

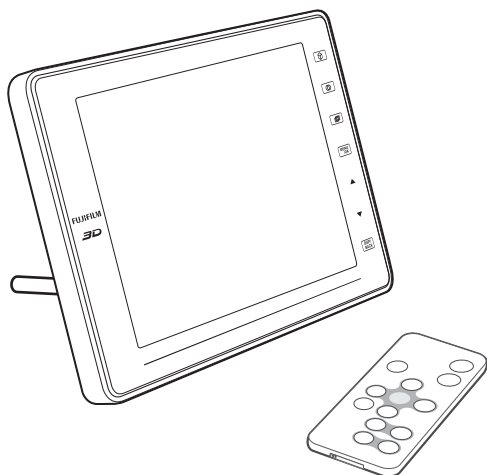
DIGITAL VIEWER

FINEPIX

REAL 3D V1

Owner's Manual

Thank you for your purchase of this product. This manual describes how to use your FUJIFILM FinePix REAL 3D V1 digital viewer and the supplied software. Be sure that you have read and understood its contents before using the viewer.



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

Before You Begin

First Steps

Viewing Pictures

More Menu Options

Connections

Troubleshooting

Appendix

IMPORTANT SAFETY INSTRUCTIONS

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

Installation

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

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

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

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

Ventilation: Slots and openings in the cabinet are provided for ventilation, to ensure reliable operation of the video product

and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the video product on a bed, sofa, rug, or other similar surface.

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

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

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

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

Accessories: Do not place this video product on an unstable cart, stand, tripod, bracket, or table 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.

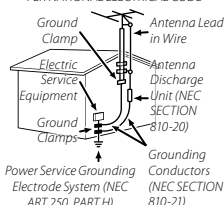
An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



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 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.

Lightning: For added protection for this video product receiver during a lightning storm, or

when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power-line surges.

Service

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

Damage Requiring Service: Unplug this video product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power-supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the video product.
- If the video product has been exposed to rain or water.
- If the video product has been dropped or the cabinet has been damaged.

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

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

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

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

Be sure to read these notes before use

Safety Notes

- Make sure that you use your viewer 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 device off and disconnect and unplug the AC power adapter. Continued use of the device 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 device. If water or foreign objects get inside the device, turn the device off and disconnect and unplug the AC power adapter. Continued use of the device can cause a fire or electric shock. Contact your FUJIFILM dealer.
	Do not use the device in the bathroom or shower. This can cause a fire or electric shock.
	Never attempt to change or take apart the device. (Never open the casing.) Do not use the device when it has been dropped or the casing is damaged. This can cause a fire or electric shock. Contact your FUJIFILM dealer.
	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 device on an unstable surface. This can cause the device to fall or tip over and cause injury.
	Never attempt to view pictures while in motion. Do not use the device while you are walking or driving a vehicle. This can result in you falling down or being involved in a traffic accident.

 WARNING	
	Do not touch any metal parts of the device 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 AC power adapters specified for use with this device. 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.
	When carrying the battery, install it in the remote control or keep it in a plastic case. When storing the battery, keep it in a plastic 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 device in locations affected by oil fumes, steam, humidity or dust. This can cause a fire or electric shock.
	Do not leave this device in places subject to extremely high temperatures. Do not leave the device 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 device. This can cause the heavy object to tip over or fall and cause injury.
	Do not move the device while the AC power adapter is still connected. Do not pull on the connection cord to disconnect the AC power adapter. This can damage the power cord or cables and cause a fire or electric shock.
	Do not cover or wrap the device 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 device or you do not plan to use the device for an extended period, disconnect and unplug the AC power adapter. Failure to do so can cause a fire or electric shock.
	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.
	Request regular internal testing and cleaning for the device. Build-up of dust in the device 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

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

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.
- Dispose of used batteries promptly.
- Do not drop or subject to strong physical shocks.
- Do not expose to water.
- Keep the terminals clean.
- The battery and remote control may become warm to the touch after extended use. This is normal.

AC Power Adapters

Use only FUJIFILM AC power adapters designated for use with this device. Other adapters could damage the device.

- The AC power adapter is for indoor use only.
- Be sure the DC plug is securely connected to the device.
- Turn the device 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 AC power adapter may hum or become hot to the touch during use. This is normal.
- If the AC power adapter causes radio interference, reorient or relocate the receiving antenna.

Using the Device**Electrical Interference**

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

Liquid Crystal

In the event that the 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.

NOTICES

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

Please read the "Safety Notes" (pages iii–iv) and make sure you understand them before using the device.

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

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.

EC Declaration of Conformity

We

Name: FUJIFILM Electronic Imaging Europe GmbH**Address:** Benzstrasse 2, 47533 Kleve, Germany

declare that the product

Product Name: FUJIFILM DIGITAL VIEWER REAL 3D V1**Manufacturer's Name:** FUJIFILM Corporation**Manufacturer's Address:** 7-3, AKASAKA 9-CHOME, MINATO-KU, TOKYO 107-0052 JAPAN

conforms to the following Standards:

Safety: EN60950-1: 2006 + A11: 2009**EMC:** EN55022: 1998 + A1: 2000 + A2: 2003 Class B

EN55024: 1998 + A1: 2001 + A2: 2003

EN61000-3-2: 2006

EN61000-3-3: 1995 + A1: 2001 + A2: 2005

following the provision of the EMC Directive (2004/108/EC) and Low Voltage Directive (2006/95/EC).



Kleve, Germany

August 1, 2009

Place

Date

Signature, Managing Director

Disposal of Electrical and Electronic Equipment in Private Households**Disposal of Used Electrical and Electronic Equipment (Applicable 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.

Notes on Copyright

Unless intended solely for personal use, images displayed on your digital viewer 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.

Trademark Information

xD-Picture Card is a trademark of FUJIFILM Corporation. Microsoft, Windows, the Windows logo, Windows Vista and the Windows Vista logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. "Windows" is an abbreviation used in reference to the Microsoft Windows operating system. 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 logo is a trademark. All other trade names mentioned in this manual are the trademarks or registered trademarks of their respective owners.

Note: The "Designed for Microsoft® Windows® XP" and "CERTIFIED FOR Windows Vista™" logos apply only to the viewer and viewer hardware driver.

Viewer Q & A

Find items by task.

