifications (pour modifier l'ordre d'affichage de l'année, du mois et du jour, mettez en surbrillance le format de date souhaité et appuyez sur la touche de sélection supérieure ou inférieure). Appuyez sur **MENU/OK** une fois les réglages terminés.

Mode

Dans ce mode, l'appareil photo analyse automatiquement la composition et modifie les réglages en conséquence.

L'appareil photo sélectionne la scène en fonction des conditions de prise de vue et du type de sujet :  PORTRAIT (portraits),  PAYSAGE (paysages),  NOCTURNE (paysages faiblement éclairés),  MACRO (gros plans),  PORTRAIT NOCTURNE (portraits faiblement éclairés),  PORTRAIT CONTRE-JOUR (portraits en contre-jour),  AUTO (toutes les autres scènes)

 s'affiche sur le moniteur pour indiquer que l'appareil photo ajuste la mise au point en continu et tente de détecter des visages, ce qui augmente la consommation d'énergie.

Licône 

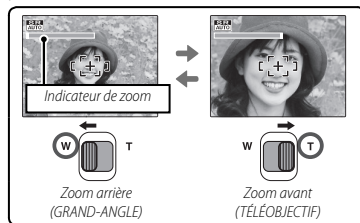


Licône scène

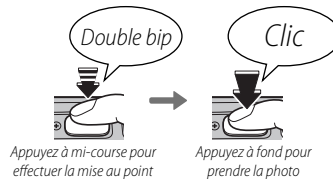
Prise de vue

Cette section décrit comment prendre des photos en mode  (reconnaissance scène).

- 1 Allumez l'appareil photo.
- 2 Utilisez la commande de zoom pour cadrer la photo sur l'écran.

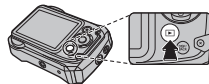


- 3 Appuyez sur le déclencheur à mi-course pour effectuer la mise au point. Si l'appareil photo parvient à faire la mise au point, il émet deux bips et un témoin lumineux vert s'allume ; pour prendre la photo, appuyez doucement mais à fond sur le déclencheur.



Visualisation des photos

Pour visualiser les photos, appuyez sur **▶**. La photo la plus récente s'affiche ; appuyez sur la touche de sélection gauche ou droite pour visualiser les autres images.



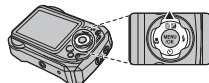
Pour effectuer un zoom avant sur la photo actuellement affichée, sélectionnez **T** avec la commande de zoom et utilisez la touche de sélection pour afficher les autres zones de l'image non visibles à l'écran.



Sélectionnez **W** pour augmenter le nombre d'images affichées ou **T** pour afficher moins d'images.

Suppression de photos

Pour supprimer une photo, affichez-la en plein écran et appuyez sur la touche de sélection supérieure (**⏏**), et sélectionnez la photo que vous souhaitez supprimer.



Pour quitter le mode de lecture et revenir au mode de prise de vue, appuyez sur le déclencheur.

Détection des pannes



Problème	Solution
L'appareil photo ne s'allume pas.	<ul style="list-style-type: none">• La batterie est déchargée : Rechargez la batterie ou insérez une batterie de rechange entièrement chargée.• La batterie n'est pas insérée correctement : Réinsérez-la dans le bon sens.• Le couvercle du compartiment de la batterie n'est pas verrouillé : Verrouillez le couvercle du compartiment de la batterie.

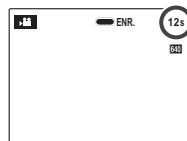
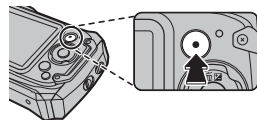
Pour obtenir plus d'informations sur le dépannage, veuillez vous rendre sur <http://www.fujifilm.com/>.

Pour obtenir plus d'informations, veuillez consulter le *Manuel du propriétaire* fourni (CD) ou vous rendre sur http://www.fujifilm.com/products/digital_cameras/index.html.


Vidéos



Enregistrement de vidéos

Appuyez sur  pour enregistrer une vidéo. Pendant l'enregistrement,  **ENR.** et la durée restante s'affichent sur l'écran LCD et le son est enregistré via le microphone intégré (faites attention de ne pas couvrir ce dernier pendant l'enregistrement).



La durée disponible s'affiche à l'écran


Pour arrêter l'enregistrement, appuyez à nouveau sur la commande . L'enregistrement s'arrête automatiquement lorsque la vidéo a atteint sa durée maximale ou lorsque la mémoire est pleine.







- ◆ Vous pouvez ajuster le zoom pendant l'enregistrement. Il est possible de choisir le type de zoom avec l'option  **TYPE ZOOM FILM** du menu configuration.
- ◆ La mise au point, l'exposition et la balance des blancs sont ajustées automatiquement pendant l'enregistrement (il est possible de choisir le mode de mise au point avec l'option  **MODE VIDEO AF** du menu prise de vue). La couleur et la luminosité de l'image peuvent être différentes de celles affichées avant que l'enregistrement ne commence.
- ◆ Il se peut que les sons émis par l'appareil photo soient enregistrés.

Enregistrement de vidéos

- ① Le témoin lumineux s'allume pendant l'enregistrement des vidéos. N'ouvrez pas le compartiment de la batterie pendant la prise de vue ou tant que le témoin lumineux est allumé. Si vous ne respectez pas cette précaution, la lecture de la vidéo pourrait devenir impossible.
- ① Des bandes verticales ou horizontales peuvent apparaître sur les vidéos contenant des sujets très lumineux. Ceci est normal et ne traduit pas un dysfonctionnement.
- ① Il se peut que la température de l'appareil photo augmente si ce dernier est utilisé pour enregistrer des vidéos pendant une période prolongée ou si la température ambiante est élevée. Ceci est normal et ne traduit pas un dysfonctionnement.

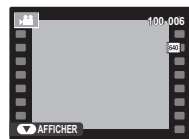
Taille d'image pour les vidéos

Avant de commencer l'enregistrement, sélectionnez une taille d'image à l'aide de l'option  **MODE VIDEO** du menu prise de vue.

Option	Description
 1920 (1920 × 1080)	Full HD (High Definition).
 1280 (1280 × 720)	Haute définition.
 640 (640 × 480)	Définition standard.
 640 × 480 (80 i/s)	Vidéo à grande vitesse. Le son n'est pas enregistré, et la mise au point, l'exposition et la balance des blancs ne sont pas réglées automatiquement.
 320 × 240 (160 i/s)	
 320 × 240 (240 i/s)	

Visualisation des vidéos

Pendant la lecture, les vidéos s'affichent sur l'écran LCD comme illustré à droite. Vous pouvez effectuer les opérations suivantes lorsqu'une vidéo est affichée :

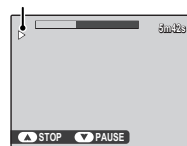


Option	Description
Lancer la lecture/faire une pause	Appuyez sur la touche de sélection inférieure pour lancer la lecture. Appuyez à nouveau pour faire une pause.
Mettre fin à la lecture/effacer	Appuyez sur la touche de sélection supérieure pour mettre fin à la lecture. Si la lecture n'est pas en cours, la vidéo sera effacée si vous appuyez sur la touche de sélection supérieure.
Régler la vitesse	Appuyez sur la touche de sélection gauche ou droite pour régler la vitesse de lecture pendant la lecture.
Régler le volume	Appuyez sur MENU/OK pour faire une pause pendant la lecture et afficher les commandes du volume. Appuyez sur la touche de sélection supérieure ou inférieure pour régler le volume et appuyez sur MENU/OK pour quitter. Vous pouvez également régler le volume depuis le menu configuration.

Vitesse de lecture

Appuyez sur la touche de sélection gauche ou droite pour régler la vitesse de lecture. La vitesse est indiquée par le nombre de flèches (▶ ou ◀).

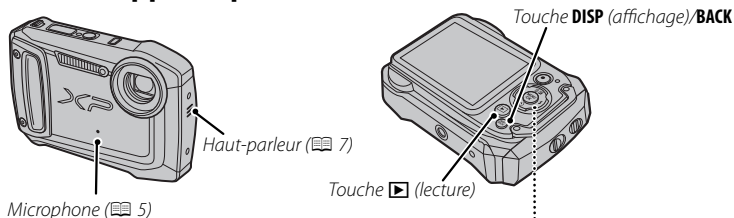
Flèche



① Ne couvrez pas le haut-parleur pendant la lecture.

Référence

Parties de l'appareil photo

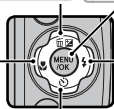


Touche de sélection

Touche de sélection (supérieure)/Touche **☑** (correction de l'exposition)/Touche **🗑️** (supprimer)

Touche **MENU/OK**

Touche de sélection (gauche)/
Touche **📁** (macro)










Touche de sélection (droite)/Touche **⚡** (flash)

Touche de sélection (inférieure)/Touche **⌚** (retardateur)

- **Touche **▶**** : Visualisez les photos (📖 4).
- **Touche **DISP/BACK**** : Affichez ou masquez les indicateurs ou annulez l'opération en cours. Maintenez enfoncé pour désactiver le haut-parleur et le flash dans les situations où ceux-ci ne sont pas désirables.














Options de prise de vue, de lecture et de configuration

■ Utilisation de la touche de sélection (☘, ⏸, ⚡ ou ☑) pendant la prise de vue


















Option	Description	Commande
☘ Macro  OFF	Réalisez des gros plans de petits objets.	Appuyez sur la <i>touche de sélection gauche</i> (☘) 
⏸ Retardateur 	Réduit l'effet bougé et permet les autoportraits.	Appuyez sur la <i>touche de sélection inférieure</i> (⏸) 
⚡ Flash 	Utilisez le flash pour un éclairage supplémentaire.	Appuyez sur la <i>touche de sélection droite</i> (⚡) 
☑ Correction de l'exposition	Photographiez des sujets très lumineux, très sombres ou très contrastés.	Appuyez sur la <i>touche de sélection supérieure</i> (☑) 

Options de prise de vue, de lecture et de configuration

■ Utilisation de la touche de sélection pendant la prise de vue (tous les modes)



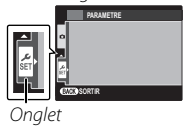











Option	Description	Commande
 MODE PRISE PHOTO	Choisissez un mode de prise de vue en fonction du type de sujet.	<p>Appuyez sur MENU/OK et naviguez avec la touche de sélection </p>
 ISO	Permet de contrôler la sensibilité de l'appareil photo à la lumière.	
 TAILLE D'IMAGE	Choisissez la taille et le format d'image avec lesquels les photos sont enregistrées.	
 QUALITE D'IMAGE	Choisissez le niveau de compression des fichiers images.	
 FINEPIX COULEUR	Cette option permet d'améliorer le contraste et la saturation des couleurs ou de prendre des photos en noir et blanc.	
 BALANCE DES BLANCS	Ajustez les couleurs pour contrebalancer l'eff et de différentes sources lumineuses colorées.	
 CONTINU	Restituez le mouvement en prenant une série de photos.	
 DETECTION SUJET	Choisissez si l'appareil photo détecte automatiquement les personnes et règle la mise au point et l'exposition sur celles-ci.	
 MODE AF	Cette option contrôle la façon dont l'appareil photo sélectionne la zone de mise au point pour les photos.	
 MODE VIDEO AF	Cette option contrôle la façon dont l'appareil photo sélectionne la zone de mise au point pour les vidéos.	
 MODE VIDEO	Choisissez une taille d'image pour les vidéos.	
 VOYANT LED	Choisissez si la DEL s'allume pour éclairer les sujets proches en cas de faible éclairage.	

■ Utilisation de la touche de sélection pendant la lecture (menu lecture)


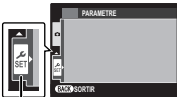















Option	Description	Commande
 CREA LIVRE ALBUM	Créez des albums avec vos photos préférées.	<p>Appuyez sur  pour lancer la lecture, appuyez sur MENU/OK et naviguez avec la touche de sélection </p>
 RECHERCHE PHOTOS	Recherchez des photos.	
 EFFACE	Supprimez toutes les photos ou les photos sélectionnées.	
 MODIFIER	Créez une copie retouchée de la photo en cours.	
 MONTER FILM	Edition de films.	
 BALISER TRANSF.	Sélectionnez les photos à télécharger sur YouTube ou Facebook avec MyFinePix Studio (Windows uniquement).	
 DIAPORAMA	Visionnez les photos sous forme de diaporama automatisé.	
 REDUC. YEUX ROUGE	Supprimez l'effet « yeux rouges » des photos prises avec la fonction de détection des visages.	
 PROTEGER	Cette option permet de protéger les photos contre toute suppression accidentelle.	
 RECADRER	Créez une copie recadrée de la photo en cours.	
 REDIMENSIONNER	Créez une petite copie de la photo en cours.	
 ROTATION IMAGE	Faites pivoter les photos afin de les afficher dans le bon sens.	
 COPIER	Copiez les photos entre la mémoire interne et une carte mémoire.	
 IMPRESSION (DPOF)	Sélectionnez les photos à imprimer via des périphériques compatibles avec DPOF et PictBridge.	
 FORMAT IMAGE	Choisissez la manière dont les périphériques Haute Définition (HD) affichent les photos ayant un format de 4:3.	

Options de prise de vue, de lecture et de configuration

■ Menu configuration

Option	Description	Commande
 DATE/HEURE	Régler l'horloge de l'appareil photo.	<p><i>Affichez le menu prise de vue ou lecture et appuyez sur la touche de sélection gauche pour mettre en surbrillance l'onglet des menus, puis appuyez sur la touche de sélection inférieure pour mettre en surbrillance  et enfin, appuyez sur la touche de sélection droite pour positionner le curseur dans le menu configuration</i></p> 
 DECALAGE HOR	Régler l'horloge sur l'heure locale.	
 言語/LANG.	Choisissez une langue.	
 MODE SILENCE	Choisissez OUI pour désactiver le haut-parleur et le flash dans les situations où ceux-ci ne sont pas désirables.	
 INITIALISER	Réinitialisez les réglages sur leurs valeurs par défaut.	
 FORMATAGE	Formatez la carte mémoire ou la mémoire interne.	
 IMAGE	Choisissez la durée d'affichage des photos sur l'écran LCD après la prise de vue.	
 NUMERO IMAGE	Choisissez la méthode de dénomination des fichiers.	
 VOL. APPAREIL	Réglez le volume des sons émis par l'appareil photo lors de l'utilisation des commandes.	
 VOL. DECL.	Réglez le volume des sons émis par l'appareil photo lors du déclenchement.	
 SON	Choisissez les sons émis par le déclencheur, au moment du démarrage et lors de l'utilisation des commandes.	
 VOL. LECTURE	Réglez le volume de lecture des vidéos.	

Options de prise de vue, de lecture et de configuration

Option	Description	Commande
 LUMINOSITE LCD	Réglez la luminosité de l'écran.	<p><i>Affichez le menu prise de vue ou lecture et appuyez sur la touche de sélection gauche pour mettre en surbrillance l'onglet des menus, puis appuyez sur la touche de sélection inférieure pour mettre en surbrillance SET et enfin, appuyez sur la touche de sélection droite pour positionner le curseur dans le menu configuration</i></p>  <p><i>Onglet</i></p>
 MODE LCD	Choisissez si l'écran s'éteint progressivement de manière automatique afin d'économiser l'énergie.	
 EXT. AUTO	Choisissez le délai d'extinction automatique.	
 DOUBLE STAB	Choisissez une option de stabilisation d'image.	
 REDUC. YEUX ROUGE	Réduisez l'effet « yeux rouges ».	
 ZOOM NUM.	Activez ou désactivez le zoom numérique.	
 TYPE ZOOM FILM	Choisissez le type de zoom utilisé lors de l'enregistrement vidéo.	
 SAUVEGARDER PHOTO D'ORG	Choisissez OUI pour sauvegarder des copies non traitées des photos prises avec  REDUC. YEUX ROUGE ,  BASSE LUM. PRO ou  PRIORITE PLAGE-D.	
 REGL. ROTAT AUTO (XP150/XP160 uniquement)	Choisissez OUI pour que les photos prises à la verticale (portrait) pivotent automatiquement pendant la lecture.	
 AFF. DE L'AIDE	Cette option permet d'afficher des conseils.	
 STAN. VIDEO	Choisissez un mode vidéo pour la connexion à un téléviseur.	
 CACHET DATE	Estampillez vos photos avec l'heure et/ou la date d'enregistrement au moment où vous les prenez.	
 DÉMONSTRATION (XP150/XP160 uniquement)	Choisissez OUI pour une démo GPS. Cette option doit être normalement laissée sur NON .	

Fonctionnalités du produit et précautions d'emploi

■ Résistance à l'eau, à la poussière et aux chocs

- ① L'appareil photo est en conformité avec la norme de classe 8 JIS pour la résistance à l'eau et la norme de classe 6 JIS (IP68) pour la résistance à la poussière. Il a réussi les tests de chute de FUJIFILM (hauteur de chute : 1,5 m ; surface d'impact : contreplaqué, épaisseur 5 cm) en conformité avec MIL-STD 810F, Méthode 516.5 : Choc. Ces résultats proviennent de tests réalisés en interne et ne constituent pas une garantie globale de résistance à l'eau ou d'invulnérabilité face aux dommages ou à la destruction. Les accessoires fournis avec l'appareil photo ne sont pas résistants à l'eau.