Viewing Pictures

Question	Key phrase	See page
How do I view 3D pictures?	Viewing 3D images	17
How do I adjust parallax?		
How do I view a lot of pictures at once?	Multi-frame playback	16
How do I find pictures?	Multi-frame playback	16
	Image search	18
Can I view my pictures in a slide show?	Slide show	12
Can I choose how long each slide is displayed?	Slide show time/frame	22
Can I select just one picture for display?	Single image	14
Can I enlarge part of a picture for display?	Playback zoom	15
Can I choose the area displayed?		
How do I display pictures at their original size?		
Can I rotate pictures?	Orientation	22
Can I display the time or date?	Clock/calendar	19

Other Operations

Question	Key phrase	See page
What are the parts of the viewer and remote control called?	Parts	3
How do I delete pictures?	Erase	20
How do I set the clock?	Date/time	10
How do I restore factory settings?	Reset	22
Can I copy pictures from a camera or other device via infrared?	Infrared (IR)	23
Can I connect to a computer and copy pictures via USB?	Connecting to a computer	24
How do I change viewer settings?	Setup	21

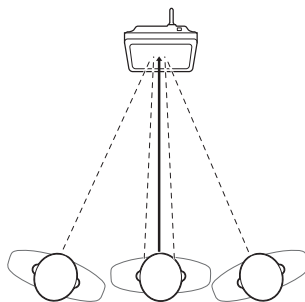
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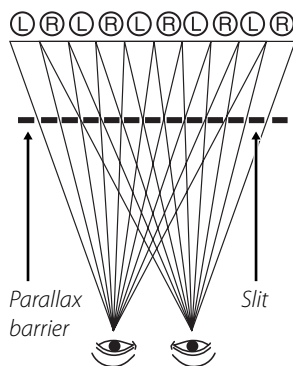
Viewing 3D Images

The FinePix REAL 3D V1 displays **3D** photographs taken with cameras such as the FinePix REAL 3D W1 (pg. 17). **3D** images are best viewed from a position directly in front of the screen (or, if more than one person is present, slightly to one side) at a distance of about 60 cm (2 ft.).



3D Display

The FinePix REAL 3D V1 uses a parallax barrier consisting of a series of slits placed over a pair of images with different parallax displayed in a series of alternating strips, allowing each eye to see a different image and creating the illusion of depth when the screen is viewed at the proper angle and distance. A consequence of this is that the **3D** effect is only visible from certain angles.



Caution: Using the FinePix REAL 3D V1

2D display is recommended for young children (up to the age of about six) whose visual system is still maturing and for individuals with notable differences in vision between their two eyes, who may find it difficult or impossible to observe the **3D** effect. The **3D** effect is only visible from certain angles and may not be visible at high magnifications. Should you experience fatigue or discomfort while viewing **3D** images, cease use immediately. A ten-minute break is recommended about once every half hour. Switch to **2D** immediately if **3D** images still appear double after you have adjusted parallax. Individuals with a history of photosensitive epilepsy or heart disease or who are unwell or suffering from fatigue, insomnia, or the effects of alcohol should refrain from viewing **3D** images. Viewing **3D** images while in motion may cause fatigue or discomfort.

Getting Started

Before using the FinePix REAL 3D V1 digital viewer, read the warnings on pages ii–v and take a few minutes to familiarize yourself with the terms and conventions used in this manual. For information on specific topics, consult the sources below.

✓ Viewer Q & A (pg. vi) Know what you want to do but don't know the name for it? Find the answer in "Viewer Q & A."	✓ Table of Contents (pg. vii) The "Table of Contents" gives an overview of the entire manual. The principal digital viewer operations are listed here.
✓ Troubleshooting (pg. 26) Having a specific problem with the digital viewer? Find the answer here.	✓ Glossary (pg. 28) The meanings of some technical terms may be found here.

Symbols and Conventions

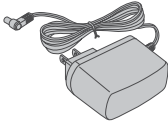
The following symbols are used in this manual:

- ⚠ **Caution:** This information should be read before use to ensure correct operation.
- 👉 **Note:** Points to note when using the device.
- 📖 **Tip:** Additional information that may be helpful when using the device.

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

Package Contents

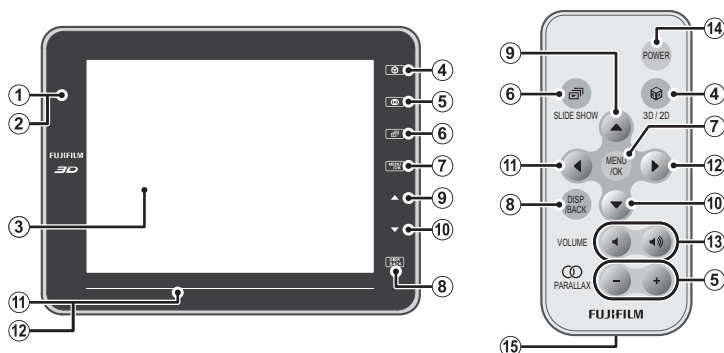
Before using the viewer, confirm that the package contains these items:

 <i>FinePix REAL 3D V1 digital viewer</i>	 <i>Remote control (ships with battery installed)</i>	 <i>Stand</i>
 <i>AC power adapter</i>	 <i>Software CD</i>	• USB cable • Warranty • <i>Owner's Manual</i> (this manual)

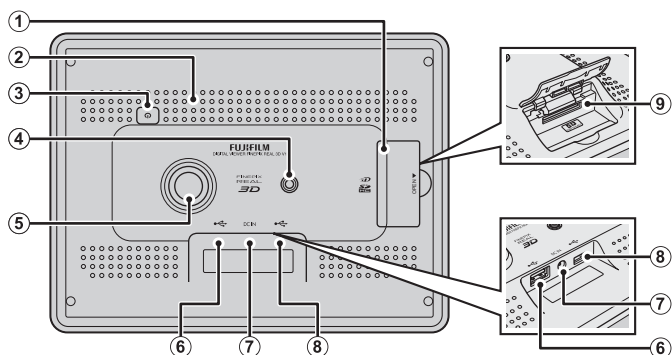
 **Memory Cards**
This product supports **xD-Picture Card**, and SD and SDHC memory cards. In this manual, these are referred to as "memory cards." For more information, see page 29.

Parts of the Viewer and Remote Control

The same numbers are used for controls that appear both on the viewer and the remote. Unless otherwise noted, the controls on the remote perform the same functions as those on the viewer; the descriptions in this manual generally refer to the remote.



No.	Viewer (front view)	Remote control	Page
1	Infrared receiver (for remote control)	—	5
2	Infrared data port (for data transfer)	—	23
3	Display	—	—
4	3D/2D button	3D/2D button	17
5	(parallax) button	PARALLAX (+/-) buttons	17
6	(slide show) button	SLIDE SHOW button	12
7	MENU/OK button	MENU/OK button	10
8	DISP/BACK button	DISP/BACK button	15
9	▲ button	▲ button	10
10	▼ button	▼ button	
11	Touch bar (left/right)	◀ button	
12		▶ button	
13	—	VOLUME (◀/▶) buttons	—
14	(See back view)	POWER button	9
15	—	Battery holder	6



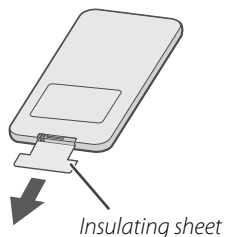
No.	Viewer (back view)	Page
1	Memory card slot cover	8
2	Stereo speakers	—
3	⏻ (power) button	9
4	Tripod mount	7
5	Hole for stand	7
6	USB host connector	—
7	Connector for AC power adapter	9
8	Mini-B USB connector	25
9	Memory card slot	8

Readying the Remote Control

A battery is inserted in the remote control at shipment. Before using the remote control, remove the plastic insulating sheet from the battery chamber.