■ Avant toute utilisation

- ① La surface avant de l'objectif de l'appareil photo est protégée par du verre. Tout élément présent sur le verre apparaîtra sur les photos : veillez à ce que le verre reste toujours propre.
- ① Assurez-vous que le couvercle du compartiment de la batterie et le cache-bornes sont verrouillés correctement. La présence d'eau, de boue ou de sable dans l'appareil photo pourrait provoquer son dysfonctionnement.
- ① N'ouvrez pas ou ne fermez pas le couvercle du compartiment de la batterie ou le cache-bornes avec les mains mouillées ou à proximité d'eau, par exemple si vous êtes dans l'eau ou au bord de l'eau.
- ① Vérifiez que l'appareil photo est totalement sec avant d'insérer ou de retirer les batteries/piles ou les cartes mémoire ou encore de raccorder le câble USB ou AV.

- ① L'appareil photo ne flotte pas. Assurez-vous de bien fixer la dragonne et d'enrouler cette dernière autour de votre poignet lorsque vous utilisez l'appareil photo.

■ Utilisation

- ① Utilisez cet appareil photo sous l'eau à des profondeurs de 5 m maximum et pendant des durées inférieures à 120 minutes.
- ① N'ouvrez pas ou ne fermez pas le couvercle du compartiment de la batterie sous l'eau.
- ① N'utilisez pas cet appareil photo dans des sources thermales ou des piscines chauffées.
- ① Ne plongez pas avec l'appareil photo ou ne le soumettez pas à une pression excessive quelle que soit sa nature.
- ① Si vous laissez l'appareil photo sur le sable, sa température risque de dépasser les limites de fonctionnement. Le sable peut également s'infiltrer dans le haut-parleur ou le microphone.
- ① Les crèmes et laits solaires ou toute autre substance grasse peuvent décolorer le boîtier de l'appareil photo. Essayez toute trace avec un chiffon humide.
- ① L'appareil photo risque de perdre sa résistance à l'eau s'il est soumis à une pression ou à des vibrations excessives. Consultez votre revendeur ou un réparateur agréé FUJIFILM.

■ Après toute utilisation

- ① Retirez tout élément éventuellement présent sur le joint d'étanchéité et les surfaces adjacentes. Ces éléments pourraient endommager le joint, entraînant une diminution de la résistance à l'eau.

- ① Après avoir utilisé l'appareil photo sous l'eau ou dans des endroits où des éléments extérieurs risquent d'adhérer au boîtier, rincez l'appareil photo au robinet ou faites-le tremper dans une baignoire d'eau douce pendant deux à trois minutes.

- ① N'utilisez jamais de savons liquides, de détergents, d'alcool et d'autres nettoyants car ils peuvent compromettre la résistance à l'eau de l'appareil photo.
- ① Après toute utilisation, essuyez les gouttes d'eau et tout autre élément avec un chiffon sec, verrouillez bien le couvercle du compartiment de la batterie et faites tremper l'appareil photo dans de l'eau douce pendant dix minutes environ. Essayez soigneusement l'appareil photo après l'avoir sorti de l'eau.

■ Stockage et maintenance

- ① Ne rangez pas l'appareil photo à des températures inférieures à 0°C ou supérieures à 40°C.
- ① Pour garantir une résistance à l'eau permanente, il est recommandé de remplacer le joint d'étanchéité environ une fois par an (ce service est payant). Prenez contact avec votre revendeur ou un réparateur agréé FUJIFILM pour obtenir plus d'informations.

■ Climats froids

- ① Les performances des batteries diminuent à basse température, ce qui a pour conséquence de réduire le nombre de prises de vues possible. Isolez l'appareil photo pour le maintenir au chaud ou placez-le dans vos vêtements.
- ① Utilisez une batterie NP-50A.
- ① Il se peut que l'affichage mette plus de temps à réagir à basse température. Il ne s'agit pas d'un dysfonctionnement.



Asegúrese de leer estas notas antes de utilizar el producto

Notas de seguridad

- Asegúrese de utilizar su cámara correctamente. No olvide leer estas notas de seguridad y este *Manual del propietario* con la máxima atención antes de utilizarla.
- Después de leer estas notas de seguridad, guárdelas en un lugar seguro.

Acerca de los símbolos

Los símbolos que se explican a continuación indican la gravedad y el peligro que puede existir si no se tiene en cuenta la información indicada por el símbolo o si el producto se utiliza incorrectamente.

	Este símbolo indica que si se ignora la advertencia, el uso inadecuado del producto puede causar la muerte o lesiones graves.
	Este símbolo indica que si se ignora la advertencia, el uso inadecuado del producto puede causar lesiones personales o daños materiales.

⚠ ADVERTENCIA

Si se presenta cualquier problema, desconecte la cámara, extraiga la pila, y desconecte y desenchufe el adaptador de alimentación de CA. Si se sigue usando la cámara cuando sale humo de la misma, se produce algún olor extraño o cuando está ocurriendo algo anormal, podría producirse un incendio o una descarga eléctrica. Póngase en contacto con su distribuidor FUJIFILM.

Evite la entrada de agua o de cualquier objeto extraño dentro de la cámara. Si entra agua o algún cuerpo extraño en la cámara, desconéctela, extraiga la pila, y desconecte y desenchufe el adaptador de alimentación de CA. No continúe utilizando la cámara, ya que podría causar un incendio o una descarga eléctrica. Póngase en contacto con su distribuidor FUJIFILM.

No utilice esta cámara en el cuarto de baño. Si lo hiciera podría producirse un incendio o descargas eléctricas.

Nunca intente modificar o desmontar la cámara (nunca abra la tapa). Si no cumple con esta precaución podría producirse un incendio o descargas eléctricas.

⚠ ADVERTENCIA

Si a causa de una caída o accidente la tapa se abre, no toque las partes expuestas. Si hace caso omiso de esta precaución, podría producirse un incendio o una descarga eléctrica al tocar las partes dañadas. Extraiga las pilas inmediatamente, teniendo mucho cuidado de evitar lesiones o descargas eléctricas, y lleve el producto al punto de adquisición para consulta.

No modifique, caliente ni retuerza el cable o tire del mismo de forma inadecuada y no coloque objetos pesados sobre el mismo. Estas acciones pueden dañar el cable, lo que podría resultar en un incendio o una descarga eléctrica. Si el cable resulta dañado, póngase en contacto con el distribuidor de FUJIFILM.

No coloque la cámara sobre una superficie inestable. Si lo hiciera podría caerse y causar lesiones.

Nunca intente hacer fotos cuando se esté moviendo. No use la cámara cuando vaya andando o cuando vaya conduciendo un vehículo. Si lo hiciera podría caerse o causar un accidente.

No toque las partes metálicas de la cámara durante una tormenta. Si lo hiciera, podría producirse una descarga eléctrica debido a la corriente inducida por los relámpagos.

Use la pila únicamente de la forma especificada. Coloque la pila tal y como muestra el indicador.

No someta la pila a fuentes de calor, modificaciones ni la desmonte. **No someta la pila a fuertes impactos, ni la tire contra el suelo.** **No almacene la pila junto a objetos metálicos.** Cualquiera de estas acciones pueden hacer que la pila se parta o suelte líquido, causando un incendio o lesiones.

Utilice sólo la pila o el adaptador de alimentación de CA que se especifican para el uso con esta cámara. Utilice sólo la fuente de alimentación del voltaje indicado. El uso de otras fuentes de alimentación puede causar un incendio.

Si la pila tiene fugas y el fluido entra en contacto con sus ojos, piel o ropa, lave repetidamente la parte afectada con agua limpia e inmediatamente busque asistencia médica o contacte con los servicios de emergencias.

Si la batería se coloca incorrectamente existe el riesgo de explosión. Sustituir únicamente por el mismo tipo o equivalente.

No utilice el producto en la presencia de objetos inflamables, gases explosivos o polvo.

⚠ ADVERTENCIA

Cuando transporte la pila, colóquela en la cámara digital o manténgala dentro del estuche. Al almacenar la pila, guárdela en el estuche. Cuando la deseché, tape los terminales de la misma con cinta aislante. El contacto con otros objetos metálicos o pilas podría provocar la explosión o incendio de la pila.

Mantenga las tarjetas de memoria fuera del alcance de los niños pequeños. Dado el pequeño tamaño de las tarjetas de memoria, podrían ser ingeridas por un niño. Asegúrese de guardar las tarjetas de memoria fuera del alcance de los niños. Si un niño ingiere una tarjeta de memoria, busque asistencia médica o contacte con los servicios de emergencia.

⚠ PRECAUCIÓN

No guarde esta cámara en un lugar en el que existan vapores de aceite o similares, humedad o polvo. Si lo hiciera podría producirse un incendio o descargas eléctricas.

No deje esta cámara en lugares expuestos a altas temperaturas. No deje la cámara en lugares tales como un vehículo cerrado o donde dé la luz directa del sol. Podría producir un incendio.

Mantener fuera del alcance de los niños. Este producto puede producir lesiones en manos de un niño.

No coloque objetos pesados sobre la cámara. Esto podría hacer que el objeto pesado se cayera y producir lesiones.

No mueva la cámara mientras el adaptador de alimentación de CA está conectado. No tire del cable de conexión para desconectar el adaptador de alimentación de CA. Esto podría estropear el cable de alimentación y provocar un incendio o descargas eléctricas.

Si el enchufe está dañado o la toma de conexión está suelta, no utilice el adaptador de alimentación de CA. Si lo hiciera podría producirse un incendio o descargas eléctricas.

No tape ni envuelva la cámara o el adaptador de alimentación de CA con un paño o manta. Esto podría causar un calentamiento que deformaría la carcasa o podría causar un incendio.

Quando limpie la cámara o no tenga intención de utilizarla durante un tiempo prolongado, extraiga la pila y desconecte y desenchufe el adaptador de alimentación de CA. Si no lo hiciera, podría producirse un incendio o descargas eléctricas.

PRECAUCIÓN

Al terminar de cargar la pila, desconecte el cargador del enchufe de la red. Si deja el cargador enchufado a la red se puede producir un incendio.

Utilizar un flash demasiado cerca de los ojos de una persona puede afectar su vista momentáneamente. Tenga especial cuidado al fotografiar a niños pequeños.

Retire sus dedos de la ventana del flash antes de que se dispare. Si se hace caso omiso de esta precaución podrían producirse quemaduras.

Mantenga la ventana del flash limpia y no utilice el flash si la ventana se encuentra obstruida. De no cumplir con estas precauciones podría aparecer humo o decoloraciones.

AVISO IMPORTANTE:

Lea antes de utilizar el Software

Está prohibida la exportación directa o indirecta, completa o en parte, del software con licencia sin el permiso de las autoridades gubernamentales correspondientes.

Manejo de la cámara

No apunte la cámara a fuentes de luz extremadamente brillantes, como por ejemplo al sol en un día despejado. Si hace caso omiso de esta precaución podría dañar el sensor de imagen de la cámara.

Pilas de ión de litio

A continuación se describe cómo utilizar correctamente las pilas y prolongar así su vida útil. El uso incorrecto reducirá la vida útil de la pila o podría causar fugas, sobrecalentamientos, incendios o explosiones.

La pila no sale de fábrica cargada. Cargue la pila antes de utilizarla. Si no va a utilizar la pila, guárdela en su funda.

■ Almacenamiento

Si una pila permanece almacenada durante largos períodos de tiempo encontrándose cargada, el rendimiento de la pila puede resultar negativamente afectado. Antes de almacenar una pila, deje que se agote completamente.

Si no va a utilizar la cámara durante largos períodos de tiempo, extraiga la pila y guárdela en un lugar seco que posea una temperatura ambiente de entre +15°C y +25°C. No la guarde en lugares expuestos a temperaturas extremas.

■ Precauciones: Manejo de la pila

- Utilícela únicamente con los cargadores designados.
- Evite que entre en contacto con el agua.
- Mantenga los terminales limpios.
- La pila y la carcasa de la cámara podrían estar calientes al tacto tras un uso prolongado. Esto es normal. Durante períodos de uso continuado se recomienda un adaptador de alimentación de CA.



No transporte ni guarde las pilas de manera que puedan entrar en contacto con objetos metálicos, como por ejemplo collares u horquillas del pelo.



No la exponga a llamas o fuentes de calor.

Desecho

Deséchase de las pilas usadas en conformidad con las normativas locales. Antes de desechar la cámara, incluyendo las pilas o acumuladores, póngase en contacto con las autoridades responsables de la gestión de desechos para obtener información sobre la forma de desecho correcta.

Cristal líquido

Si el monitor LCD es dañado, deberá tomar las medidas necesarias para evitar todo contacto con el cristal líquido. Si se presenta alguna de las siguientes situaciones tome urgentemente las acciones indicadas:

- **Si el cristal líquido entra en contacto con su piel,** limpie el área afectada con un paño y a continuación lávela profusamente con jabón y agua corriente.
- **Si el cristal líquido entra en contacto con sus ojos,** lávese profusamente los ojos con agua limpia durante al menos 15 minutos y después busque asistencia médica.

- **Si ingiere cristal líquido,** lávese la boca profusamente con agua. Beba grandes cantidades de agua y trate de provocarse vómitos, a continuación busque asistencia médica.

Aunque la pantalla ha sido fabricada utilizando tecnología de la más alta precisión, podría contener píxeles que permanezcan siempre iluminados o que no se iluminen nunca. Esto no indica un mal funcionamiento y las imágenes grabadas con el producto no se verán afectadas.

Notas sobre derechos de autor

Las imágenes grabadas mediante su sistema de cámara digital no se pueden utilizar de forma que infrinjan las leyes de los derechos de autor (copyright) sin consentimiento del propietario, a menos que estén destinadas exclusivamente al uso personal. Tenga en cuenta que algunas restricciones se aplican a las fotografías de espectáculos sobre un escenario, diversiones, y exhibiciones, incluso aunque estén destinadas a un uso puramente personal. Se advierte a los usuarios de que la transferencia de tarjetas de memoria que contengan imágenes o datos protegidos por las leyes de propiedad intelectual sólo está autorizada siempre que cumplan con las leyes vigentes y dentro de las restricciones que las mismas incluyan.

AVISOS

Para prevenir un incendio o riesgo de descargas eléctricas, no exponga la unidad a la lluvia o humedad.

Lea las "Notas de seguridad" y asegúrese de comprenderlas antes de utilizar la cámara.

Materiales de perclorato—pueden necesitar un manejo especial. Consulte <http://www.dtscc.ca.gov/hazardouswaste/perchlorate>.

Información sobre marcas comerciales

xD-Picture Card y **SD** son marcas comerciales de FUJIFILM Corporation. Los caracteres incluidos de ahora en adelante han sido desarrollados exclusivamente por DynaComware Taiwan Inc. Macintosh, QuickTime, y Mac OS son marcas comerciales de Apple Inc. en los Estados Unidos y en otros países. Windows 7, Windows Vista y el logotipo de Windows son marcas comerciales del grupo empresarial Microsoft. Adobe y Adobe Reader son marcas comerciales o marcas comerciales registradas de Adobe Systems Incorporated en los Estados Unidos y/o en otros países. Los logotipos SDHC y SDXC son marcas comerciales de SD-3C, LLC. El logotipo HDMI es una marca comercial. YouTube es una marca comercial de Google Inc. Cualquier otro nombre comercial mencionado en este manual es la marca comercial o la marca comercial registrada de sus respectivos propietarios.

Para los clientes en los EE.UU.

Prueba para cumplir con la normativa FCC PARA USO EN EL HOGAR U OFICINA

Declaración FCC: Este dispositivo cumple con la Parte 15 de las normas FCC. El funcionamiento depende de las siguientes dos condiciones: (1) Este dispositivo no puede causar interferencias dañinas, y (2) este dispositivo debe aceptar las interferencias recibidas, incluyendo las interferencias que podrían causar un funcionamiento no deseado.

PRECAUCIÓN: Este dispositivo ha sido probado y encontrado en pleno cumplimiento con los límites para dispositivos digitales de Clase B en conformidad con la Parte 15 de las normas FCC. Dichos límites han sido diseñados para proporcionar una protección razonable contra interferencias dañinas en una instalación residencial. El equipo genera, utiliza, y puede radiar energía de radio frecuencia, y si no se instala y utiliza de acuerdo a las instrucciones, podría causar interferencias dañinas en las comunicaciones de radio. Sin embargo, no existe garantía alguna de que la interferencia no se producirá en una instalación en particular. Si este equipo produce interferencias dañinas en la recepción de radio o televisión, las cuales pueden determinarse encendiendo y apagando el equipo, se recomienda al usuario intentar corregir las interferencias mediante una de las siguientes medidas:

- Reorientar o colocar la antena receptora en otro lugar.

- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo en una toma con diferente circuito al cual el receptor esté conectado.
- Consulte al distribuidor o a un técnico experimentado de radio/televisión para obtener ayuda.
- Se le advierte que cualquier cambio o modificación que no haya sido expresamente autorizado en este manual podría anular la autoridad del usuario para manejar el equipo.

Notas sobre la garantía: Para cumplir con la Parte 15 de las normas FCC, este producto debe utilizarse con un cable de A/V de núcleo de ferrita especificado por Fujifilm, un cable USB y un cable de suministro de CC.

Para los clientes en Canadá

PRECAUCIÓN: Este aparato digital de Clase B cumple con la ICES-003 canadiense.