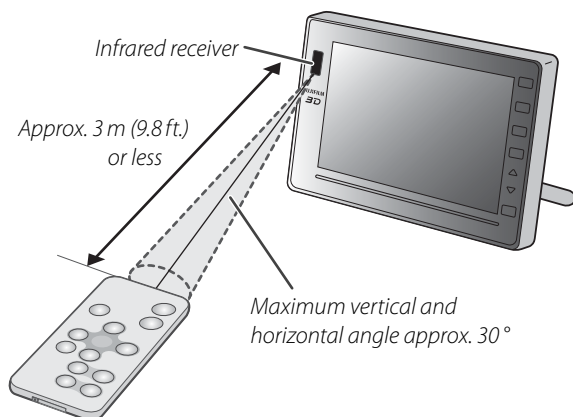
Note

The battery supplied with the remote control is intended for trial use only. Replace the battery as described on page 6 if the remote control does not function as expected.



Using the Remote

Point the remote at the infrared receiver on the digital viewer.



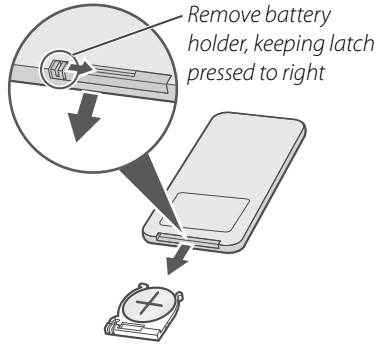
Caution

Do not place stickers or other obstructions over the infrared receiver.

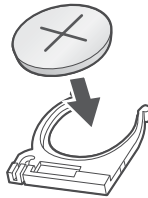
Replacing the Battery

If the remote control does not function as expected, replace the battery with a fresh CR2025 battery (available separately from third-party suppliers).

- 1** Turn the remote control over and remove the battery holder.



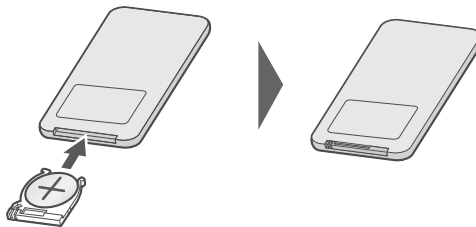
- 2** Remove the old battery from the holder and insert a fresh battery as shown, with the "+" indicator upmost.



Caution

Insert the battery in the correct orientation.

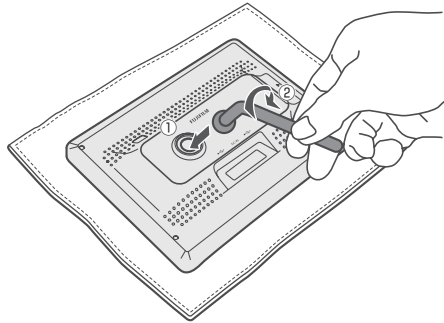
- 3** Slide the holder into the remote control until the latch clicks into place.



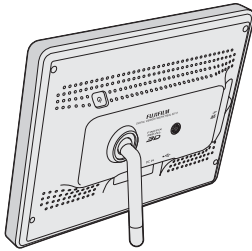
Attaching the Stand

Attach the stand to the frame.

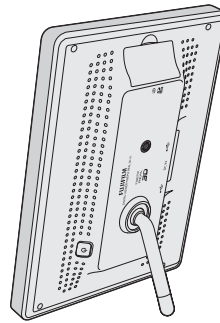
- 1 Place a towel or other soft cloth on a level surface such as a table and place the viewer face down on the cloth.
- 2 Gently screw the stand into the hole on the back of the viewer as shown.



- 3 Stand the viewer as shown.



Wide orientation



Tall orientation

Note

The stand can be used in tall orientation when viewing **2D** images, but must be in wide orientation to provide a **3D** effect with **3D** images. Tall orientation pictures can be rotated for display in wide orientation using the **ORIENTATION** option in the setup menu.

Caution

The viewer should only be used on a table or other flat horizontal surface; do not hang the viewer from a picture hook or mount it on a wall or other vertical surface using double-faced tape.

Tip: The Tripod Mount

The viewer can also be placed on a tripod using the tripod mount.

Inserting Memory Cards

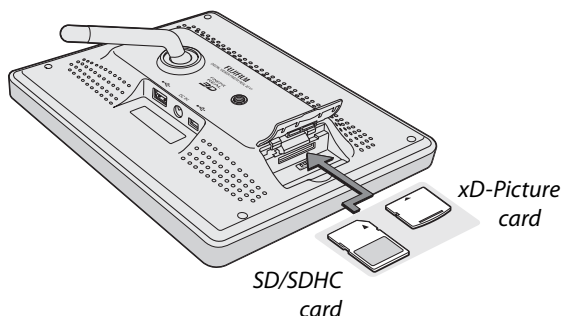
The viewer can be used with the memory cards listed on page 29 (for information on supported file formats, see page 30). **Before inserting memory cards into the viewer, be sure to copy any important files to a computer.** To insert a memory card:

- 1 Open the card slot cover.

Note

The viewer turns off automatically when the cover is opened.

- 2 Holding the memory card as shown by the indicator next to the memory card slot, slide the card in until it clicks into place.



Caution

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

Note

The viewer may be unable to display files that have been modified with a computer.

Removing Memory Cards

Open the card slot cover, gently press the card in, and release it slowly.

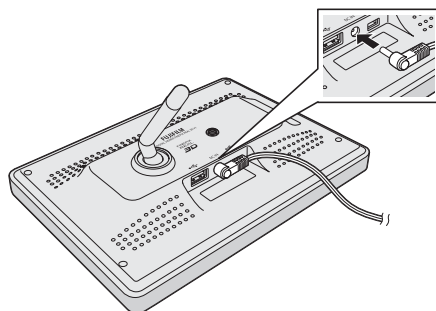
Caution

The memory card may spring out if you remove your finger immediately after pushing the card in.

Turning the Viewer On

Connect the supplied AC power adapter and turn the viewer on.

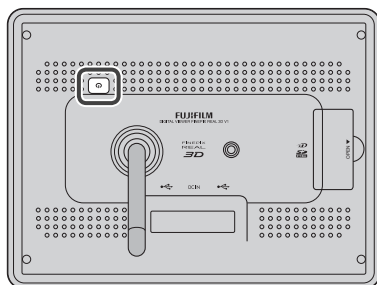
- 1 Connect the AC power adapter to the viewer as shown and then plug the adapter into a power outlet.



Caution

Use only the supplied AC power adapter. Do not use the viewer with other power adapters.

- 2 Press the power button to turn the viewer on. A welcome screen will be displayed and then a slide show will begin automatically, accompanied by background music.



Notes

- If no pictures are available when the viewer is turned on, either because the memory card inserted in the viewer contains no pictures or there are no pictures in internal memory when no memory card is inserted, the main menu (pg. 10) will be displayed.
- To turn the viewer off, press the power button again.

Demo Images and Background Music

The viewer ships with a slide show in internal memory consisting of demo images illustrating some of the product's key features and accompanied by a background track. If no memory card is inserted when the viewer is turned on, the demo slide show will begin automatically (if a memory card is inserted, the viewer will instead display the images on the memory card). The sound track can be turned off by selecting **OFF** for **MUSIC** in the **SLIDE SHOW** menu (pg. 13); the images in the demo slide show can be deleted as described on page 20.

Basic Setup

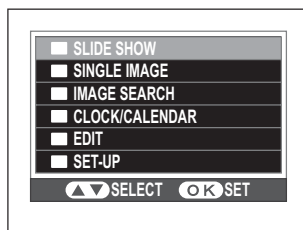
Before using the viewer for the first time, choose a language and set the clock. Setting the clock to the correct time and date makes it possible to use the clock calendar display (pg. 19).

- 1 Press **MENU/OK** to display the main menu.

The Main Menu

The main menu contains the following options:

Option	Description
SLIDE SHOW	View slide shows (pg. 12).
SINGLE IMAGE	Display a selected picture (pg. 14).
IMAGE SEARCH	Find pictures (pg. 18).
CLOCK/CALENDAR	Choose a clock calendar display (pg. 19).
EDIT	Delete pictures (pg. 20).
SET-UP	Adjust viewer settings (pg. 21).



- 2 Press **▲** or **▼** to highlight **SET-UP** and press **MENU/OK**.

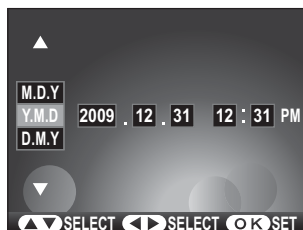
- 3 Press **▲** or **▼** to highlight **言語/LANG.** and press **MENU/OK** to display the options shown at right.

- 4 Press **▲** or **▼** to highlight the desired language and press **MENU/OK** to return to the setup menu.



- 5 Press **▲** or **▼** to highlight **DATE/TIME** and press **MENU/OK** to display the options shown at right.

- 6 Press **◀** or **▶** to highlight the year, month, day, hour, minute, or date format and press **▲** or **▼** to change. Press **MENU/OK** to return to the setup menu when settings are complete.



- 7 Press **DISP/BACK** once to exit the setup menu and again to exit the main menu.

 Tip: Viewing the Time and Date

The current date and time are displayed in the viewer when an option other than **OFF** is selected for **CLOCK** in the **CLOCK/CALENDAR** menu (pg. 19).

 Note

The clock will be reset if the viewer is without power for an extended period.

Slide Shows

A slide show will begin automatically when the viewer is turned on (pg. 9). If no memory card is inserted, the pictures in internal memory will be displayed (a demo slide show will be displayed if internal memory contains no other pictures); if a memory card is inserted, the pictures on the memory card will be displayed. A slide show can also be displayed by pressing the  button on the viewer or remote control or by selecting **PLAYBACK** for **SLIDE SHOW** in the main menu.

Note

The length of time each slide is displayed can be selected using the **SLIDESHOW TIME/FRAME** option in the setup menu (pg. 22).

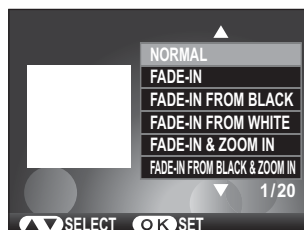
Choosing a Slide Show Type

The type of show can be changed by pressing  while a slide show is in progress.

- 1 Press the  button while a slide show is in progress. A mode selection menu will be displayed.
- 2 Press **▲** or **▼** to highlight **TYPE** and press **MENU/OK**. The options shown at right will be displayed.
- 3 Press **▲** or **▼** to highlight the desired type and press **MENU/OK** to restart the slide show.

Note

The slide show type can also be selected using the **SLIDE SHOW** option in the main menu.



Choosing a Background Track

The viewer ships with a selection of pre-recorded music tracks in internal memory and can also play MP3 files stored on memory cards. To play custom tracks while viewing a slide show of the pictures on a memory card, copy MP3 files to the card before inserting the card in the viewer. The pre-recorded tracks in internal memory will be used only if no memory card is inserted. The music played during a slide show can be selected using the **SLIDE SHOW > MUSIC** option in the main menu.

Option	Description
OFF	Background music off.
ALL	Play all tracks in order.
SHUFFLE	Play all tracks in random order.
SINGLE SONG	Play a selected track.

Note

Other than the background tracks that are installed at shipment, music files can not be stored in internal memory. Music tracks can not be copied from a memory card to internal memory.

Displaying Selected Images

To use the viewer as a picture frame displaying one or more selected images in place of a slide show, select **SINGLE IMAGE** in the main menu. You can enlarge images and choose the area displayed (pg. 15) or display several pictures at once (pg. 16).

- 1 Press **MENU/OK** to display the main menu.
- 2 Press **▲** or **▼** to highlight **SINGLE IMAGE** and press **MENU/OK**.
- 3 A picture will be displayed in the viewer. Press **◀** or **▶** to scroll through the images on the memory card (or, if no memory card is inserted, the images in internal memory) until the desired picture is displayed.



Tip: Playback Options

To enlarge the current image (pg. 15), press **▲**. Press **DISP/BACK** to view smaller thumbnails of multiple images (pg. 16). To return to the main menu (pg. 10), press **MENU/OK**. If a **3D** image is displayed, you can adjust parallax by pressing the **Ⓢ** (+/-) buttons (pg. 16).

Playback Zoom

Press **▲** to zoom in on the picture currently displayed in the viewer; press **▼** to zoom out.



To view areas of the image not currently visible in the display, press **DISP/BACK** and use the **▲**, **▼**, **◀**, and **▶** buttons to scroll the image. The navigation window shows the portion of the image currently visible in the viewer. Press **DISP/BACK** as necessary to switch back and forth between scroll and zoom.



Press **MENU/OK** to exit zoom.

Multi-Frame Playback

Press **DISP/BACK** to choose the number of images displayed. The number of images changes each time the **DISP/BACK** button is pressed.

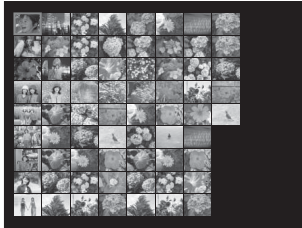
Single frame



*Current,
previous, and
next frames*



Nine frames



*One hundred
frames*



Use the ▲, ▼, ◀, and ▶ buttons to highlight images and press **MENU/OK** to view the highlighted image full frame.

Viewing 3D Images

Press the  button to switch between **3D** and **2D**. In **3D** mode, **3D** is displayed in the monitor and **3D** images are displayed in **3D** (**2D** pictures will still be displayed in **2D**). The **3D** effect is only visible when the viewer in wide orientation (horizontal).



To adjust parallax for **3D** images, press the  (+/-) buttons on the remote control. Note that adjusting parallax reduces horizontal frame coverage; the new crop is shown by black borders in the display.