INSTRUCCIONES DE SEGURIDAD IMPORTANTES

- Lea estas instrucciones.
- Guarde estas instrucciones.
- Preste atención a todos los avisos.
- Siga todas las instrucciones.
- No utilice este aparato cerca del agua.
- Limpie únicamente con un paño seco.
- No bloquee ninguna abertura de ventilación. Instalar en conformidad con las instrucciones del fabricante.
- No instalar cerca de fuentes de calor tales como radiadores, o registros de calor, estufas u otros aparatos que produzcan calor (incluyendo amplificadores).
- Evite que el cable de alimentación sea pisado, pinzado, especialmente a la altura del enchufe, tomacorrientes y en el punto de salida del aparato.
- Utilizar únicamente accesorios especificados por el fabricante.
- Desenchufe este aparato durante tormentas eléctricas o al no utilizarlo durante largos períodos de tiempo.
- Para cualquier consulta sobre el mantenimiento póngase en contacto con el personal de servicio cualificado. El mantenimiento será necesario si el aparato ha sido dañado de algún modo, como por ejemplo daños en el cable del suministro de alimentación o en el enchufe, si se ha derramado líquido o si objetos han caído sobre el aparato, si el aparato ha sido expuesto a la lluvia o humedad, si no funciona con normalidad o si se ha caído.

Cuidado de la cámara

Para poder disfrutar de forma continua de este producto, tenga en cuenta las siguientes precauciones.

Almacenamiento y uso

Si la cámara no se va a utilizar durante un periodo prolongado, extraiga la pila y la tarjeta de memoria.

No almacene o utilice la cámara en lugares:

- expuestos a la lluvia, vapor o humo
- muy húmedos o extremadamente sucios
- expuestos a la luz solar directa o a temperaturas muy altas, como en el interior de un vehículo cerrado en un día soleado
- extremadamente fríos
- afectados por vibraciones fuertes
- expuestos a campos magnéticos fuertes, como por ejemplo cerca de antenas transmisoras, líneas de energía, emisores de radar, motores, transformadores e imanes
- expuestos a productos químicos volátiles tales como pesticidas
- junto a productos de caucho o vinilo

Agua y arena

La exposición al agua y a la arena puede dañar la cámara, sus circuitos internos y sus mecanismos. Al utilizar la cámara en la playa o en la costa, evite exponerla al agua o a la arena. No coloque la cámara sobre una superficie mojada.

■ Condensación

El incremento repentino de la temperatura, como al entrar en un edificio con calefacción en un día frío, puede hacer que se produzca condensación dentro de la cámara. Si esto ocurre, apague la cámara y espere una hora antes de volver a encenderla. Si se produce condensación en la tarjeta de memoria, extraiga la tarjeta y espere a que se disipe la condensación.

Limpieza

Utilice un soplador para quitar el polvo del objetivo y del monitor LCD; luego, limpie suavemente con un paño suave y seco. Las manchas se pueden eliminar limpiando suavemente con un papel de limpieza para objetivos de FUJIFILM, el cual debe tener una pequeña cantidad de líquido para limpieza de objetivos. Tenga cuidado de no rayar el objetivo o el monitor LCD. El cuerpo de la cámara se puede limpiar con un paño suave y seco. No utilice alcohol, disolvente o cualquier otro producto químico volátil.

Transporte

Mantenga la cámara en su equipaje de mano. El equipaje facturado podría sufrir golpes violentos que podrían dañar la cámara.

Desecho de equipos eléctricos y electrónicos en el hogar

En la Unión Europea, Noruega, Islandia y Liechtenstein: Este símbolo en el producto, o en el manual y en la garantía, y/o en su envoltura indica que este producto no deberá ser tratado como residuo doméstico. Por el contrario, deberá llevarlo al punto de recolección aplicable para el reciclado del equipo electrónico y eléctrico.



Al asegurarse de que este producto sea desechado correctamente, ayudará a prevenir daños al medio ambiente y a la salud de las personas, que podrían derivarse del desecho incorrecto de este producto.

Este símbolo en las baterías o acumuladores indica que las pilas no deberán ser tratadas como residuos domésticos.



Si su equipo posee pilas extraíbles o acumuladores, deséchelos por separado en conformidad con sus requisitos locales.

El reciclaje de materiales ayudará a la conservación de los recursos naturales. Para obtener más información sobre el reciclaje de este producto, póngase en contacto con su oficina municipal local, su servicio de recogida de basuras o la tienda en la que adquirió el producto.

En países fuera de la Unión Europea, Noruega, Islandia y Liechtenstein: Si desea desechar este producto, incluyendo las pilas o acumuladores, póngase en contacto con sus autoridades locales y consulte cuál es el mejor modo de desecho.

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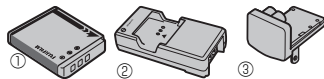
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Primeros pasos

Accesorios suministrados



- ① Pila recargable NP-50A ② Cargador de pilas BC-50A
③ Adaptador de clavija (La forma del adaptador varía según la región de venta.)

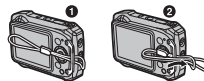


- ④ Cable USB ⑤ Correa ⑥ CD-ROM



- Basic Manual (este documento)
- Manual del propietario (en algunos países o regiones podría distribuirse en CD)

Coloque la correa tal y como se muestra.



Tarjetas de memoria

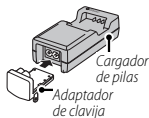
Las imágenes se pueden almacenar en la memoria interna de la cámara o en tarjetas de memoria SD, SDHC y SDXC opcionales, referidas en este manual como "tarjetas de memoria".

Carga de la pila

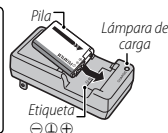
La pila no sale de fábrica cargada. Cargue la pila antes de utilizarla.

- 1 Coloque el adaptador de clavija tal y como se muestra debajo, asegurándose de que esté completamente insertado y encaje en su lugar sobre los terminales del cargador.

- ① El adaptador de clavija es para uso exclusivo con el cargador de pila suministrado. No lo utilice con otros dispositivos.



- 2 Coloque la pila de acuerdo a la orientación indicada por las etiquetas ⊖ ⊕ ⊕.

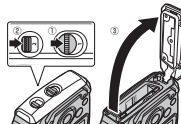


- 3 Conecte el cargador. El indicador de carga se iluminará.
- 4 Extraiga la pila cuando la lámpara indicadora se ilumine en verde indicando que la carga está completa.

Inserción de la pila y de la tarjeta de memoria

- 1 Abra la tapa del compartimiento de las pilas.

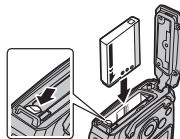
Suelte la pestaña de bloqueo (①) y el cierre de seguridad (②) y abra la cubierta del compartimiento de las pilas (③).



- ❖ Antes de abrir la tapa, asegúrese de que la cámara esté apagada.

- 2 Introduzca la pila.

Alinee la franja naranja de la pila con la franja naranja del pestillo de la pila e introduzca la pila en la cámara, manteniendo el pestillo de la pila presionado hacia un lado. Confirme que la pila esté correctamente acoplada.

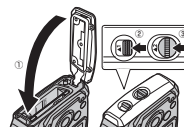


- 3 Introduzca una tarjeta de memoria tal y como se muestra, deténgase cuando encaje en su lugar en la parte trasera de la ranura.



- ❖ Asegúrese de que la tarjeta esté en la orientación correcta, no la inserte en ángulo ni utilice fuerza.

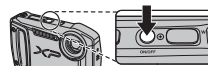
- 4 Cierre y bloquee la tapa del compartimiento de la pila. Cierre la cubierta (①) y luego cierre la pestaña de bloqueo (②) y el cierre de seguridad (③).



- Ⓜ No utilice fuerza excesiva al manipular la tapa del compartimiento de las pilas.

Encender la cámara

Pulse el botón **ON/OFF** para encender la cámara. Podrá apagar la cámara pulsando de nuevo el botón **ON/OFF**.



Selección del idioma/Ajuste del reloj de la cámara

Cuando se enciende la cámara por primera vez, aparece un cuadro de diálogo de selección de idioma. Resalte un idioma y pulse **MENU/OK**. Se le solicitará ajustar el reloj de la cámara; pulse el selector hacia la izquierda o derecha para resaltar el año, mes, día, hora o minuto y pulse el selector hacia arriba o hacia abajo para cambiar (para cambiar el orden en el que el año, mes y día son visualizados, resalte el formato de la fecha y pulse el selector hacia arriba o hacia abajo). Una vez finalizados los ajustes, pulse **MENU/OK**.

SR modo

En este modo, la cámara analiza automáticamente la composición y ajusta adecuadamente la configuración.


La cámara selecciona la escena según las condiciones de disparo y el tipo de sujeto:

- **RETRATO** (retratos), ● **PAISAJE** (paisajes), ● **NOCTURNO** (paisajes escasamente iluminados), ● **MACRO** (primeros planos), ● **RETRATO NOCTURNO** (retratos escasamente iluminados), ● **RETRATO A CONTRALUZ** (retratos a contraluz), ● **AUTO** (el resto de las escenas)

Símbolo 



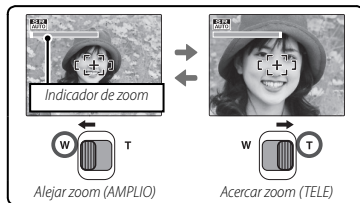
Símbolo de escena

 es visualizado en el monitor para indicar que la cámara está ajustando continuamente el enfoque y buscando rostros, aumentando el desgaste de la pila.

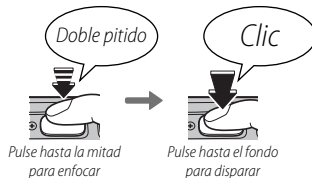
Toma de imágenes

En esta sección se explica cómo tomar fotografías en el modo  (reconocim. escena).

- 1 Enciende la cámara.
- 2 Utilice el control de zoom para encuadrar la imagen en la pantalla.

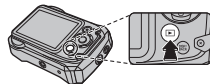


- 3 Pulse el disparador hasta la mitad para enfocar. Si la cámara puede enfocar, sonará un pitido dos veces y la lámpara indicadora se iluminará en verde; para tomar la fotografía, pulse suavemente el disparador hasta el fondo.

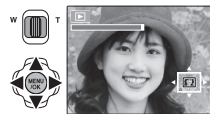


Visualización de imágenes

Para ver imágenes, pulse **▶**. La imagen más reciente será visualizada; pulse el selector hacia la izquierda o derecha para ver imágenes adicionales.



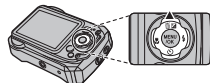
Para acercar el zoom sobre la imagen actual, seleccione **T** con el control de zoom y utilice el selector para ver las áreas de la imagen que no están actualmente visibles en la pantalla.



Seleccione **W** para aumentar el número de imágenes visualizadas o **T** para ver menos imágenes.

Borrar imágenes

Para borrar una imagen, visualícela a pantalla completa y pulse el selector hacia arriba (**⏏**), y seleccione una imagen a borrar.



Para salir de la reproducción y volver al modo de disparo, pulse el disparador.

Resolución de problemas

Problema	Solución
La cámara no se enciende.	<ul style="list-style-type: none">• La pila está agotada: Cargue la pila o inserte una pila de repuesto completamente cargada.• No ha colocado la pila correctamente: Vuelva a colocarla en la posición correcta.• La tapa del compartimiento de las pilas no está cerrada: Cierre la tapa del compartimiento de las pilas.

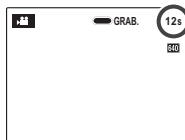
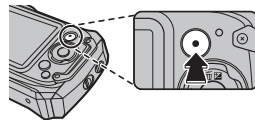
Si desea información adicional sobre la resolución de problemas, visite <http://www.fujifilm.com/>.

Para más información, consulte el *Manual del propietario* (CD) o visite http://www.fujifilm.com/products/digital_cameras/index.html.

Vídeos

Grabación de vídeos

Pulse **[REC]** para grabar un vídeo. Durante la grabación **[REC]** **GRAB.** y el tiempo restante serán visualizados en el monitor LCD y el sonido será registrado mediante el micrófono incorporado (ponga especial atención para no bloquear el micrófono durante la grabación).



El tiempo disponible aparece visualizado en el monitor

Para finalizar la grabación, pulse de nuevo el botón **[REC]**. La grabación termina automáticamente cuando el vídeo alcanza la duración máxima o cuando la memoria está llena.







- ◆ Mientras la grabación está en curso puede ajustar el zoom. Podrá seleccionar el tipo de zoom utilizando la opción **[ZOOM]** **ZOOM PELÍCULA** del menú de configuración.
- ◆ El enfoque, la exposición y el balance de blancos se ajustan automáticamente durante la grabación (el modo de enfoque puede seleccionarse utilizando la opción **[MODO]** **AF VÍDEO** del menú de disparo). El color y el brillo de la imagen podrían variar respecto de los que se visualizan antes de iniciar la grabación.
- ◆ Los sonidos realizados por la cámara podrían grabarse.

- Ⓛ La lámpara indicadora se enciende durante la grabación de vídeos. No abra el compartimiento de las pilas durante la grabación ni mientras la lámpara indicadora esté encendida. Si hace caso omiso de esta precaución, es posible que el vídeo no se pueda reproducir.
- Ⓛ Pueden aparecer franjas verticales u horizontales en vídeos que contienen sujetos muy brillantes. Esto es normal y no indica mal funcionamiento.
- Ⓛ La temperatura de la cámara podría aumentar si se utiliza para grabar vídeos durante largos períodos de tiempo o si la temperatura ambiente es alta. Esto es normal y no indica mal funcionamiento.

Tamaño del fotograma de vídeo

Antes de grabar, seleccione el tamaño del fotograma utilizando la opción

 **MODO VÍDEO** en el menú de disparo.

Opción	Descripción
 1920 (1920 × 1080)	HD total (High Definition: Alta Definición).
 1280 (1280 × 720)	Alta definición.
 640 (640 × 480)	Definición estándar.
 640 × 480 (80 fps)	Vídeo a alta velocidad. No se grabará el sonido, y el enfoque, exposición y equilibrio blanco no se ajustarán automáticamente.
 320 × 240 (160 fps)	
 320 × 240 (240 fps)	

Visualización de los vídeos

Durante la reproducción, los vídeos se visualizan en el monitor LCD como se muestra a la derecha. Se pueden realizar las siguientes operaciones mientras se visualiza un vídeo:



Opción	Descripción
Iniciar/interrumpir la reproducción	Pulse el selector hacia abajo para iniciar la reproducción. Púselo de nuevo para hacer una pausa.
Finalizar reproducción/borrar	Pulse el selector hacia arriba para finalizar la reproducción. Si pulsa el selector hacia arriba sin que esté reproduciendo un vídeo, se borrará el vídeo.
Ajuste de velocidad	Pulse el selector hacia la izquierda o derecha para ajustar la velocidad de reproducción durante la reproducción.
Ajustar el volumen	Pulse MENU/OK para hacer una pausa en la reproducción y visualizar los controles de volumen. Pulse el selector hacia arriba o hacia abajo para ajustar el volumen y pulse MENU/OK para salir. El volumen también puede ser ajustado desde el menú de configuración.

Velocidad de reproducción

Pulse el selector hacia la izquierda o derecha para ajustar la velocidad de reproducción. La velocidad se muestra mediante el número de flechas (▶ o ◀).

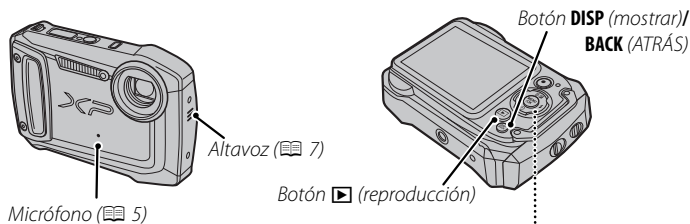
Flecha



① No cubra el altavoz durante la reproducción.

Referencia

Partes de la cámara



Botón selector

Cursor hacia arriba/ Botón ⬆ (compensación de exposición)/🗑 (borrar)

Botón **MENU/OK**

Cursor hacia la izquierda/Botón ⬅ (macro)

















Cursor hacia la derecha/Botón ➡ (flash)

Cursor hacia abajo/Botón ⬇ (autodisparador)














- **Botón ▶**: Visualiza imágenes (📖 4).
- **Botón DISP/BACK**: Visualiza u oculta indicadores o cancela la operación actual. Manténgalo pulsado para deshabilitar el altavoz y el flash en aquellas situaciones en las que no sea oportuno que la cámara emita luces y sonidos.

Opciones de disparo, reproducción y configuración

■ Uso del Selector (☘, ☺, ⚡, 0, ☒) durante los disparos


















Opción	Descripción	Control
☘ Macro  OFF	Realiza primeros planos de objetos pequeños.	<i>Pulse el selector hacia la izquierda (☘)</i> 
☺ Autodisparador  OFF    	Se usa para reducir efectos borrosos y permitir al fotógrafo aparecer en la imagen.	<i>Pulse el selector hacia abajo (☺)</i> 
⚡ Flash AUTO/      	Usa el flash para obtener iluminación adicional.	<i>Pulse el selector hacia la derecha (⚡)</i> 
☒ Compensación de exposición	Fotografía sujetos muy brillantes, muy oscuros o con alto contraste.	<i>Pulse el selector hacia arriba (☒)</i> 

■ Uso del Selector durante los disparos (todos los modos)



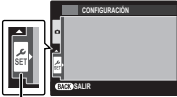











Opción	Descripción	Control
 MODO DE DISPARO	Seleccione un modo de disparo de acuerdo con el tipo de sujeto.	Pulse MENU/OK y <i>navegue con el</i>  <i>selector</i>
 ISO	Controle la sensibilidad de la cámara a la luz.	
 TAMAÑO IMAGEN	Elija el tamaño de la imagen y la relación de aspecto en la cual se grabarán las imágenes.	
 CALIDAD IMAGEN	Seleccione cuánto desea comprimir los archivos de imagen.	
 FINEPIX COLOR	Mejora el contraste y la saturación del color o toma fotografías en blanco y negro.	
 EQUILIBRIO BLANCO	Ajuste los colores para compensar las diferentes fuentes de la luz coloreada.	
 CONTINUO	Capture el movimiento en una secuencia de imágenes.	
 DETECCIÓN DE ROSTROS	Elija si desea que la cámara automáticamente detecte y establezca el enfoque y la exposición para retratos de sujetos humanos.	
 MODO AF	Esta opción controla la forma en la que la cámara selecciona la zona de enfoque para las fotografías.	
 MODO AF VÍDEO	Esta opción controla la forma en la que la cámara selecciona la zona de enfoque para los vídeos.	
 MODO VÍDEO	Elija un tamaño de fotograma para los vídeos.	
 ILUMINADOR LED	Elija si desea que las luces LED iluminen los sujetos cercanos bajo condiciones de iluminación escasa.	