Cautions

- Switch to **2D** if **3D** images still appear double after you have adjusted parallax.
- The **3D** effect is only visible from certain angles (pg. 1). Too much parallax may make it impossible to perceive the **3D** effect.

Note

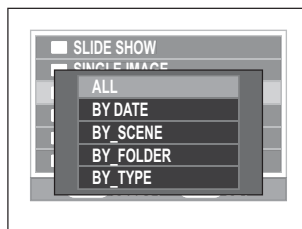
3D display is available with pictures taken with FUJIFILM 3D cameras only. 3D images created with other devices will be displayed in **2D**.

IMAGE SEARCH

Search for pictures by date, subject, scene, folder, or file type. This option can be used to help find a specific picture for picture frame display or to create slide shows consisting only of pictures that match your search conditions.

- 1 Press **MENU/OK** to display the main menu.
- 2 Press **▲** or **▼** to highlight **IMAGE SEARCH** and press **MENU/OK**.
- 3 Press **▲** or **▼** to highlight one of the following options and press **MENU/OK** to select:

Option	Description
ALL	View all pictures.
BY DATE	View all pictures taken on a selected date.
BY_SCENE	View all photos taken at a specified scene (SP) setting (see the camera manual for details).
BY_FOLDER	View all pictures in a selected folder.
BY_TYPE	View all pictures of a specified file type.

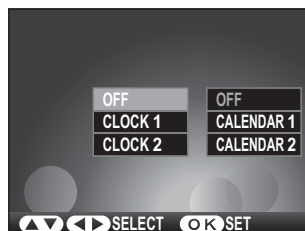


- 4 Press **▲** or **▼** to select the desired search conditions.
- 5 To select a specific image for picture frame display, press **◀** or **▶** to highlight the desired picture and press **MENU/OK** (to change the search conditions, press **▲** or **▼**). To display all the images that match the search conditions in a slide show, press the  button.

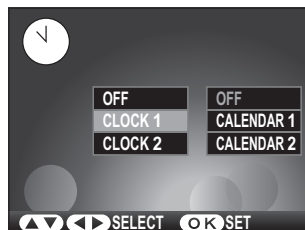
CLOCK/CALENDAR

Choose the type of clock or calendar displayed in the viewer during slide shows or in single-frame playback. Note that the clock calendar can not be rotated for display when the viewer is in tall (vertical) orientation.

- 1 Press **MENU/OK** to display the main menu.
- 2 Press **▲** or **▼** to highlight **CLOCK/CALENDAR** and press **MENU/OK**.
- 3 Press **◀** or **▶** to highlight the clock or calendar and press **▲** or **▼** to choose a display format for the selected item.



- 4 Press **MENU/OK** to preview your selection in the display.



- 5 Press **MENU/OK** to return to the main menu.

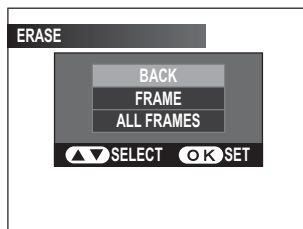
⚡ Note

For information on setting the clock to the correct time and date, see page 10. To choose the position in which the time and date are displayed, use the **SET CLOCK/CALENDAR POSITION** item in the setup menu (pg. 22).

ERASE

To delete pictures from internal memory or a memory card, select **EDIT** in the main menu. *Note that deleted pictures can not be recovered. Copy important pictures to a computer or other storage device before proceeding.*

- 1 Press **MENU/OK** to display the main menu.
- 2 Press **▲** or **▼** to highlight **EDIT** and press **MENU/OK**.
- 3 Press **▲** or **▼** to highlight one of the following options and press **MENU/OK** to select:
 - **FRAME**: Delete the current picture.
 - **ALL FRAMES**: Delete all pictures.



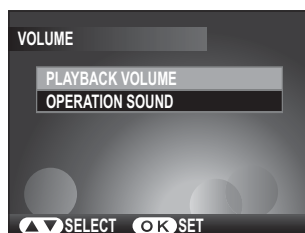
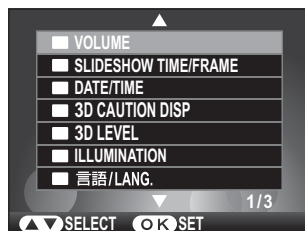
Tip: Deleting Pictures

When a memory card is inserted, pictures will be deleted from the memory card; otherwise, pictures will be deleted from internal memory.

SET-UP

Adjust a variety of viewer settings.

- 1 Press **MENU/OK** to display the main menu.
- 2 Press **▲** or **▼** to highlight **SET-UP** and press **MENU/OK**.
- 3 Press **▲** or **▼** to highlight an item and press **MENU/OK** to select.
- 4 Press **▲** or **▼** to highlight an option or adjust settings and press **MENU/OK** to return to the setup menu.



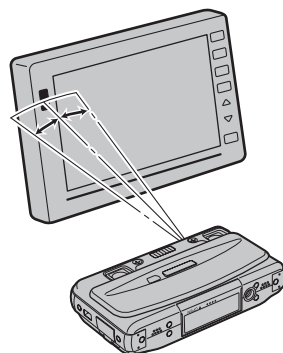
Setup Menu Options

Menu item	Description	Default
VOLUME	Adjust volume.	7 /  1
SLIDESHOW TIME/FRAME	Choose how long each slide is displayed during a slide show.	3 SEC
DATE/TIME	Set the clock (pg. 10).	—
3D CAUTION DISP	Disable 3D to prevent fatigue or display a warning after prolonged use. Choose 30 MIN to display a warning after 30 minutes of continuous 3D display (measured from when this option is selected or the start of 3D display), NOT 3D to disable 3D , or OFF to enable 3D with no warning after prolonged use.	30 MIN
3D LEVEL	Choose the amount of 3D effect in the setup menu.	LEVEL2
ILLUMINATION	Choose whether the viewer controls are illuminated.	OPERATING ONLY
言語/LANG.	Choose a language (pg. 10).	ENGLISH
LCD BRIGHTNESS	Adjust display brightness.	0
CONTRAST	Adjust contrast.	0
SATURATION	Adjust the saturation (vividness) of colors.	2
COLOR	Adjust hue.	0
GAMMA	Adjust display gamma.	0
DISP. SETTING	Choose the aspect ratio at which photos with a 16:9 aspect ratio are displayed when FULL SCREEN is selected for  DISP. SETTING (if IMAGE SIZE is selected for  DISP. SETTING , photos with a 16:9 aspect ratio will be displayed in letter-box format). Choose FULL IMAGE to fit the image to the screen, FILL SCREEN to magnify the image so that the center fills the screen and the right and left sides are cropped out.	FULL IMAGE
IR COMMUNICATION	Choose the action performed when an image is received via infrared.	DISP
FIRM. VERSION	Display the current firmware version.	—
SET CLOCK/CALENDAR POSITION	Choose the position of the clock and calendar in the display (pg. 10).	CLK: UPPER LEFT CAL: UPPER RIGHT
ORIENTATION	Rotate "tall" images.	STD
AUTO ROTATE PB	Use the image orientation information in image files to automatically display pictures in the correct orientation.	ON
 DISP. SETTING	Automatically enlarge images to fill the viewer.	IMAGE SIZE
SORTING TYPE	Choose the order in which images are listed.	DATE CREATED, ASCENDING
RESET	Reset all settings except DATE/TIME to default values.	—

Copying Pictures via Infrared

Pictures can be copied to internal memory from compatible devices when the viewer is in single-image display mode. The viewer will automatically receive pictures transferred from the device; no other operation is required.

- 1 Place the viewer about 5 to 20 cm (2 to 8 in.) from the other device with the infrared ports pointing directly at each other. The ports should be at no more than a 15° angle.
- 2 Transmit pictures from the other device (see the manual supplied with the device for details). The viewer will display a message stating that it is receiving data via infrared and pictures will be displayed in the viewer as they are received.



Caution

If no pictures are received, make sure that there are no obstacles between the two devices and that the infrared ports are correctly aligned and are not in direct sunlight or directly under a fluorescent light. Remote controls and other infrared devices and equipment that generates electrical noise may interfere with transmission.

Saving Transferred Pictures

If **DISP. & SAVE** is selected for **IR COMMUNICATION** in the setup menu (pg. 22), transferred pictures will automatically be saved in internal memory after being displayed in the viewer.



Connecting to a Computer

The supplied FinePixViewer software can be used to copy pictures between the viewer and a computer. It can also be used to view, organize, and print pictures stored on the computer, to create two JPEG images from a multi-picture file, or to create a multi-picture file from two JPEG images. Before proceeding, install FinePixViewer as described below. *Do not connect the viewer to the computer before installation is complete.*

Installing FinePixViewer

- 1 Confirm that the computer meets the following system requirements:

OS	Preinstalled versions of Windows Vista, Windows XP Home Edition (Service Pack 2), or Windows XP Professional (Service Pack 2)
Other	Built-in USB port recommended. Operation is not guaranteed with other USB ports.

Caution

For information about Windows 7, visit <http://www.fujifilm.com/support/download/camera/software/>. Other versions of Windows are not supported. Operation is not guaranteed on home-built computers or computers that have been upgraded from earlier versions of Windows.

- 2 Start the computer. Log in to an account with administrator privileges before proceeding.
- 3 Exit any applications that may be running and insert the installer CD in a CD-ROM drive.

Windows Vista

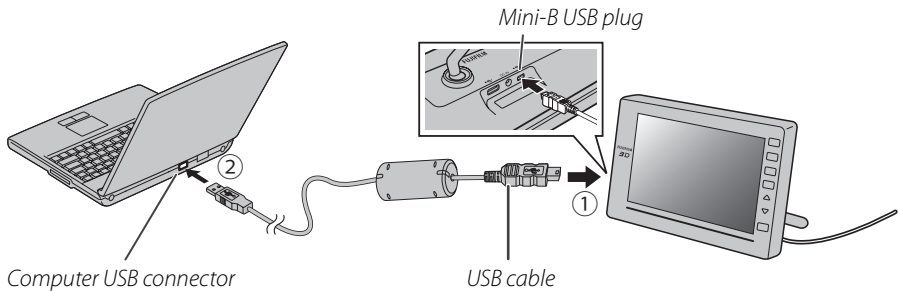
If an AutoPlay dialog is displayed, click **SETUP.exe**. A "User Account Control" dialog will then be displayed; click **Allow**.

The installer will start automatically; click **Installing FinePixViewer** and follow the on-screen instructions to install FinePixViewer. Note that the Windows CD may be required during installation.

- 4 When prompted, remove the installer CD from the CD-ROM drive and click **Restart** to restart the computer. Store the CD in a dry location out of direct sunlight in case you need to re-install the software. The version number is printed at the top of the CD label for reference when updating the software or contacting customer support.

Copying Pictures to the Viewer

- 1 Turn the viewer off and connect the supplied USB cable as shown, making sure the connectors are fully inserted (the orientation and location of the computer connector may differ from that shown; consult the computer manual for details). Connect the viewer directly to the computer; do not use a USB hub or keyboard.



Caution

Do **NOT** connect the cable while the viewer is on.

- 2 Turn the viewer on and follow the on-screen instructions to copy pictures.

Notes

- The computer may require some time to register the viewer with the system the first time it is connected.
- Viewer controls can not be used while the viewer is connected to a computer.

- 3 When transfer is complete, follow the on-screen instructions to turn the viewer off and disconnect the USB cable.

Caution

Do not disconnect the cable during transfer. Failure to observe this precaution could result in loss of data.

Uninstalling FinePixViewer

Only uninstall FinePixViewer before reinstalling the software or when it is no longer required. After quitting FinePixViewer and disconnecting the viewer, open the control panel and use "Programs and Features" (Windows Vista) or "Add or Remove Programs" (other versions of Windows) to uninstall FinePixViewer, FinePix Resource, and FinePix Studio. One or more confirmation dialogs may be displayed; read the contents carefully before clicking **OK**.

■ **Power**

Problem	Possible cause	Solution	Page
The viewer does not turn on.	The AC power adapter is not correctly connected.	Check the connection.	9
The viewer turns off unexpectedly.	The memory card slot cover is open.	Close the memory card slot cover.	8

■ **Viewing Pictures**

Problem	Possible cause	Solution	Page
No pictures are displayed.	The memory card is not correctly inserted.	Insert the memory card in the correct orientation.	8
	The memory card or internal memory contain no pictures.	Insert a memory card containing pictures or copy pictures to the viewer via USB or infrared.	8, 23–25
	Unsupported image file format.	Use a supported format.	30
	The pictures have been modified on a computer.	Pictures that have been modified on a computer may not display correctly.	8
Cannot find picture.	The picture has been modified on a computer.	The viewer may fail to read files that have been modified on a computer.	8

■ **Copying Pictures**

Problem	Possible cause	Solution	Page
Cannot copy data to or from memory card.	Pictures can not be copied directly between internal memory and a memory card inserted in the viewer.	—	—

■ **Connections**

Problem	Possible cause	Solution	Page
Computer can not detect internal memory.	The USB cable is not correctly connected.	Check the connection.	25
	The computer does not meet the system requirements for FinePixViewer.	Use a computer that meets the system requirements.	24

■ **Miscellaneous**

Problem	Possible cause	Solution	Page
Remote control has no effect.	The battery is exhausted.	Insert a fresh battery.	6
Clock has been reset.	Power has been interrupted for an extended period.	Connect the AC power adapter and reset the clock.	9, 10

Glossary

Exif: A digital camera image file format that stores information on the time of recording, resolution, camera orientation, and the type of device used to record the image. The data recorded also include the thumbnails displayed in the viewer during multi-frame playback.

JPEG (Joint Photographic Experts Group): A compressed file format for color images. The higher the compression rate, the greater the loss of information and the more noticeable the drop in quality when the picture is displayed.

Multi-picture format: An image file format approved by the Camera and Imaging Products Association (CIPA) that allows multiple images to be stored in a single file. Multi-picture files have the extension “*.MPO”.