Opciones de disparo, reproducción y configuración







■ Uso del Selector durante la reproducción (el Menú de reproducción)

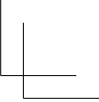
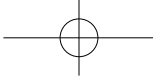
Opción	Descripción	Control
 ASIST. PARA ÁLBUM	Cree álbumes con sus fotos preferidas.	<p>Pulse  para comenzar la reproducción, pulse MENU/OK y navegue con el selector  + </p>
 BÚSQUEDA IMÁGENES	Buscar imágenes.	
 BORRAR	Para borrar todas las imágenes o las imágenes seleccionadas.	
 EDITAR	Crea una copia retocada de la imagen actual.	
 EDITAR VÍDEO	Edite sus vídeos.	
 ETIQ. PARA CARGA	Seleccione fotografías para cargar en YouTube o Facebook utilizando MyFinePix Studio (únicamente Windows).	
 PROYECCIÓN	Permite ver las imágenes en una presentación automática.	
 SUPR. OJOS ROJOS	Elimina los ojos rojos de imágenes realizadas con la Detección Inteligente de rostros.	
 PROTEGER	Permite proteger imágenes contra el borrado accidental.	
 REENCUADRE	Crea una copia recortada de la imagen actual.	
 REDIMENSIONAR	Crea una copia pequeña de la imagen actual.	
 GIRAR IMAGEN	Gira imágenes para su visualización.	
 COPIAR	Permite copiar imágenes de la memoria interna a una tarjeta de memoria.	
 PEDIDO COPIAS (DPOF)	Permite seleccionar imágenes para imprimir las en dispositivos compatibles con DPOF y PictBridge.	
 RELACIÓN ASPECTO	Elija cómo los dispositivos de Alta Definición (HD) visualizan las imágenes con una relación de aspecto de 4 : 3.	

■ El menú de configuración

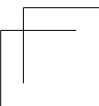
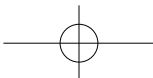
Opción	Descripción	Control
 FECHA/HORA	Permite ajustar el reloj de la cámara.	<p>Visualice el menú de reproducción o de disparo y pulse el selector hacia la izquierda para resaltar la pestaña del menú, a continuación pulse el selector hacia abajo para resaltar  y pulse el selector hacia la derecha para colocar el cursor en el menú de configuración.</p>  <p>pestaña</p>
 DIF.HORARIA	Establecer el reloj en la hora local.	
 言語/LANG.	Elige un idioma.	
 MODO SILENCIO	Seleccione Sí para deshabilitar el altavoz y el flash en aquellas situaciones en las que las luces o sonidos procedentes de la cámara no sean oportunos.	
 REINICIAR	Restablecer los ajustes a los valores por defecto.	
 FORMATEAR	Formatear la tarjeta de memoria o la memoria interna.	
 MOSTRAR FOTO	Permite especificar durante cuánto tiempo se deben mostrar las fotografías en el monitor LCD después de tomarlas.	
 CONTADOR	Elegir cómo se nombran los archivos.	
 VOLUMEN BOTONES	Ajuste el volumen de los sonidos producidos al manejar los controles de la cámara.	
 VOL.OBTURADOR	Ajuste el volumen de los sonidos producidos al liberar el obturador.	
 SONIDO	Elija los sonidos utilizados por el disparador, al inicio, y para los botones de la cámara.	
 VOL.REPRODUCCIÓN	Permite ajustar el volumen de reproducción de vídeos.	

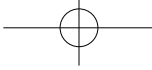
Opciones de disparo, reproducción y configuración

Opción	Descripción	Control
 BRILLO LCD	Permite controlar el brillo de la pantalla.	<p>Visualice el menú de reproducción o de disparo y pulse el selector hacia la izquierda para resaltar la pestaña del menú, a continuación pulse el selector hacia abajo para resaltar  y pulse el selector hacia la derecha para colocar el cursor en el menú de configuración.</p>  <p>pestaña</p>
 MODO LCD	Elija si la pantalla se oscurecerá automáticamente para ahorrar energía.	
 AUTODESCONEXIÓN	Elegir el retardo de la autodesconexión.	
 DOBLE ESTABILIZ.	Opciones de estabilización de imagen.	
 SUPR. OJOS ROJOS	Reducir "ojos rojos".	
 ZOOM DIGITAL	Habilitar o deshabilitar el zoom digital.	
 ZOOM PELÍCULA	Elija el tipo de zoom al grabar vídeos.	
 GUARDAR FOTO ORIGINAL	Seleccione SÍ para guardar copias no procesadas de imágenes realizadas utilizando  SUPR. OJOS ROJOS ,  LUZ BAJA PRO , o  RANGO DINÁMICO .	
 VIS. GIRO AUTO (únicamente XP150/XP160)	Seleccione SÍ para girar automáticamente las imágenes en vertical (retrato) durante la reproducción.	
 VER EXPLICACIÓN	Elija si desea visualizar las sugerencias de herramientas.	
 SISTEMA VIDEO	Permite seleccionar un modo de vídeo para la conexión a un televisor.	
 INCLUIR FECHA	Incluya la hora y/o fecha de grabación en las fotografías según las vaya realizando.	
 DEMOSTRACIÓN (únicamente XP150/XP160)	Seleccione SÍ para una demostración GPS. Esta opción debe normalmente encontrarse desactivada.	

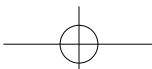


Memo





Memo



AFRICA			
Madagascar	Photorama	S/R	TEL 261-320729835 photorama@blueline.mg
South Africa	Cameratek CC.	S/R	TEL +27 11 251 2400 www.cameratek.co.za
OCEANIA			
Australia	FUJIFILM Australia Pty Ltd	S/R	TEL 1800 226 355 digital@fujifilm.com.au
Fiji	Brijlal & Co. Ltd	S/R	TEL (679)3304133 kapadia@connect.com.fj
New Caledonia	Phocidis SARL	S/R	TEL (00 687) 25-46-35 phocidis@phocidis.nc
New Zealand	Fujifilm NZ Ltd	S/R	TEL +64-9-4140400 glenn.beaumont@fujifilm.co.nz
Papua New Guinea	Oceania PNG Limited	S	TEL +675 3256411 oceania@daltron.com.pg
ASIA			
Bangladesh	JEL TRADING (Bangladesh) LTD	S/R	TEL (880) 288 61271 http://www.jelcorp.com/
Cambodia	JEL DISTRIBUTION (CAMBODIA) PTELTD	S/R	TEL (855) 23 219 076 http://www.jelcorp.com/
Hong Kong	Fuji Photo Products Co., Ltd.	S/R	TEL (852)2406 3287 rsd@chinahkphoto.com.hk
India	FUJIFILM INDIA PRIVATE LIMITED	S/R	TEL +91-124-4325500 contact@fujifilmindia.com
Indonesia	PT. Modern Internasional, Tbk.	S/R	TEL +62 21 2801000 assd_kmrsvr@moderninternasional.co.id
Malaysia	FUJIFILM (Malaysia) Sdn. Bhd.	S	TEL 603-55698388 technical@fujifilm.com.my R TEL 603-55698388 camera@fujifilm.com.my
Mongol	Tavan Bogd Group, Mongolia	S/R	TEL +976-99052517 or +976-91118833 batkhuyag@tavanbogd.com or gantsolmon@tavanbogd.com
Myanmar	Indobest Co. Ltd	S/R	TEL (95) 1 577996 indobest@myanmar.com.mm
Pakistan	Fujifilm Pakistan Pvt Ltd.	S	finpix@fujifilm.com.pk R TEL 92-42-7237704-6 finpix@fujifilm.com.pk
Philippines	YKL COLOR INC.	S	TEL 632-7436601-06 digital_info@yklcolor.com R TEL 632-7436601-06 techop_services@yklcolor.com
Singapore	FUJIFILM (Singapore) Pte Ltd	S/R	TEL 65-63805553 service@fujifilm.com.sg
South Korea	Korea Fujifilm Co., Ltd.	S	TEL +82-2-3282-7383 digitalas@fujifilm.co.kr
	Yongsan AS Center (Fujidigital)	R	TEL +82-2-701-1472 1bowl@hanmail.net
	Kangnam AS Center (Digitalgallery)	R	TEL +82-2-2203-1472 0101saint@hanmail.net
	Busan AS Center (fuji finpix)	R	TEL +82-51-806-1472 fujicamera@nate.com
	Kwangju AS Center (Cheil camera)	R	TEL +82-62-363-7887 in9943@hanmail.net
Taiwan	Hung Chong Corp.	S/R	TEL 886-2-6602-8988 service@mailhungchong.com.tw
Thailand	FUJIFILM (Thailand) Ltd.	S	TEL +662-2706000 ext. 751,752 Preecha@fujifilm.co.th yaowarat@fujifilm.co.th R TEL +662-2706000 ext.761,762 warin@fujifilm.co.th
Vietnam	International Minh Viet Co., Ltd.	S/R	TEL +84-8-4135740 ext. 322 diep.phanhitanh@imv.com.vn

EUROPE			
Spain	FUJIFILM Europe GmbH, Sucursal en España	S/R	TEL 902012535 http://www.fujifilm.es/soporte/ tallersat@fujifilm.es
Sweden	Fujifilm Sverige AB	S	TEL 46 8 506 141 45 http://www.fujifilm.se kamera@fujifilm.se
		R	TEL 46 8 506 141 00 http://www.fujifilm.se kameraverkstaden@fujifilm.se
Switzerland / Lichtenstein	Fujifilm (Switzerland) AG	S/R	TEL +41 44 855 5154 RepairCenter@fujifilm.ch
The Netherlands	FUJIFILM Electronic Imaging Nederland	S/R	TEL 00800 38543854 helpdesk@fujifilm-digital.nl
Turkey	Filmat	S/R	TEL +90 212 698 99 77 servis@filmat.com.tr
U.K.	FUJIFILM UK Ltd.	S	TEL +44 (0)844 553 2322 fujitec@fuji.co.uk
		R	TEL +44 (0)844 553 2323 fujitec@fuji.co.uk
Ukraine	FUJIFILM Electronic Imaging Europe (Kiev office)	S	TEL +38 (044) 390 5929
		R	TEL +38 (044) 499 2949 or +38 (044) 545 0897 http://servicecenter.com.ua/support.php
Uzbekistan	JEL Corporation	S/R	TEL +7 727 264 2222 kamol@jelcorp.com
MIDDLE EAST			
Iran	Tehran Fuka Co.	S/R	TEL (+98-21) 22254810 fuka@neda.net
Israel	Shimone Group Ltd.	S	TEL (+) 972 3 9250666 digital@fujifilm.co.il
		R	TEL (+) 972 3 9250683 khaim@shimone.com haimy@shimone.com
Jordan	Grand Stores Al-swaifeh,Anman/Jordan	S/R	TEL 009626-5829157 Digital@grandstoresjo.com
Kuwait	Boushahri Group W.L.L.	S/R	TEL +965 18855 photo@boushahrigroup.com
Lebanon	Fototek S.A.R.L.	S/R	TEL +961 1 252474 fototek@antakiholding.com
Qatar	Techno Blue	S	TEL 00974 44 66 175 prabu@techno-blue.com
Saudi Arabia	Emam Distribution Co. Ltd.	S	TEL 96626978756 service@fujifilm.com.sa
Syria	Film Trading Company	S	TEL + 963 11 2218049 ftc@amirgroup.com
		R	TEL + 963 21 4641903 filmtradin@amirgroup.com
U.A.E.	Grand Stores	S/R	TEL + 971-4-2823700 photography@grandstores.ae
Yemen	Al-Haidary Trading	S	TEL 00967-1-503980
		R	TEL 00967-1-503977
AFRICA			
D R Congo KINSHASA	FIS-FUJI IMAGE SERVICE	S	TEL +243 818138001 girish@fujifilm.cd
Egypt	Foto Express Egypt	S/R	TEL +20 2 37762062 m.farag@fotoexpress.com.eg
Kenya	Fuji Kenya Ltd	R	TEL (254-20)446265-8 info@fujifilm.co.ke

EUROPE			
Croatia	I&I d.o.o.	S	TEL +385 1 233 26 53 tkrsnik@fujifilm.hr
	FOTOTEH d.o.o.	R	TEL +385 1 619 66 08 info@fototeh.hr
Cyprus	PMS IMAGING LTD	S/R	TEL 35722746746 info@fujifilm.com.cy
		S/R	TEL 35722314719 dorosn@logosnet.cy.net
Czech Republic	Fujifilm Cz., s.r.o.	S	TEL 00420 234 703 431 petr.barta@fujifilm.cz
	AWH servis	R	TEL 00420 222 721 525 awh@awh.cz
Denmark	Fujifilm Danmark A/S	S/R	TEL 0045 45662244 fujifilm@fujifilm.dk
Finland	Neoport Ltd	S	TEL +358 (0)50 4343 500 info@neoport.fi http://www.fujifilm.eu/fi
		R	TEL +358 (0)50 4343 500 huelto@neoport.fi http://www.neoport.fi
France	FUJIFILM France	S/R	TEL +33 1 30 68 67 66 pm2s@pm2s.fr
Germany	FUJIFILM Electronic Imaging Europe GmbH	S/R	TEL 00800 38543854 service@fujifilm-digital.com
Greece	FUJIFILM HELLAS S.A.	S/R	TEL 0030 210 9404100 fujifilm@fujifilm.gr
Hungary	Fujifilm Hungary Ltd.	S	TEL +3615779870 fujifilm@fujifilm.hu
		R	TEL +3613633777 info@foto-paradicsom.hu
Iceland	Icephoto (Ljosmyndavorur)	S/R	TEL 354 568 0450 framkollun@fujifilm.is
Ireland	Fujifilm Ireland	S/R	TEL 35318820200 info@fujifilm.ie
Italy	Fujifilm Italia S.p.a.	S/R	TEL +39 02 33490345 online@fujifilm.it
Kazakhstan	JEL Corporation	S/R	TEL +7 727 264 2222 kamol@jelcorp.com
Kyrgyzstan	JEL Corporation	S/R	TEL +7 727 264 2222 kamol@jelcorp.com
Lithuania	Fujifilm Lithuania	S/R	TEL 370-5-2133017 info@fujifilm.lt
Malta	Ciancio (1913) Co.Ltd.	S/R	TEL +356-21-480500 info@fujifilm.com.mt http://www.fujifilm.com.mt/
Norway	Fujifilm Norge AS	S	TEL 0047-02273 http://www.fujifilm.no/ mailto:post@fujifilm.no
		R	TEL 0047-55393880 http://www.camera.no/ mailto:service@camera.no
Poland	Fujifilm Polska Distribution Sp. z o.o.	S	TEL +48-22-609-65-96 servis@fujifilm.pl
		R	TEL +48-22-886-94-40 servis@fujifilm.pl
Portugal	Fujifilm Portugal, Lda	S	TEL (351) 22 619 42 00 sac@fujifilm.pt
		R	TEL (351) 22 906 98 40 assist.camaras@pm2s.pt
Romania	CTS-Cardinal Top Systems Ltd	S/R	TEL +40212300982 or +40212302683 service@fujifilm.service.ro
Russia	ZAO "FUJIFILM-RU"	S/R	TEL 8-495-545-38-54 (Для бесплатных звонков из России) * Для звонков из других стран набирайте +7-800-700-38-54 http://www.fujifilm.ru/ info@fujifilm.ru
Slovakia	Fujifilm Europe GmbH - organizačná zložka	S	TEL +421 (2) 33 595 107 fujifilm@fujifilm.sk www.fujifilm.sk
		R	TEL +421 (2) 33 595 119 servis@fujifilm.sk www.fujifilm.sk
Slovenia	Image & Information	S/R	TEL +386-1-5864660 damin.sajko@fujifilm-slovenia.com

Worldwide Network

Contact your local distributor (see list below) for technical support (S) or repairs (R). Please present the warranty and purchase receipt when requesting repairs; refer to the warranty card for the conditions of the warranty. Technical support may not be available for models not handled by the local distributor. The following information is subject to change without notice.

NORTH AMERICA

Canada	FUJIFILM North America Corporation	S	TEL 1-866-818-FUJI (3854) http://www.fujihelp.ca
		R	TEL 1-800-263-5018 http://www.fujihelp.ca
U.S.A.	FUJIFILM North America Corporation	S	TEL 800-800-3854 digitalinfo@fujifilm.com
		R	TEL 800-659-3854

CENTRAL AND SOUTH AMERICA

Argentina	Imagen e informacion S.A.	S/R	TEL 54-11-4737-1030 servtec@imagineinformacion.com.ar
Bolivia	Reifschneider Bolivia Ltda.	S/R	TEL +591 33 441129 info@reifschneider.com.bo
Brazil	FUJIFILM do Brasil Ltda.	S/R	TEL 0800 7706627 camarasdigitais@fujifilm.com.br
Chile	Reifschneider SA	S/R	TEL 56-2-6781111 adobson@reifschneider.cl serviciotecnico@reifschneider.cl
Colombia	Importaciones Espacri Colombia S.A.S.	S/R	TEL +57-1-475 4343 soportedigital@espacri.com
Ecuador	Importaciones Espacri Cia. Ltda.	S/R	TEL +593 72 835 526 dtecnico@fujifilm.com.ec
Mexico	Fujifilm de Mexico, S.A. de C.V.	S	TEL +52 (55) 5263 5500 soporte@fujifilm.com.mx
		R	TEL +52 (55) 5366 5150 camaras@fujifilm.com.mx
Paraguay	Difoto.	S/R	TEL +595-21-281948 larsen@rieder.net.py
Peru	Procesos de Color S.A.	S/R	TEL +51 14 338000 serviciotecnico@fujifilm.com.pe
Uruguay	Service y Proyectos Kiel S.A.	S/R	TEL (05982) 901 0852 serviceproyecto@adinet.com.uy
		S/R	TEL (05982) 419 4542 kiel@fujifilm.com.uy
Venezuela	C. Hellmund & Cia Sa	S/R	TEL 58-212-2022300 hellmund@hellmund.com infoventas@hellmund.com

EUROPE

Austria	FUJIFILM Recording Media AUSTRIA	S/R	TEL 00800 38543854 service@fujifilm-digital.com
Belgium	Belgian Fuji Agency	S/R	TEL 3210242090 pm2s@pm2s.fr

FUJIFILM

FUJIFILM Corporation

7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052, JAPAN
http://www.fujifilm.com/products/digital_cameras/index.html

FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION:

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

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.

RF exposure warning

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

FCC:SAR standard Value: 1.6 W/Kg, Maximal Measure: 0.333 W/kg

CE : SAR standard Value: 2.0 W/Kg, Maximal Messure:0.184W/Kg

Canada, Industry Canada (IC) Notices

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate (“SAR”) limits when installed in specific host products operated in portable exposure conditions.

Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Dell est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Dell de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

IC: SAR standard Value: 1.6 W/Kg, Maximal Measure: 0.333 W/kg

The wireless will turn off when in shoot mode.

FUJIFILM

BL01735-200 **EN**

DIGITAL CAMERA

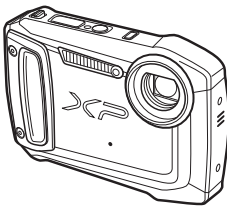
FINEPIX XP170

FINEPIX XP150/XP160

FINEPIX XP100/XP110

Owner's Manual

Thank you for your purchase of this product. This manual describes how to use your FUJIFILM digital camera and the supplied software. Be sure that you have read and understood its contents and the warnings in "For Your Safety" (📖 ii) before using the camera.



For information on related products, visit our website at http://www.fujifilm.com/products/digital_cameras/index.html

Before You Begin

First Steps

Basic Photography and Playback

More on Photography

More on Playback

Movies

Connections

Menus

Technical Notes

Troubleshooting

Appendix

Exif Print

SDTM
XC

PictBridge



HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

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 (excluding waterproof products).

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.

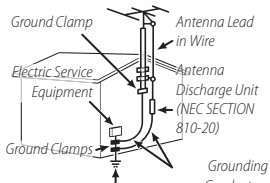
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



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



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

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.

Use

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 (excluding waterproof products).

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 (excluding waterproof products).
- 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 *Owner's Manual* carefully before use.
- After reading these safety notes, store them in a safe place.

About the Icons

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



This icon indicates that death or serious injury can result if the information is ignored.



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

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



Triangular icons tell you that this information requires attention ("Important").



Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").



Filled circles with an exclamation mark indicate an action that must be performed ("Required").

! WARNING



If a problem arises, turn the camera off, remove the battery, and disconnect 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. If water or foreign objects get inside the camera, turn the camera off, remove the battery, and disconnect and unplug the AC power adapter. Continued use of the camera can cause a fire or electric shock. Contact your FUJIFILM dealer.

! WARNING



Do not use the camera in the bathroom or shower (excluding waterproof products). This can cause a fire or electric shock.



Never attempt to change or take apart the camera (never open the case). Failure to observe this precaution can cause fire or electric shock.



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 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 place the camera on an unstable surface. This can cause the camera to fall or tip over and cause injury.



Never attempt to take pictures while in motion. Do not use the camera while you are walking or driving a vehicle. This can result in you falling down or being involved in a traffic accident.



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.



Do not use the battery except as specified. Load the battery as shown by the indicator.












Do not heat, change or take apart the battery. Do not drop or subject the battery to impacts. Do not store the battery with metallic products. Any of these actions can cause the battery to burst or leak and cause fire or injury as a result.


















Use only the battery 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.



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.

 WARNING	
	Do not use the charger to charge batteries other than those specified here. The supplied battery charger is for use only with the type of battery supplied with the camera. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak fluid, overheat or burst.
	Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
	Do not use in the presence of flammable objects, explosive gases, or dust.
	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.
	Keep memory cards out of the reach of small children. Because memory cards are small, they can be swallowed by children. Be sure to store memory cards out of the reach of small children. If a child swallows a memory card, seek medical attention or call an emergency number.
	Turn the camera off in crowds. The camera emits radio-frequency radiation that may interfere with pacemakers.
	Turn the camera off in the vicinity of automatic doors, public address systems, and other automatically controlled devices. The camera emits radio-frequency radiation that may cause these devices to malfunction.
	Keep the camera at least 22 cm away from people wearing pacemakers. The camera emits radio-frequency radiation that may interfere with pacemakers.

 CAUTION	
	Do not use this camera in locations affected by oil fumes or steams. This can cause a fire or electric shock.
	Do not use this camera in locations affected by humidity or dust (excluding waterproof products). 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.

 CAUTION	
	Keep out of the reach of small children. This product could cause injury in the hands of a child.
	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 use the AC power adapter when the plug is damaged or the plug socket connection is loose. This could 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.
	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.
	Using a flash too close to a person's eyes may temporarily affect the eyesight. Take particular care when photographing infants and young children.
	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.



The Battery and Power Supply

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

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 at 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 shooting. Do not place the battery in direct contact with hand warmers or other heating devices.

Charging the Battery

Charge the battery in the supplied battery charger. Charging times will increase at ambient temperatures below +10°C (+50°F) or above +35°C (+95°F). Do not attempt to charge the battery at temperatures above 40°C (+104°F); at temperatures below 0°C (+32°F), 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

At normal temperatures, the battery can be recharged about 300 times. 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.

Storage

Performance may be impaired if the battery is left unused for extended periods when fully charged. Run the battery flat before storing it.

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°C to +25°C (+59°F to +77°F). 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.
- Use with designated chargers only.
- 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.

AA Alkaline/Rechargeable NiMH Batteries

Read this section if your camera uses AA alkaline or rechargeable AA NiMH batteries. Information on compatible battery types may be found elsewhere in the camera manual.

Cautions: Handling the Batteries

- Do not expose to water, flame, or heat, or store in warm or humid conditions.
- Do not transport or store with metal objects such as necklaces or hairpins.
- Do not disassemble or modify the batteries or battery casing.
- Do not subject to strong physical shocks.
- Do not use batteries that are leaking, deformed, or discolored.
- Keep out of reach of infants and small children.
- Insert in the correct orientation.

- Do not mix old and new batteries, batteries with different charge levels, or batteries of different types.
- If the camera will not be used for an extended period, remove the batteries. Note that the camera clock will be reset.
- The batteries may not be used for the touch immediately after use. Turn the camera off and allow the batteries to cool before handling.
- Battery capacity tends to decrease at low temperatures. Keep spare batteries in a pocket or other warm place and exchange as necessary. Cold batteries may recover some of their charge when warmed.
- Fingerprints and other stains on the battery terminals can impair battery performance. Thoroughly clean the terminals with a soft, dry cloth before inserting them in the camera.



If the batteries leak, clean the battery compartment thoroughly before inserting new batteries.



If fluid from the battery comes into contact with skin or clothing, flush the affected area with water. ***If fluid enters your eyes, immediately flush the affected area with water and seek medical attention. Do not rub your eyes. Failure to observe this precaution could result in permanent visual impairment.***

■ NiMH Batteries

The capacity of Ni-MH batteries may be temporarily reduced when new, after long periods of disuse, or if they are repeatedly recharged before being fully discharged. This is normal and does not indicate a malfunction. Capacity can be increased by repeatedly discharging the batteries using the discharge option in the camera setup menu and recharging them using a battery charger.

ⓘ **CAUTION:** Do not use the discharge option with alkaline batteries.

The camera draws a small amount of current even when off. Ni-MH batteries that have been left in the camera for an extended period may be drawn down to the point that they no longer hold a charge. Battery performance may also drop if the batteries are run down in a device such as a flashlight. Use the discharge option in the camera setup menu to discharge Ni-MH batteries. Batteries that no longer hold a charge even after repeatedly being discharged and recharged have reached the end of their service life and must be replaced.

Ni-MH batteries can be recharged in a battery charger (sold separately). Batteries may become warm to the touch after charging. Refer to the instructions provided with the charger for more information. Use the charger with compatible batteries only.

Ni-MH batteries gradually lose their charge when not in use.

■ Disposal

Dispose of used batteries in accord with local regulations.

AC Power Adapters (Available Separately)

This section applies to all camera models. Use only FUJIFILM AC power adapters designated for use with this camera. Other adapters could damage the camera.

- The AC power adapter is for indoor use only.
- Be sure the DC plug 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 use with other devices.
- 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, such as the sun in a cloudless sky. Failure to observe this precaution could damage the camera image sensor.

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 result in the LCD monitor to ensure that the camera is functioning normally. FUJIFILM Corporation can not 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 LCD monitor 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.

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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 (Phases Alternation by Line) is a color television system adopted mainly in European countries and China.

Exif Print (Exif Version 2.3)

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

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About This Manual

Before using the camera, read this manual and the warnings in “For Your Safety” (📖 ii). For information on specific topics, consult the sources below.

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The “Table of Contents” gives an overview of the entire manual. The principal camera operations are listed here.

Troubleshooting 📖 **103**

Having a specific problem with the camera? Find the answer here.

Warning Messages and Displays ... 📖 **110**

Find out what’s behind that flashing icon or error message in the display.

Memory Cards

Pictures can be stored in the camera’s internal memory or on optional SD, SDHC, and SDXC memory cards (📖 14), referred to in this manual as “memory cards.”

Frequently-Used Buttons

■ Deleting Pictures

- ➔ To delete a picture, display it full frame and press the selector up (🗑).




■ Taking Pictures During Playback

- ➔ To return instantly to shooting mode, press the shutter button halfway.



■ Turning the Camera on in Playback Mode

- ➔ When the camera is off, playback can be started by pressing the  button for about a second.



■ Silent Mode

- ➔ Press and hold the **DISP/BACK** button to disable camera lights and sounds.



Product Features and Precautions for Use

■ Water, Dust, and Shock Resistance

- ① The camera complies with JIS Class 8 water resistance and JIS Class 6 (IP68) dust resistance standards, and has passed FUJIFILM drop tests (drop height: 2.0 m/6.5 ft.; impact surface: plywood, thickness 5 cm/2.0 in.) compliant with MIL-STD 810F Method 516.5: Shock. These results were obtained through in-house testing and are not a blanket guarantee of water resistance or invulnerability to damage or destruction. The accessories supplied with the camera are not water resistant.

■ Before Use

- ① The front surface of the camera lens is protected by a sheet of glass. Foreign matter on the glass will appear in photographs; keep the glass clean at all times.
- ① Be sure that the battery-chamber is fully latched. The presence of water, mud, or sand in the camera could cause malfunction.
- ① Do not open or close the battery-chamber with wet hands or near water, for example while on or by a body of water.
- ① Be sure the camera is completely dry before inserting or removing batteries or memory cards or connecting the USB or A/V cable.
- ① The camera does not float. Be sure to attach the strap and keep it around your wrist when using the camera.

■ During Use

- ① Restrict underwater use to depths of 10 m (32 ft.) or less and periods shorter than 120 minutes.
- ① Do not open or close the battery-chamber cover while under water.
- ① Do not use in hot springs or heated pools.
- ① Do not dive into water with the camera or otherwise subject it to excessive force.
- ① If the camera is left on the sand, its temperature may exceed operating limits and sand may get into the speaker or microphone.
- ① Sunscreen, suntan lotion, or other oily substances may discolor the camera body and should be removed with a damp cloth.
- ① The camera may lose water resistance if subjected to excessive force or vibration. Consult your retailer or a FUJIFILM-authorized repair technician.

■ After Use

- ① Remove any foreign matter from the water-resistant seal and adjacent surfaces. Foreign matter could damage the seal, lowering water resistance.
- ① After using the camera underwater or in locations where foreign matter might adhere to the camera body, rinse the camera under the tap or leave it in a basin of fresh water for two to three minutes.
- ① Liquid soaps, detergents, alcohol, and other cleansers may affect water resistance and should never be used.
- ① After use, remove water droplets and foreign matter with a dry cloth, firmly latch the battery-chamber cover, and soak the camera in fresh water for about ten minutes. Dry the camera thoroughly after removing it from the water.

■ Storage and Maintenance

- ① Do not store at temperatures below 0 °C (32 °F) or above 40 °C (104 °F).
- ① To ensure continued water resistance, it is recommended that you have the water-resistant seal replaced about once a year (a fee is charged for this service). Contact your retailer or a FUJIFILM-authorized repair technician for more information.

■ Cold Climates

- ① Battery performance drops at low temperatures, reducing the number of pictures that can be taken. Insulate the camera to keep it warm or place it in your clothing.
- ① Use an NP-50A battery.
- ① Display response may slow at low temperatures. This is not a malfunction.

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Basic Photography and Playback




























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Appendix

Tips and Tricks	114
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Before You Begin

Symbols and Conventions

The following symbols are used in this manual:

- ⓘ : This information should be read before use to ensure correct operation.
- 📌 : Additional information that may be helpful when using the camera.
- 📖 : Other pages in this manual on which related information may be found.

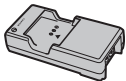
Menus and other text in the LCD monitor are shown in **bold**. In the illustrations in this manual, displays may be simplified for explanatory purposes.

Supplied Accessories

The following items are included with the camera:



NP-50A rechargeable battery



BC-50A battery charger



Plug adapter



USB cable

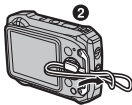


CD-ROM
(contains this manual)

- Strap
- User Guide

Attaching the Strap

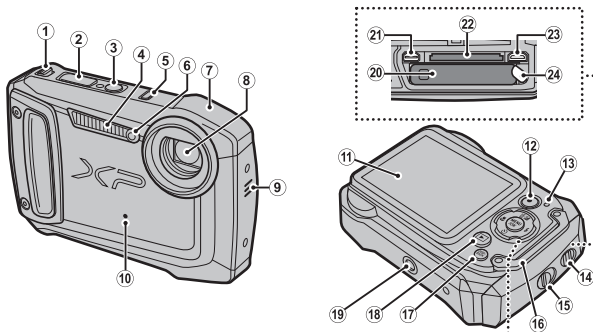
Attach the strap as shown.



* Shape of adapter varies with region of sale.

Parts of the Camera

For more information, refer to the page listed to the right of each item.



Selector button

Move cursor up

☑ (exposure compensation) button (39)

🗑 (delete) button (13)

Move cursor left

🌿 (macro) button (40)

Move cursor down

⌚ (self-timer) button (43)






MENU/OK button

Move cursor right

⚡ (flash) button (41)



* The illustrations in this manual have been simplified for explanatory purposes.

1	Zoom control	20, 45	12	 (movie recording) button	58
2	Shutter button	21	13	Indicator lamp (see below)	
3	ON/OFF button	16	14	Latch	9, 12
4	Flash	41	15	Safety lock	9, 12
5	 button (XP170 only)	125	16	Strap eyelet	1
	GPS button (XP150/XP160 only)	31	17	DISP (display)/ BACK button	6, 18
	 (brightness) button (XP100/XP110 only)	6		 (silent mode) button*	xiii
6	Self-timer lamp	43	18	 (playback) button	23
	LED illuminator	80	19	Tripod mount	
7	Built-in GPS antenna (XP150/XP160 only)	31	20	Battery chamber	9
8	Lens/protective glass		21	USB multi-connector	63, 71
9	Speaker	60	22	Memory card slot	11
10	Microphone	58	23	Micro HDMI connector	62
11	LCD monitor	4	24	Battery latch	10, 13

*Press and hold the **DISP/BACK** button until  is displayed.

The Indicator Lamp

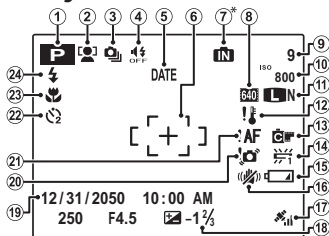
The indicator lamp shows camera status as follows:

Indicator lamp	Camera status
Glows green	Focus locked.
Blinks green	Blur, focus, or exposure warning. Picture can be taken.
Blinks green and orange	Recording pictures. Additional pictures can be taken.
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.

Camera Displays

The following types of indicator may be displayed during shooting and playback. Indicators vary with camera settings.