Parallax: Changes in the apparent position and orientation of a subject when viewed from different angles.

Slide show: A series of images (slides) displayed one after the other, sometimes with transition effects between slides.

Memory Cards

The following memory cards had been tested and approved for use with this viewer:

Type		Capacity
<i>xD-Picture Card</i>		Up to 2 GB
Secure Digital (SD)	SD card	
	SDHC card	Up to 32 GB

 Cautions

- Operation is not guaranteed with all makes of the above memory cards.
- Do not use force when removing memory cards. Failure to observe this precaution could damage viewer or the memory card.
- Do not touch the memory card terminals with your fingers or metal objects.
- Do not remove a card from an adapter without first removing the card from the viewer. The viewer may not function as expected with only an adapter inserted.
- Do not remove memory cards while images are displayed. Failure to observe this precaution could result in loss of data or in damage to the viewer or memory card.

Specifications

Display	Type	3D/2D color LCD display; parallax barrier used for 3D display
	Screen size	8.0 in.
	Resolution	800 × 600 (3D display is 400 × 600 × 2 channels)
	Aspect ratio	4:3
	Luminosity	Approx. 250 cd/m ² (display alone)
Internal memory		512 MB
Interface	USB	Mini-B USB device connector
	Memory card slot	<i>xD-Picture Card</i> /SD/SDHC
	Infrared ports	• Infrared data port for data transfer • Infrared receiver for remote control
Supported file types		• Still images: JPEG, multi-picture format • Movies: AVI, 3D-AVI
Power supply		AC 100V–240V, 50/60 Hz using supplied AC power adapter
Power consumption (in use)		• 3D: Approx. 15 W • 2D: Approx. 9 W
Dimensions (W × H × D)		Approx. 216.0 × 162.0 × 30.9 mm/8.5 × 6.4 × 1.2 in. (excluding stand and projections)
Weight		Approx. 630 g/22.2 oz. (including stand)

Notices

- Specifications subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this manual.
- Although the display is manufactured using advanced high-precision technology, a small number of pixels (less than 0.01%) may always be lit or may not light. This is normal for this type of display and does not indicate a malfunction; image data are unaffected.

FUJIFILM Worldwide Network

Contact your local distributor (see list below) for repairs and technical support. 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 Canada Inc.	Technical support	TEL 1-866-818-FUJI (3854) http://www.fujihelp.ca
		Repair service	TEL 1-800-263-5018 http://www.fujihelp.ca
U.S.A.	FUJIFILM U.S.A., Inc.	Technical support	TEL 800-800-3854 digitalinfo@fujifilm.com
		Repair service	TEL 800-659-3854
CENTRAL AND SOUTH AMERICA			
Argentina	Imagen e informacion S.A.	Technical support & repairs	TEL +54-11-4836-1000 servtec@imagineinformacion.com.ar
Bolivia	Reifschneider Bolivia Ltda.	Technical support & repairs	TEL +591 33 44 1129 gciagral@bibosi.scz.entelnet.bo
Brazil	FUJIFILM do Brasil Ltda.	Technical support & repairs	TEL 0800-12-8600 camarasdigitais@fujifilm.com.br
Chile	Reifschneider SA	Technical support & repairs	TEL 56-2-6781200 serviciotecnico@reifschneider.cl
Colombia	Animex de Colombia Ltda.	Technical support & repairs	TEL +57 1 338-0299 animex@etb.net.co
Ecuador	Espacri Cia Ltda	Technical support & repairs	TEL 593-72-835526
	Importaciones Espacri Cia. Ltda.	Technical support & repairs	TEL +593 783 5526 portiz@fujifilm.com.ec
Mexico	Fujifilm de Mexico, S.A. de C.V.	Technical support	TEL (52-55) 5263-55000 eizquierdo@fujifilm.com.mx
		Repair service	TEL (52-55) 5366-5150/56/57 cpalma@fujifilm.com.mx
Paraguay	Errece S.R.L.	Technical support & repairs	TEL +595 21 444256 jmarbulo@fujifilm.com.py
Peru	Procesos de Color S.A.	Technical support & repairs	TEL +51 14 33 5563 jalvarado@fujifilm.com.pe
Uruguay	Fotocamara S.R.L.	Technical support & repairs	TEL +598-2-9002004 fotocam@adinet.com.uy
	Kiel S.A.	Technical support & repairs	TEL (05982) 419 4542 kiel@fujifilm.com.uy
Venezuela	C. Hellmund & Cia Sa	Technical support & repairs	TEL 0212-2022300 hellmund@hellmund.com

EUROPE			
Austria	Fuji Film Oesterreich	Technical support & repairs	TEL 0043 1 6162606/51 or 52 kamera.service@fujifilm.at
Belgium	Belgian Fuji Agency	Technical support & repairs	TEL 3210242090 info@fuji.be
Croatia	I&I d.o.o.	Technical support Repair service	TEL 38512319060 dsaravanja@fujifilm.hr TEL 38512316228 info@fujifilm.hr
Cyprus	PMS IMAGING LTD	Technical support & repairs	TEL 35722746746 mariosashiotis@fujifilm.com.cy
	Doros Neophytou CAMERA REPAIRS	Technical support & repairs	TEL 35722314719 dorosn@logosnet.cy.net
Czech Republic	Fujifilm Cz., s.r.o.	Technical support	TEL 00420 234 703 411 petr.barta@fujifilm.cz
	AWH servis	Repair service	TEL 00420 222 721 525 awh@awh.cz
Denmark	Fujifilm Danmark A/S	Technical support & repairs	TEL 0045 45662244 fujifilm@fujifilm.dk
Finland	Fuji Finland Oy	Technical support & repairs	TEL +358 9 825951 www.fuji.fi fuji@fuji.fi
France	FUJIFILM France	Technical support & repairs	direction.technique@pm2s.fr
Germany	FUJIFILM Electronic Imaging Europe GmbH	Technical support & repairs	Tel 0180 / 589 89 80* service@fujifilm-digital.com *0,14 EUR pro Minute aus dem deutschen Festnetz, abweichende Preise aus Mobilfunknetzen möglich, Stand bei Drucklegung.
Greece	FUJIFILM HELLAS S.A.	Technical support & repairs	TEL 0030 210 9404100 fujifilm@fujifilm.gr
Hungary	Fujifilm Hungary Ltd.	Technical support	TEL 3612389410 fujifilm@fujifilm.hu
		Repair service	TEL 361363777
Iceland	Icephoto (Ljosmyndavorur)	Technical support & repairs	TEL 354 568 0450 framkollun@fujifilm.is
Italy	FujiFilm Italia S.r.l.	Call center	TEL 039-0267978181 info@fujifilm.it
		Repair service	TEL 039-6058294 FAX 039-6058295
Lithuania	Fujifilm Lithuania	Technical support & repairs	TEL 370-5-2130121 info@fujifilm.lt
Malta	Ciancio (1913) Co.Ltd.	Technical support & repairs	TEL 0356-21-480500 info@fujifilm.com.mt
Norway	Fujifilm Norge AS	Technical support	TEL 0047-02273 http://www.fujifilm.no/ mailto:post@fujifilm.no
		Repair service	TEL 0047-55393880 http://www.camera.no/mailto:service@camera.no
Poland	Fujifilm Polska Distribution Sp. z o.o.	Technical support	TEL +48-22-517-66-00 fujifilm@fujifilm.pl
		Repair service	TEL +48-22-886-94-40 serwis@fujifilm.pl
Portugal	Fujifilm Portugal, Lda	Technical support	TEL (351) 226 194 237 finepix@fujifilm.pt
		Repair service	TEL (351) 226 194 200 cameras@fujifilm.pt
Romania	CTS-Cardinal Top Systems Ltd	Technical support & repairs	TEL 4021-230-09-82 cts_tirla@hotmail.com
Russia	Fujifilm Electronic Imaging Europe GmbH	Technical support & repairs	TEL 8 800 200 3854 (Для бесплатных звонков из России) *Для звонков из других стран набирайте +7 800 200 3854 http://www.fujifilm-digital.ru/ info@fujifilm-digital.ru
Slovakia	Fujifilm Slovakia s.r.o.	Technical support	TEL 00421 2 33 595 107 fujifilm@fujifilm.sk
		Repair service	TEL 00421 2 33 595 119 servis@fujifilm.sk
Spain	Fujifilm España S.A.	Technical support & repairs	TEL 902012535 http://www.fujifilm.es/soporte/ tallersat@fujifilm.es
Sweden	Fujifilm Sverige AB	Technical support	TEL 46 8 506 141 45 kamera@fujifilm.se
		Repair service	TEL 46 8 506 141 00 kameraverkstaden@fujifilm.se
Switzerland / Liechtenstein	Fujifilm (Switzerland) AG	Technical support & repairs	TEL +41 44 855 5154 RepairCenter@fujifilm.ch
The Netherlands	FUJIFILM Electronic Imaging Nederland	Technical support	TEL +31(0)102812500 helpdesk@fujifilm-digital.nl
		Repair service	TEL +31(0)102812520 camerareparaties@fujifilm-digital.nl