Shooting

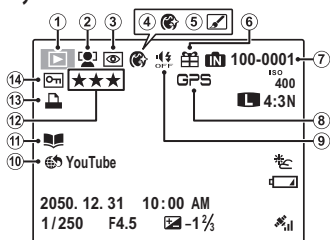


8	Movie mode.....	59
9	Number of available frames.....	117
10	Sensitivity.....	74
11	Image size and quality.....	75, 76
12	Temperature warning.....	111
13	FINEPIX color.....	76
14	White balance.....	77
15	Battery level.....	5
16	Dual IS mode.....	95
17	GPS signal strength (XP150/XP160 only).....	31
18	Exposure compensation.....	39
19	Date and time.....	18
20	Blur warning.....	42, 110
21	Focus warning.....	21, 110
22	Self-timer indicator.....	43
23	Macro (close-up) mode.....	40
24	Flash mode.....	41

1	Shooting mode.....	24
2	Intelligent Face Detection indicator.....	36
3	Continuous shooting mode.....	78
4	Silent mode indicator.....	3, 91
5	Date stamp.....	98
6	Focus frame.....	37
7	Internal memory indicator*	

* **IN**: indicates that no memory card is inserted and that pictures will be stored in the camera's internal memory (11).

Playback



1	Playback mode indicator.....	23, 44
2	Intelligent Face Detection indicator	36, 86
3	Red-eye removal indicator	86
4	Portrait enhancer.....	25
5	Edit.....	82
6	Gift image.....	44
7	Frame number.....	93
8	GPS data (XP150/XP160 only).....	52
9	Silent mode indicator	3, 91
10	Mark for upload to.....	84
11	Photobook assist.....	49
12	Favorites	44
13	DPOF print indicator	65
14	Protected image	86



Battery Level

Battery level is shown as follows:


Indicator	Description
(white)	Battery partially discharged.
(white)	Battery more than half discharged.
(red)	Low battery. Charge as soon as possible.
(blinks red)	Battery exhausted. Turn camera off and charge battery.

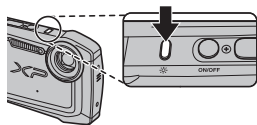
Hiding and Viewing Indicators

Press **DISP/BACK** to cycle through shooting and playback indicators as follows:

- **Shooting:** Indicators displayed/indicators hidden/best framing/HD framing/ GPS information (XP150/XP160 only;  32)
- **Playback:** Indicators displayed/indicators hidden/★ favorites/GPS information (XP150/XP160 only;  52)

The (Brightness) Button (XP100/XP110 Only)

Press the  button to temporarily increase monitor brightness when shooting outdoors or in bright ambient light. Normal brightness is restored when a picture is taken.



First Steps

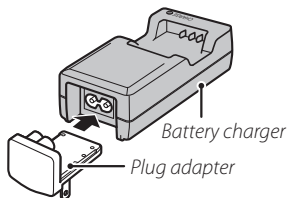
Charging the Battery

The battery is not charged at shipment. Charge the battery before use.

1 Attach the plug adapter.

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

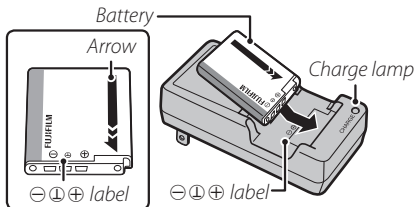
- ① The plug adapter is exclusively for use with the supplied battery charger. Do not use it with other devices.



2 Place the battery in the supplied battery charger.

Insert the battery in the orientation indicated by the $\ominus \text{Ⓢ} \oplus$ labels.

The camera uses an NP-50A re-chargeable battery.



3 Plug the charger in.

Plug the charger into an indoor power outlet. The charging indicator will light.



The Charging Indicator

The charging indicator shows battery charge status as follows:

Charging indicator	Battery status	Action
Off	Battery not inserted.	Insert the battery.
On (green)	Battery fully charged.	Remove the battery.
On (orange)	Battery charging.	—
Blinks (orange)	Battery fault.	Unplug the charger and remove the battery.

4 Charge the battery.

Remove the battery when charging is complete. See the specifications (📖 123) for charging times (note that charging times increase at low temperatures).

- ① Unplug the charger when it is not in use.

Inserting the Battery and a Memory Card

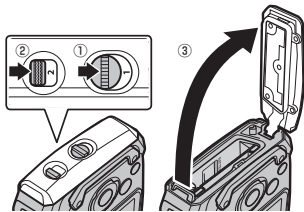
Although the camera can store pictures in internal memory, optional SD, SDHC, and SDXC *memory cards* (sold separately) can be used to store additional pictures. After charging the battery, insert the battery and memory card as described below.

1 Open the battery-chamber cover.

Release the latch (①) and safety lock (②) and open the battery-chamber cover (③).

⚠ Be sure the camera is off before opening the battery-chamber cover.

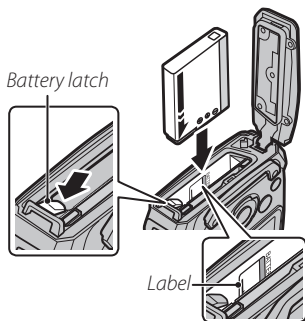
- ① Do not open the battery-chamber cover when the camera is on. Failure to observe this precaution could result in damage to image files or memory cards.
- ① Do not use excessive force when handling the battery-chamber cover.
- ① Remove water droplets and other foreign matter with a dry cloth before opening the battery-chamber cover.



2 Insert the battery.


Insert the battery with the terminal first and in the orientation shown by the label inside the battery chamber, keeping the battery latch pressed to one side. Confirm that the battery is securely latched.

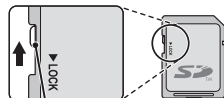
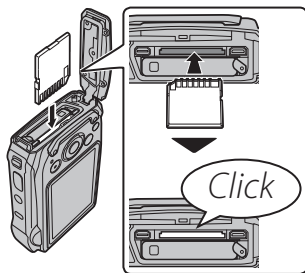
- ⓘ Insert the battery in the correct orientation. **Do NOT use force or attempt to insert the battery upside down or backwards.** The battery will slide in easily in the correct orientation.



3 Insert the memory card.

Holding the memory card in the orientation shown at right, slide it in until it clicks into place at the back of the slot.

- ① Be sure card is in the correct orientation; do not insert at an angle or use force. If the memory card is not correctly inserted or no memory card is inserted,  will appear in the LCD monitor and internal memory will be used for recording and playback.
- ① SD/SDHC/SDXC memory cards can be locked, making it impossible to format the card or to record or delete images. Before inserting an SD/SDHC/SDXC memory card, slide the write-protect switch to the unlocked position.

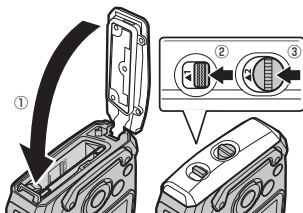


Write-protect switch

4 Close and latch the battery-chamber cover.

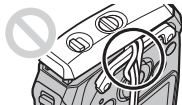
Close the cover (①) and then close the latch (②) and safety lock (③).

- ❗ Before closing the cover, confirm that there is no dust, sand, or other foreign matter on the water-resistant seal or adjacent surfaces.
- ❗ When closing the battery-chamber cover, do not subject it to excessive horizontal forces. Failure to observe this precaution could cause the water-resistant seal to become misaligned, allowing water into the camera.



Confirming That the Cover Is Latched

Make sure that the strap is not caught in the cover and that both the latch and safety lock are closed.

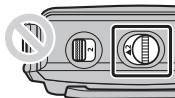


Correct



The yellow sticker is not visible.

Incorrect



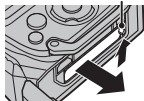
The yellow sticker is visible.

Removing the Battery and Memory Card

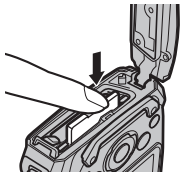
Before removing the battery or memory card, **turn the camera off** and open the battery-chamber cover.

To remove the battery, press the battery latch to the side, and slide the battery out of the camera as shown.

Battery latch





To remove the memory card, press it in and release it slowly. The card can then be removed by hand. 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.



■ Compatible Memory Cards

FUJIFILM and SanDisk SD, SDHC, and SDXC memory cards have been approved for use in the camera. A complete list of approved memory cards is available at http://www.fujifilm.com/support/digital_cameras/compatibility/. Operation is not guaranteed with other cards. The camera can not be used with *xD-Picture Cards* or MultiMediaCard (MMC) devices.

① Memory Cards

- *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.
- Format SD/SDHC/SDXC memory cards before first use, and be sure to reformat all memory cards after using them in a computer or other device. For more information on formatting memory cards, see “ **FORMAT**” (📖 92).
- Memory cards are small and can be swallowed; keep out of reach of children. If a child swallows a memory card, seek medical assistance immediately.
- miniSD or microSD adapters that are larger or smaller than the standard dimensions of an SD/SDHC/SDXC card may not eject normally; if the card does not eject, take the camera to an authorized service representative. Do not forcibly remove the card.
- Do not affix labels to memory cards. Peeling labels can cause camera malfunction.
- Movie recording may be interrupted with some types of SD/SDHC/SDXC memory card. Use a **CLASS 4**  card or better when shooting HD or high-speed movies.

- The data in internal memory may be erased or corrupted when the camera is repaired. Please note that the repairer will be able to view pictures in internal memory.
- Formatting a memory card or internal memory in the camera creates a folder in which pictures are stored. Do not rename or delete this folder or use a computer or other device to edit, delete, or rename image files. Always use the camera to delete pictures from memory cards and internal memory; before editing or renaming files, copy them to a computer and edit or rename the copies, not the originals.

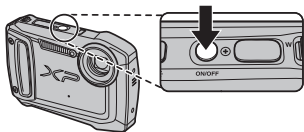
① Batteries

- Remove dirt from the battery terminals with a clean, dry cloth. Failure to observe this precaution could prevent the battery from charging.
- Do not affix stickers 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” (📖 vi).
- Use only battery chargers designated for use with the battery. 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.

Turning the Camera on and Off

Shooting Mode

Press the **ON/OFF** button to turn the camera on.



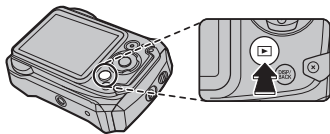
Press **ON/OFF** again to turn the camera off.

◆ **Switching to Playback Mode**

Press the **▶** button to start playback. Press the shutter button halfway to return to shooting mode.

Playback Mode

To turn the camera on and begin playback, press the **▶** button for about a second.





Press the **▶** button again or press the **ON/OFF** button to turn the camera off.

◆ **Switching to Shooting Mode**



To exit to shooting mode, press the shutter button halfway. Press the **▶** button to return to playback.

- ⓘ Fingerprints and other marks on the protective glass covering the lens can affect pictures. Keep the glass clean.
- ⓘ The **ON/OFF** button does not completely end the supply of power to the camera.

🔍 **Auto Power Off**

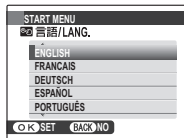
The camera will turn off automatically if no operations are performed for the length of time selected for  **AUTO POWER OFF** (📖 95). To turn the camera on, use the **ON/OFF** button or press the  button for about a second.

Basic Setup

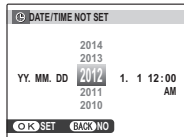
A language-selection dialog is displayed the first time the camera is turned on. Set up the camera as described below (you can reset the clock or change languages at any time using the  **DATE/TIME** or  **言語/LANG.** options in the setup menu; for information on displaying the setup menu, see page 91).

1 Highlight a language and press **MENU/OK**.

- ◆ Press **DISP/BACK** to skip the current step. Any steps you skip will be displayed the next time the camera is turned on.



2 The date and time will be displayed. Press the selector left or right to highlight the year, month, day, hour, or minute and press up or down to change. To change the order in which the year, month, and day are displayed, highlight the date format and press the selector up or down. Press **MENU/OK** when settings are complete.



◆ The Camera Clock

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.

Basic Photography and Playback

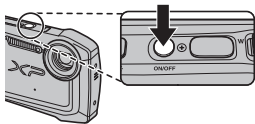
Taking Pictures in **SR AUTO** (Scene Recognition) Mode

This section describes how to take pictures in **SR AUTO** (scene recognition) mode. The camera automatically analyzes the composition and adjusts settings appropriately.

1 Turn the camera on.

Press the **ON/OFF** button to turn the camera on.

SR AUTO shooting indicators will be displayed.










The Icon

This icon indicates that the camera continuously searches for faces to select the appropriate scene, increasing the drain on the battery.

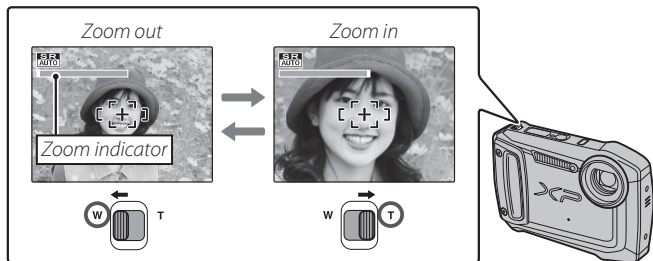


The Scene Icon

The camera selects the scene according to shooting conditions and the type of subject:  PORTRAIT (portraits),  LANDSCAPE (landscapes),  NIGHT (poorly-lit landscapes),  MACRO (close ups),  NIGHT PORTRAIT (poorly-lit portraits),  BACKLIT PORTRAIT (backlit portraits),  AUTO (all other scenes)

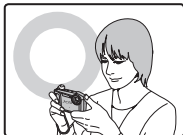
2 Frame the picture.

Use the zoom control to frame the picture in the display.

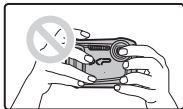


Holding the Camera

Hold the camera steady with both hands and brace your elbows against your sides. Shaking or unsteady hands can blur your shots.



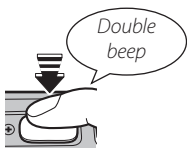
To prevent pictures that are out of focus or too dark (underexposed), keep your fingers and other objects away from the flash and from the protective glass covering the lens.




3 Focus.

Press the shutter button halfway to focus.

- ◆ The lens may make a noise when the camera focuses; this is normal.




If the camera is able to focus, it will beep twice and the indicator lamp will glow green.

If the camera is unable to focus, the focus frame will turn red, **!AF** will be displayed, and the indicator lamp will blink green. Change the composition or use focus lock ( 37).

4 Shoot.

Smoothly press the shutter button the rest of the way down to take the picture.

- ◆ If the subject is poorly lit, the flash may fire when the picture is taken. For information on using the flash when lighting is poor, see “ Using the Flash (Intelligent Flash)” (📖 41).



The Shutter Button

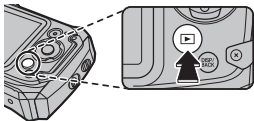
The shutter button has two positions. Pressing the shutter button halfway sets focus and exposure; to shoot, press the shutter button the rest of the way down.

Viewing Pictures

Pictures can be viewed in the LCD monitor. When taking important photographs, take a test shot and check the results.

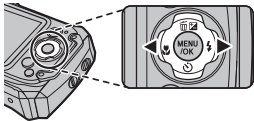
1 Press the button.

The most recent picture will be displayed.



2 View additional pictures.

Press the selector right to view pictures in the order recorded, left to view pictures in reverse order.



Press the shutter button halfway to exit to shooting mode.

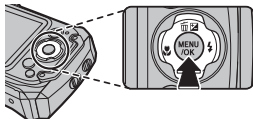
More on Photography


Shooting Mode

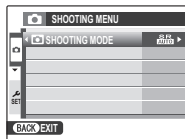
Choose a shooting mode according to the scene or type of subject.

Choosing a Shooting Mode

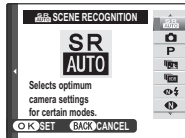
1 Press **MENU/OK** to display the shooting menu.



2 Highlight  **SHOOTING MODE** and press the selector right to display shooting mode options.


























3 Highlight the desired mode and press **MENU/OK**.



4 Press **DISP/BACK** to exit to shooting mode.

Shooting Mode Options

Mode	Description
 SCENE RECOGNITION	The camera automatically analyzes the composition and selects a scene according to shooting conditions and the type of subject.
 AUTO	Choose for crisp, clear snapshots. This mode is recommended in most situations.
P PROGRAM AE	The camera sets exposure automatically.
 PRO LOW-LIGHT	Choose when photographing stationary subjects under low light or with the camera zoomed in (📖 27).
 D-RANGE PRIORITY	Choose when photographing high-contrast scenes. The camera varies exposure over a series of shots and blends the results to preserve details in highlights and shadows (📖 28).
 NATURAL & 	The camera takes two shots: one without the flash and one with.
 NATURAL LIGHT	Capture natural lighting under low-light conditions.
 PORTRAIT	Choose for portraits.
 PORTRAIT ENHANCER	Choose for a smooth skin effect when shooting portraits.
 LANDSCAPE	Choose for daylight shots of buildings and landscapes.
 MOTION PANORAMA 360	Pan the camera to record a series of shots that are joined together to form a panorama (📖 29).
 SPORT	Choose when photographing moving subjects.

Mode	Description
 NIGHT	Choose this mode for poorly lit twilight or night scenes.
 NIGHT (TRIPOD)	Choose this mode for slow shutter speeds when shooting at night.
 SUNSET	Choose this mode to record the vivid colors in sunrises and sunsets.
 SNOW	Choose for crisp, clear shots that capture the brightness of scenes dominated by shining white snow.
 BEACH	Choose for crisp, clear shots that capture the brightness of sunlit beaches.
 UNDERWATER	Choose for underwater photography.
 UNDER WATER (WIDE)	Choose for wide-angle underwater shots that include more of the background behind the main subject.
 UNDER WATER (MACRO)	Choose for underwater close-ups of small objects.
 PARTY	Capture indoor background lighting under low-light conditions.
 FLOWER	Choose for vivid close-ups of flowers.
 TEXT	Take clear pictures of text or drawings in print.


■ PRO LOW-LIGHT

Each time the shutter button is pressed, the camera makes four exposures and combines them into a single photograph. Use to reduce noise and blur when photographing poorly lit subjects or static subjects at high zoom ratios.



- ◆ A single combined photograph may not be created with some scenes or if the subject or camera moves during shooting. Do not move the camera until shooting is complete.

PRO LOW-LIGHT

To save unprocessed copies of pictures taken in this mode, select **ON** for the  **SAVE ORIGINAL IMAGE** option in the setup menu (📖 97).


- ① Keep the camera steady during shooting.
- ① Frame coverage is reduced.
- ① The camera may make fewer than four exposures in some situations.

D-RANGE PRIORITY

Each time the shutter button is pressed, the camera takes a series of shots, each with different exposure. These are combined into a single image, preserving detail in highlights and shadows. Choose for high-contrast scenes. Press the selector left or right to choose the exposure range before shooting.

- ◆ A single combined photograph may not be created with some scenes or if the subject or camera moves during shooting. Do not move the camera until shooting is complete.

D-RANGE PRIORITY

To save unprocessed copies of pictures taken in this mode, select **ON** for the  **SAVE ORIGINAL IMAGE** option in the setup menu (📖 97).

- ① Keep the camera steady during shooting.
- ① Frame coverage is reduced.

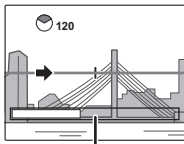
■ MOTION PANORAMA 360

Follow an on-screen guide to take photos that will automatically be joined to form a panorama. The camera zooms all the way out and remains fixed at the widest angle until shooting is complete.



- 1 To select the angle through which you will pan the camera while shooting, press the selector down. Press the selector left or right to highlight an angle and press **MENU/OK**.
- 2 Press the selector right to view a choice of pan directions. Press the selector left or right to highlight a pan direction and press **MENU/OK**.
- 3 Press the shutter button all the way down to start recording. There is no need to keep the shutter button pressed during recording.
- 4 Pan the camera in the direction shown by the arrow. Shooting ends automatically when the progress bar is full and the panorama is complete.

- ◆ Shooting ends if the shutter button is pressed all the way down during shooting. No panorama will be recorded if the shutter button is pressed before the camera has been panned through 120°.



Progress bar

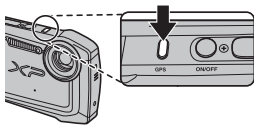
- ❗ Panoramas are created from multiple frames. The camera may in some cases record an greater or lesser angle than selected or be unable to stitch the frames together perfectly. The last part of the panorama may not be recorded if shooting ends before the panorama is complete.
- ❗ Shooting may be interrupted if the camera is panned too quickly or too slowly. Panning the camera in a direction other than that shown cancels shooting.
- ❗ The desired results may not be achieved with moving subjects, subjects close to the camera, unvarying subjects such as the sky or a field of grass, subjects that are in constant motion, such as waves and waterfalls, or subjects that undergo marked changes in brightness. Panoramas may be blurred if the subject is poorly lit.



For Best Results




For best results, move the camera in a small circle at a steady speed, keeping the camera horizontal and being careful only to pan in the direction shown by the guides. If the desired results are not achieved, try panning at a different speed.

Recording GPS Data with Pictures (Only XP150/160)

To record GPS data with new pictures, press the **GPS** button to display the GPS menu and select one of the following options for **LOCATION SEARCH**:



- **PERMANENTLY ON:** The camera continues to update GPS data for up to 3 hours after being turned off. The camera will be quicker to display GPS data when turned on, but the drain on the battery will increase. Note that GPS data is not updated at battery levels of  or below.
 - **WHEN SWITCHED ON:** The camera updates GPS data only when on. The camera may need some time to acquire GPS data when turned on. This option is selected automatically at battery levels of  and below.
- ◆ GPS works best outdoors under clear skies.

During shooting, GPS data are displayed in the monitor as shown at right. Signal strength is indicated by the number of bars;  is displayed when the camera is searching for a signal,  if the camera is in GPS demo mode, and  if no signal is detected. The current location is shown by a place name or (if no place name is available) by the longitude and latitude.



- ◆ The display of GPS information can be turned off by selecting **OFF** for **LOCATION INFO** (📖 32).

The GPS Menu

The options in the GPS menu are detailed below.

Option	Description
POWER SEARCH ON	Immediately update GPS data. ♦ GPS data are not updated if OFF for LOCATION SEARCH . ♦ GPS data can be updated by pressing and holding the GPS button.
LOCATION SEARCH	Turn the GPS receiver on or off (📖 31).
TRACKING DATA	Record GPS data (📖 34).
MY LANDMARK REGISTER	Add custom landmarks to or delete them from the map database.
AUTO TIME CORRECTION	Use GPS data to set the camera clock (📖 35).
LOCATION INFO	Display GPS data (📖 31).
km/mile	Choose the units used to display GPS information (📖 54).

Viewing GPS Data


To view GPS data, press **DISP/BACK** until GPS data appear in the monitor. If the compass heading is not correct, it will flash yellow in the GPS display. Recalibrate the compass by moving the camera slowly in a large figure eight while rotating your wrist as shown on page 35.



- ⓘ Using GPS increases the drain on the battery, causing battery performance to drop at low temperatures.
- ⓘ The receiver may have an error of a few hundred meters (yards).
- ⓘ The camera may be unable to receive GPS data in some locations. If possible, choose an outdoor location with few obstructions when turning the camera on.
- ⓘ The position recorded when a photo is taken may differ from the actual location if some time has passed since the camera was last able to update GPS data.
- ⓘ Select **OFF** for **LOCATION SEARCH** (📖 32) and **TRACKING DATA** (📖 32) in the setup menu when in a hospital and before takeoff and landing if traveling by air.
- ⓘ Place names are current as of the date on which the map database was created (📖 121) and will not be updated to reflect any changes after that date.
- ⓘ Place name data are unavailable in some countries and regions. If no name is available, the latitude and longitude will be displayed for a few seconds.

GPS

The camera may be unable to receive GPS data if the antenna (📖 2) is obstructed or when underground, underwater, under a bridge or overpass, inside a vehicle, building, tunnel, or metal briefcase, between tall buildings, or in the vicinity of cell phones or other devices that broadcast in the 1.5 GHz band.

Obey all local regulations regarding the use of GPS devices. Note that the use of GPS devices is restricted in some countries, including the People's Republic of China. Before going abroad, consult with the embassy or a travel agent. The camera may display  (no signal) in locations in which restrictions apply.

GPS Tracking

To record a GPS track log to a file on the memory card, select **ON** for **TRACKING DATA** (📖 32; be sure the clock is set to the correct time and date as described on page 18). A new log file is created when **ON** is selected and once every 24 hours thereafter. Note that the camera will continue to update GPS data even when off, increasing the drain on the battery.

- ❗ GPS logs can be viewed using MyFinePix Studio or the **DISP TRACKING DATA** option (📖 53).
- ❗ See “GPS” (📖 33) for information on using GPS.
- ❗ The indicator lamp glows orange during recording GPS data even when the camera is turned off while **ON** is selected. Select **OFF** before removing the battery or memory card. Failure to observe this precaution could damage the card.
- ❗ Tracking ends after the camera has been off for 3 hours consecutively.
- ❗ Signal strength will be displayed in yellow and GPS data will not be logged if the battery is low (🔋 or less), no memory card is inserted, or the memory card has less than 32 MB free. To resume the log, select **ON** after inserting a charged battery or a memory card with more than 32 MB free.
- ❗ GPS tracking may be interrupted during movie recording and playback.

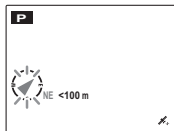
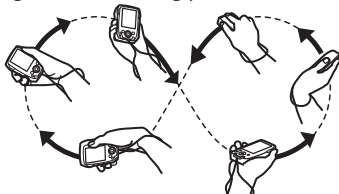
Using GPS to Set the Camera Clock

The **AUTO TIME CORRECTION** item can be used to synchronize the camera clock to the time provided by GPS satellites. Select **ON (W/o SUMMERTIME)** to set the clock to local standard time or **ON (W/ SUMMERTIME)** to set the clock to local daylight saving time. If daylight saving time is in effect, time will automatically be advanced one hour.

- ① If the camera is able to receive GPS data, the clock will be synchronized when the camera is turned off.
- ① Selecting **← LOCAL** for **⏸ TIME DIFFERENCE** turns **AUTO TIME CORRECTION** off. Note that GPS may not provide the correct time in some locations; if necessary select **OFF** for **AUTO TIME CORRECTION** and set the clock using **🕒 DATE/TIME** (📖 91).

Compass Error

If the compass heading is not correct, it will flash yellow in the GPS display. Recalibrate the compass by moving the camera slowly in a large figure eight while rotating your wrist as shown.



If the compass heading continues to flash, choose a different location and try again.

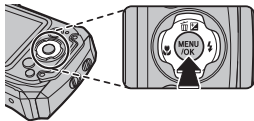
- ① To ensure that you do not drop the camera, use the strap (📖 1).

Intelligent Face Detection

Intelligent Face Detection sets focus and exposure for human faces anywhere in the frame, preventing the camera from focusing on the background in group portraits. Choose for shots that emphasize portrait subjects.

To use Intelligent Face Detection, press **MENU/OK** to display the shooting menu and select **ON** for

FACE DETECTION (📖 78). Faces can be detected with the camera in vertical or horizontal orientation; if a face is detected, it will be indicated by a green border. If there is more than one face in the frame, the camera will select the face closest to the center; other faces are indicated by white borders.

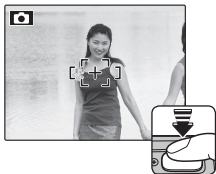


- ❗ In some modes, the camera may set exposure for the frame as a whole rather than the portrait subject.
- ❗ If the subject moves as the shutter button is pressed, their face may not be in the area indicated by the green border when the picture is taken.

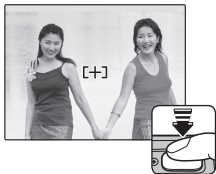
Focus Lock

To compose photographs with off-center subjects:

1 Focus: 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 Recompose: Keep the button pressed halfway.



3 Shoot: Press the button all the way down.




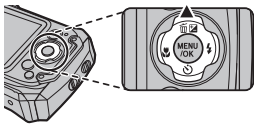
Autofocus

Although the camera boasts a high-precision autofocus system, it may be unable to focus on the subjects listed below. If the camera is unable to focus, focus on another subject at the same distance and use focus lock to recompose the photograph.

- Very shiny subjects such as mirrors or car bodies.
- Fast-moving subjects.
- 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 (for example, subjects in clothing that is the same color as 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).

Exposure Compensation


To adjust exposure compensation when photographing very bright, very dark, or high-contrast subjects, press the selector up () . Press the selector up or down to choose an exposure compensation value and then press **MENU/OK**.






*Choose positive (+) values
to increase exposure*

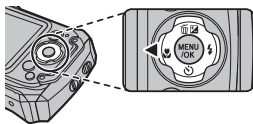


*Choose negative (-) values
to reduce exposure*


- ❖ A  icon and exposure indicator are displayed at settings other than ± 0 . Exposure compensation is not reset when the camera is turned off; to restore normal exposure control, choose a value of ± 0 .
- ❖ Turn the flash off when using exposure compensation.
- ❖ Exposure compensation is available only when **P** (PROGRAM AE) is selected for shooting mode.

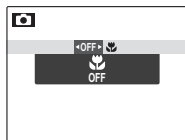
Macro Mode (Close-ups)

For close-ups, press the selector left () and select . When macro mode is in effect, the camera focuses on subjects near the center of the frame. Use the zoom control to compose pictures ( 20).



To exit macro mode, press the selector left () and select  OFF.

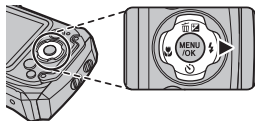
-  Use of a tripod is recommended to prevent blur caused by camera shake.








⚡ Using the Flash (Intelligent Flash)

When the flash is used, the camera's *Intelligent Flash* system instantly analyzes the scene based on such factors as the brightness of the subject, its position in the frame, and its distance from the camera. Flash output and sensitivity are adjusted to ensure that the main subject is correctly exposed while preserving the effects of ambient background lighting, even in dimly-lit indoor scenes. Use the flash when lighting is poor, for example when shooting at night or indoors under low light.






Press the selector right (⚡) and choose from the following flash modes:



Option	Description
AUTO /  (AUTO FLASH)	The flash fires when required. Recommended in most situations.
⚡ /  (FORCED FLASH)	The flash fires whenever a picture is taken. Use for backlit subjects or for natural coloration when shooting in bright light.
Ⓢ (SUPPRESSED FLASH)	The flash does not fire even when the subject is poorly lit. Use of a tripod is recommended.
S S /  (SLOW SYNCHRO)	Capture both the main subject and the background under low light (note that brightly lit scenes may be overexposed).

- ◆ If the flash will fire,  will be displayed when the shutter button is pressed halfway. At slow shutter speeds,  will appear in the display to warn that pictures may be blurred; use of a tripod is recommended.
- ◆ The flash may fire several times with each shot. Do not move the camera until shooting is complete.
- ◆ The flash may cause vignetting.

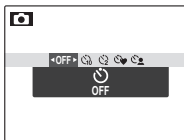
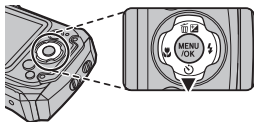
Red-Eye Removal

When Intelligent Face Detection ( 36) and red-eye removal ( 86) are on, red-eye removal is available in auto (: RED EYE REDUCTION), flash on (; FORCED FLASH), and slow sync (: RED EYE & SLOW) modes. Red-eye removal minimizes “*red-eye*” caused when light from the flash is reflected from the subject’s retinas as shown in the illustration at right.



⏸ Using the Self-Timer

To use the self-timer, press the selector down (⏸) and choose from the following options:



Option	Description
⏸ (OFF)	Self-timer off.
♥♥ (COUPLE TIMER)	The camera starts the timer when it detects two portrait subjects close together. Press the selector up to choose how close the subjects must be together before the timer starts (the more hearts, the closer the subjects must be together). ◆ To stop the timer before the picture is taken, press DISP/BACK .
👤 (GROUP TIMER)	The camera will start the timer when it detects the selected number of portrait subjects. Press the selector up to choose the number of subjects. ◆ To stop the timer before the picture is taken, press DISP/BACK .
⏸ (10 SEC)	The shutter is released ten seconds after the shutter button is pressed. Use for self-portraits. The self-timer lamp on the front of the camera blinks while the timer counts down.
⏸ (2 SEC)	The shutter is released two seconds after the shutter button is pressed. Use to reduce blur caused by the camera moving when the shutter-release button is pressed. The self-timer lamp will blink as the timer counts down.


More on Playback

Playback Options

To view the most recent picture in the LCD monitor, press the  button.



Press the selector right to view pictures in the order recorded, left to view pictures in reverse order. Keep the selector pressed to scroll rapidly to the desired frame.

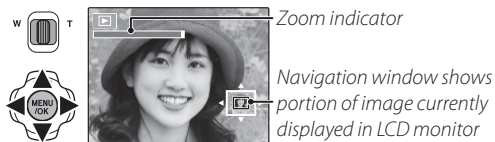
◆ Pictures taken using other cameras are indicated by a  ("gift image") icon during playback.

★ Favorites: Rating Pictures

To rate the picture currently displayed in full-frame playback, press **DISP/BACK** and press the selector up and down to select from zero to five stars.

Playback Zoom

Select **T** to zoom in on pictures displayed in single-frame playback; select **W** to zoom out. When the picture is zoomed in, the selector can be used to view areas of the image not currently visible in the display.

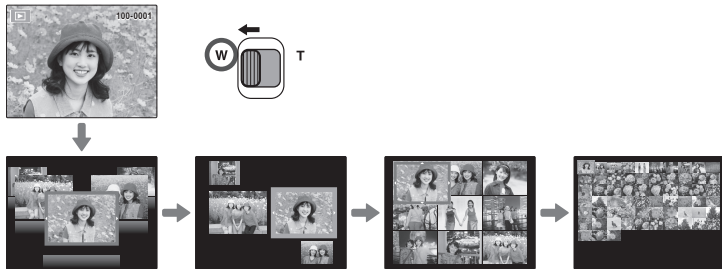


Press **DISP/BACK** to exit zoom.

- ◆ The maximum zoom ratio varies with image size. Playback zoom is not available with cropped or resized copies saved at a size of **640** or smaller.


Multi-Frame Playback

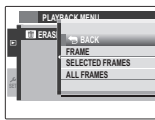
Selecting **W** when a picture is shown full-frame in the LCD monitor displays the current image with previous and following images in the background. Select **W** to increase the number of images displayed to two, nine, or one hundred, **T** to view fewer images.




When two or more images are displayed, use the selector to highlight images and press **MENU/OK** to view the highlighted image full frame. In the nine- and hundred-frame displays, use the selector to view more pictures.

Deleting Pictures

To delete individual pictures, multiple selected pictures, or all pictures, press **MENU/OK**, select  **ERASE** (📖 81), and choose from the options below. *Note that deleted pictures can not be recovered. Copy important pictures to a computer or other storage device before proceeding.*











Option	Description
FRAME	Press the selector left or right to scroll through pictures and press MENU/OK to delete the current picture (a confirmation dialog is not displayed).
SELECTED FRAMES	Highlight pictures and press MENU/OK to select or deselect (pictures that are protected or in a print order are shown by ). When the operation is complete, press DISP/BACK to display a confirmation dialog, then highlight OK and press MENU/OK to delete the selected pictures.
ALL FRAMES	A confirmation dialog will be displayed; highlight OK and press MENU/OK to delete all unprotected pictures (if a memory card is inserted, only the pictures on the memory card will be affected; the pictures in internal memory are only deleted if no memory card is inserted). Pressing DISP/BACK cancels deletion; note that any pictures deleted before the button was pressed can not be recovered.

- ❖ Protected pictures can not be deleted. Remove protection from any pictures you wish to delete (📖 86).
- ❖ If a message appears stating that the selected images are part of a DPOF print order, press **MENU/OK** to delete the pictures.

Image Search





Search for pictures.

- 1 Select  **IMAGE SEARCH** in the playback menu ( 81), highlight one of the following search criteria, and press **MENU/OK**:
 - **BY DATE**: Search by date.
 - **BY GPS LOCATION NAME** (XP150/XP160 only): Search by location name (location names that do not begin with a letter from A to Z are listed in the search conditions under “#”).
 - **BY FACE**: Search for faces from the face recognition database.
 - **BY ★ FAVORITES**: Search by rating.
 - **BY SCENE**: Search by scene.
 - **BY TYPE OF DATA**: Find all still pictures, all movies, or edited pictures.
 - **BY UPLOAD MARK**: Find all pictures selected for upload to a specified destination.
- 2 Select a search condition. Only pictures that match the search condition will be displayed. To delete or protect selected pictures or to view the search results in a slide show, press **MENU/OK** and choose  **ERASE** ( 47),  **PROTECT** ( 86), or  **SLIDE SHOW** ( 85).

PhotoBook Assist

Create books from your favorite photos.

Creating a PhotoBook

- 1 Select **NEW BOOK** for  **PHOTOBOOK ASSIST** in the playback menu ( 81) and choose from the following options:
 - **SELECT FROM ALL:** Choose from all available pictures.
 - **SELECT BY IMAGE SEARCH:** Choose from pictures matching selected search conditions ( 48).
 - ◆ Neither photographs  or smaller nor movies can be selected for photobooks.
 - 2 Scroll through the images and press the selector up to select or deselect. To display the current image on the cover, press the selector down. Press **MENU/OK** to exit when the book is complete.
 - ◆ The first picture selected becomes the cover image. Press the selector down to select a different image for the cover.
 - 3 Select **COMPLETE PHOTOBOOK** (to select all photos or all photos matching the specified search conditions for the book, choose **SELECT ALL**). The new book will be added to the list in the photobook assist menu.
- ⓘ Books can contain up to 300 pictures.
- ⓘ Books that contain no photos are automatically deleted.

Viewing Photobooks

Highlight a book in the photobook assist menu and press **MENU/OK** to display the book, then press the selector left or right to scroll through the pictures.

Editing and Deleting Photobooks

Display the photobook and press **MENU/OK**. The following options will be displayed; select the desired option and follow the on-screen instructions.

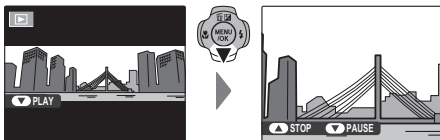
- **EDIT:** Edit the book as described in “Creating a PhotoBook” (📖 49).
- **ERASE:** Delete the book.

Photobooks

Photobooks can be copied to a computer using the supplied MyFinePix Studio software.

Viewing Panoramas

If you press the selector down when a panorama is displayed full frame, the camera will play back the picture from left to right or from bottom to top. To pause playback, press the selector down; press the selector down again to resume. To exit to full-frame playback, press the selector up while panorama playback is in progress.



Viewing GPS Data (Only XP150/160)

During playback, pictures for which GPS data exist are indicated by a **GPS** icon. GPS data are shown for a few seconds each time the picture is displayed.



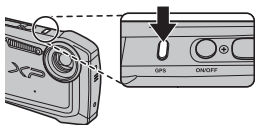
Viewing GPS Data

To view the compass heading at the time the picture was taken, press **DISP/BACK** until GPS data appear in the monitor.



The GPS Menu

The GPS menu can be displayed by pressing the **GPS** button.



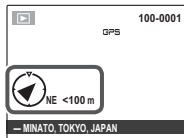
Option	Description
POWER SEARCH ON	Immediately update GPS data. <ul style="list-style-type: none"> ❖ GPS data are not updated if OFF for LOCATION SEARCH. ❖ GPS data can be updated by pressing and holding the GPS button.
LOCATION SEARCH	Turn the GPS receiver on or off (📖 31).
TRACKING DATA	Record GPS data (📖 34).
DISP TRACKING DATA	View the GPS track (📖 56).
ERASE TRACKING DATA	Delete the GPS track (📖 57).
PHOTO NAVIGATION	View the approximate direction and distance to the location where current the picture was taken (📖 54).
LOCATION INFO COPY	Copy GPS data from one picture to another (📖 55).
AUTO TIME CORRECTION	Use GPS data to set the camera clock (📖 35).
LOCATION INFO	Display GPS data (📖 31).
km/mile	Choose the units used to display GPS information (📖 54).

Photo Navigation


To show the direction and distance from your present position to the location where a picture was taken:

- 1 Select an option other than **OFF** for **LOCATION SEARCH** and confirm that the camera is receiving GPS data (📖 53).
- 2 Display a picture with a **GPS** icon.
- 3 Select **PHOTO NAVIGATION** (📖 53) in the **GPS** menu. The approximate direction and distance to the location where the picture was taken are displayed as shown, using the units selected for **km/mile** (📖 53). Distances over 1000 units are indicated by ">", those under 100 units by "<".

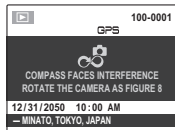
❖ Photo navigation ends when the next picture is displayed.



Calibration

A  icon indicates that the camera's internal sensor requires calibration. Move the camera slowly in a large figure eight while rotating your wrist as shown on page 35. If the icon does not clear from the display, choose a different location and try again.

① To ensure that you do not drop the camera, use the strap (📖 1).



Copying GPS Data to Other Images

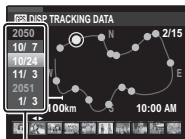
GPS data can be copied from other pictures to images that lack correct GPS information.

- 1** Select **LOCATION INFO COPY** in the **GPS** menu (📖 53).
 - 2** Press the selector left or right to display the source image for the GPS data and press **MENU/OK**.
 - 3** Press the selector left or right to display the destination and press **MENU/OK** to copy the data to the image.
- ⓘ Once copied, the new GPS data can not be deleted and the original GPS data can not be recovered. Note, however, that copying data from a picture with GPS data to a picture with GPS data will delete the original GPS data recorded with the destination picture.
 - ⓘ The camera may be unable to copy GPS data to or from images created on other devices.

Viewing the GPS Track

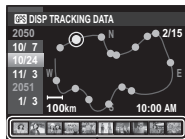
To view the track created with **TRACKING DATA** (📖 53):

- 1 Select **DISP TRACKING DATA** in the **GPS** menu.
- 2 Press the selector up or down to highlight the desired track log.



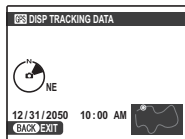
Select a track log

- 3 The track is shown by a line with dots (●) representing the locations where photographs were taken. Press the selector left or right to highlight a location (the highlighted location is shown by ●).



Select a location

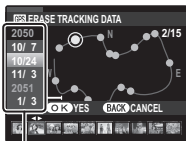
- 4 Press **MENU/OK** to view the photograph taken at the highlighted location. Press the selector left or right to view additional photographs or press **DISP/BACK** to return to the track. Press **MENU/OK** to exit to normal playback.



Deleting Track Logs

To delete track logs recorded with **TRACKING DATA** (📖 53):

- 1 Select **ERASE TRACKING DATA** in the **GPS** menu.
- 2 Press the selector up or down to highlight the desired track log and press **MENU/OK**.



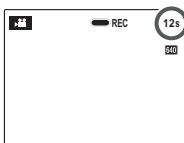
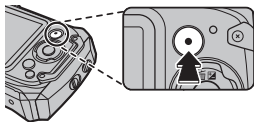
Select a track log

- 3 A confirmation dialog will be displayed; highlight **OK** and press **MENU/OK** to delete the selected log.
- ❖ Images are not deleted when track logs are erased.

Movies

Recording Movies

Press **REC** to shoot a movie. During recording, **REC** and the time remaining will be displayed in the LCD monitor and sound will be recorded via the built-in microphone (be careful not to cover the microphone during recording).





Time available is displayed in monitor







To end recording, press the **REC** button again. Recording ends automatically when the movie reaches maximum length or memory is full.

- ❖ Zoom can be adjusted while recording is in progress. The type of zoom can be selected using the **MOVIE ZOOM TYPE** option in the setup menu (97).
- ❖ Focus, exposure and white balance are adjusted automatically throughout recording (the focus mode can be selected using the **MOVIE AF MODE** option in the shooting menu; 79). The color and brightness of the image may vary from that displayed before recording begins.
- ❖ Sounds made by the camera may be recorded.

- ⓘ The indicator lamp lights while movies are being recorded. Do not open the battery chamber during shooting or while the indicator lamp is lit. Failure to observe this precaution could prevent the movie from being played back.
- ⓘ Vertical or horizontal streaks may appear in movies containing very bright subjects. This is normal and does not indicate a malfunction.
- ⓘ The temperature of the camera may rise if it is used to record movies for an extended period or if the ambient temperature is high. This is normal and does not indicate a malfunction.

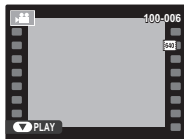
Movie Frame Size

Before recording, select a frame size using the  **MOVIE MODE** option in the shooting menu ( 79).

Option	Description
 1920 (1920×1080)	Full HD (High Definition).
 1280 (1280×720)	High Definition.
 640 (640×480)	Standard definition.
 640×480 (80 fps)	High speed movie. Sound is not recorded, and focus, exposure, and white balance are not adjusted automatically.
 320×240 (160 fps)	
 320×240 (240 fps)	

Viewing Movies

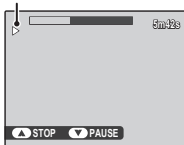
During playback, movies are displayed in the LCD monitor as shown at right. The following operations can be performed while a movie is displayed:



Option	Description
Start/pause playback	Press the selector down to start playback. Press again to pause.
End playback/delete	Press the selector up to end playback. If playback is not in progress, pressing the selector up will delete the movie.
Adjust speed	Press the selector left or right to adjust playback speed during playback.
Adjust volume	Press MENU/OK to pause playback and display volume controls. Press the selector up or down to adjust the volume and press MENU/OK to exit. Volume can also be adjusted from the setup menu.

Playback Speed

Press the selector left or right to adjust playback speed. Speed is shown by the number of arrows (▶ or ◀).



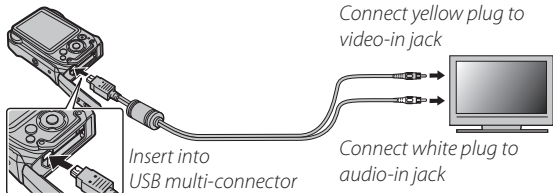
ⓘ Do not cover the speaker during playback.


Connections

Viewing Pictures on TV

Connect the camera to a TV to show pictures to a group.

- 1 Turn the camera off and connect an optional A/V cable as shown below.

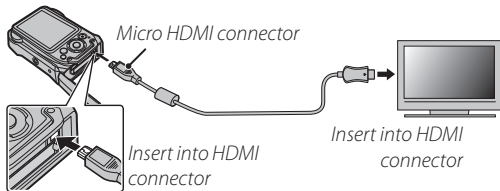



- 1 When connecting cables, be sure the connectors are fully inserted.
 - 2 Image quality may drop during movie playback.
- 2 Tune the television to the video input channel. See the documentation supplied with the television for details.
- 3 Press the  button for about a second to turn the camera on. The camera monitor turns off and pictures and movies are played back on the TV. Note that the camera volume controls have no effect on sounds played on the TV; use the television volume controls to adjust the volume.

Viewing Pictures on High-Definition TVs

The camera can be connected to High-Definition (HD) devices using an HDMI cable (available separately from third-party sources).

- 1 Turn the camera off and connect the HDMI cable as shown below.



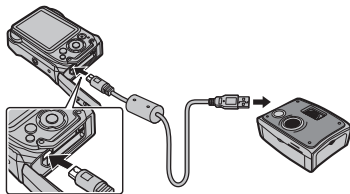
- ① When connecting cables, be sure the connectors are fully inserted.
 - ◆ When an HDMI cable is connected, pictures and sound are played back on the TV.
- 2 Tune the television to the HDMI input channel. See the documentation supplied with the television for details.
- 3 Press the  button for about a second to turn the camera on. The camera monitor turns off and pictures and movies are played back on the TV. Note that the camera volume controls have no effect on sounds played on the TV; use the television volume controls to adjust the volume.
 - ◆ The USB cable can not be used while an HDMI cable is connected.
 - ◆ Some televisions may briefly display a black screen when movie playback begins.

Printing Pictures via USB

If the printer supports PictBridge, the camera can be connected directly to the printer as shown below and pictures can be printed without first being copied to a computer. Note that depending on the printer, not all the functions described below may be supported.



- 1 Connect the supplied USB cable as shown and turn the printer on.



- 2 Turn the camera on.
- 3 Press the selector left or right to display a picture you wish to print.
- 4 Press the selector up or down to choose the number of copies (up to 99).
- 5 Repeat steps 3–4 to select additional pictures. Press **MENU/OK** to display a confirmation dialog when settings are complete.

6 Press **MENU/OK** to start printing. Printing can be interrupted by pressing **DISP/BACK**, but note that some printers may not respond immediately. If the printer stops before printing is complete, turn the camera off and then on again.


7 After confirming that **PRINTING** has cleared from the camera display, turn the camera off and disconnect the USB cable.

- ❖ Pictures can be printed from internal memory or a memory card that has been formatted in the camera.
- ❖ If no pictures are selected, the camera will print one copy of the current picture.
- ❖ Page size, print quality, and border selections are made using the printer.

Printing the Date of Recording

To print the date of recording on pictures, press **DISP/BACK** in the PictBridge display and select **PRINT WITH DATE**  in the PictBridge menu (to print pictures without the date of recording, select **PRINT WITHOUT DATE**).



Printing the DPOF Print Order


The  **PRINT ORDER (DPOF)** option in the playback menu can be used to create a digital “print order” for PictBridge-compatible printers (📖 99) or devices that support DPOF.

DPOF

DPOF (Digital Print Order Format) is a standard that allows pictures to be printed from “print orders” stored in internal memory or on a memory card. The information in the order includes the pictures to be printed and the number of copies of each picture.



- 1** Select playback mode and press **MENU/OK** to display the playback menu.
- 2** Highlight  **PRINT ORDER (DPOF)** and press **MENU/OK**.
- 3** Highlight one of the following options and press **MENU/OK**:
 - **WITH DATE** : Print the date of recording on pictures.
 - **WITHOUT DATE**: Do not print the date of recording on pictures.

 Some printers do not support date printing. See the printer manual for details.
- 4** Press the selector left or right to display a picture you wish to add to or remove from the print order.

- 5** Press the selector up or down to choose the number of copies (up to 99). To remove a picture from the print order, press the selector down until the number of copies is zero.
- 6** Repeat Steps 4–5 to complete the print order and press **MENU/OK** when settings are complete.
- 7** A confirmation dialog will be displayed. Press **MENU/OK** to save the print order.

 - ◆ Remove the memory card to create or modify a print order for the pictures in internal memory.
 - ◆ Print orders can contain a maximum of 999 pictures.
 - ◆ If a memory card is inserted containing a print order created by another camera, a message will be displayed. Create a new print order as described above.

Viewing Pictures on a Computer

The supplied software can be used to copy pictures to a computer, where they can be stored, viewed, organized, and printed. Before proceeding, install the software as described below. *Do not connect the camera to the computer until installation is complete.*

Windows: Installing MyFinePix Studio

1 Confirm that the computer meets the following system requirements:

	Windows 7 (SP 1)/Windows Vista (SP 2) ¹	Windows XP (SP 3) ¹
CPU	3 GHz Pentium 4 or better (2.4GHz Core 2 Duo or better) ²	2 GHz Pentium 4 or better (2.4GHz Core 2 Duo or better) ²
RAM	1 GB or more	512 MB or more (1 GB or more) ²
Free disk space	2 GB or more	
GPU	Supports DirectX 9 or later (recommended)	Supports DirectX 7 or later (required; performance not guaranteed with other GPUs)
Video	1,024×768 pixels or more with 24-bit color or better	
Other	<ul style="list-style-type: none">• Built-in USB port recommended. Operation is not guaranteed with other USB ports.• .NET Framework 3.5 Service Pack 1 required when uploading images or using Map Viewer.• Internet connection (broadband recommended) required to install .NET Framework (if necessary), to use auto update feature, and when performing such tasks as sharing pictures on-line or via e-mail.	

1 Other versions of Windows are not supported. Only pre-installed operating systems are supported; operation is not guaranteed on home-built computers or computers that have been upgraded from earlier versions of Windows.

2 Recommended when displaying HD movies.