EUROPE			
Turkey	Fujifilm Türkiye Sinfo A.S.	Technical support Repair service	TEL +90 212 696 5090 <i>csarp@fujifilm.com.tr</i> TEL +90 212 696 5090 <i>servis@fujifilm.com.tr</i>
U.K.	FUJIFILM UK Ltd.	Technical support Repair service	TEL +44 (0)8700 841310 <i>fujitec@fuji.co.uk</i> TEL +44 (0)8700 841314 <i>fujitec@fuji.co.uk</i>
Ukraine	Image Ukraine CJSC	Technical support & repairs	TEL +380-44-4909075 <i>d@fujifilm.ua</i>
MIDDLE EAST			
Iran	Tehran Fuka Co.	Technical support & repairs	TEL (+98-21)2254810-19 <i>fuka@neda.net</i>
Israel	Shimone Group Ltd.	Technical support Repair service	TEL (+) 972 3 9250666 <i>digital@fujifilm.co.il</i> TEL (+) 972 3 9250666 <i>khaim@shimone.com</i>
Jordan	Grand Stores Al- Abdali, Amman / Jordan	Technical support & repairs	TEL 009626-4646387 <i>gstores@go.com.jo</i>
Lebanon	Fototek S.A.R.L.	Technical support & repairs	TEL +961 1 252474 <i>fototek@antakiholding.com</i>
Qatar	Techno Blue	Technical support	TEL 00974 44 66 175 <i>prabu@techno-blue.com</i>
Saudi Arabia	Emam Distribution Co. Ltd.	Technical support	TEL 96626978756 <i>service@fujifilm.com.sa</i>
Syria	Film Trading Company	Technical support Repair service	TEL + 963 11 2218049 <i>f.t.c@Net.SY</i> TEL + 963 21 4641903 <i>filmtradin@Net.SY</i>
U.A.E.	Grand Stores	Technical support & repairs	TEL + 971-4-2823700 <i>photography@grandstores.ae</i>
Yemen	Al-Haidary Trading	Technical support Repair service	TEL 00967-1-503980 TEL 00967-1-503977
AFRICA			
Egypt	Foto Express Egypt	Technical support & repairs	TEL (202) 7762062 <i>fotoegypt@access.com.eg</i>
Kenya	Fuji Kenya Ltd	Repair service	TEL (254-20)4446265-8 <i>info@fujifilm.co.ke</i>
South Africa	Cameratek CC.	Technical support & repairs	TEL +27 11 251 2400 <i>www.cameratek.co.za</i>
OCEANIA			
Australia	FUJIFILM Australia Pty Ltd	Technical support & repairs	TEL 1800 226 355 <i>digital@fujifilm.com.au</i>
Fiji	Brijlal & Co. Ltd	Technical support & repairs	TEL (679)3304133 <i>kapadia@connect.com.fj</i>
New Caledonia	Phocidis SARL	Technical support & repairs	TEL (00 687) 25-46-35 <i>phocidis@phocidis.nc</i>
New Zealand	Fujifilm NZ Ltd	Technical support & repairs	TEL +64-9-4140400 <i>glenn.beaumont@fujifilm.co.nz</i>
Papua New Guinea	Oceania PNG Limited	Technical support	TEL +675 3256411 <i>oceania@daltron.com.pg</i>

ASIA			
Hong Kong	Fuji Photo Products Co., Ltd.	Technical support & repairs	TEL (852)2406 3287 <i>rsd@chinahkphoto.com.hk</i>
Indonesia	PT. Modern Internasional, Tbk.	Technical support & repairs	TEL +62 021 45867187 <i>assd_kmrsrv@modernphoto.co.id</i>
Malaysia	FUJIFILM (Malaysia) Sdn. Bhd.	Technical support Repair service	TEL 603-55698388 <i>technical@fujifilm.com.my</i> TEL 603-55698388 <i>camera@fujifilm.com.my</i>
Philippines	YKL Development & Trdg. Corp.	Technical support Repair service	TEL 632-7436601~06 <i>info@yklcolor.com digital@yklcolor.com</i> TEL 632-7436601~06 <i>techop_services@yklcolor.com</i>
Singapore	FUJIFILM (Singapore) Pte Ltd	Technical support & repairs	TEL 65-6380 5557 <i>service@fujifilm.com.sg</i>
South Korea	Korea Fujifilm Co., Ltd.	Technical support	TEL +82-2-3282-7363 <i>photo@fujifilm.co.kr</i>
	Yonsan AS Center (Fujidigital)	Repair service	TEL +82-2-701-1472 <i>1bowl@hanmail.net</i>
	Kangnam AS Center (Digitalgallery)	Repair service	TEL +82-2-2203-1472 <i>nurijili@hanmail.net</i>
	Busan AS Center (Digital-Sewon)	Repair service	TEL +82-51-806-1472 <i>merahan@yahoo.co.kr</i>
Taiwan	Hung Chong Corp.	Technical support & repairs	TEL 886-2-6602-8988 <i>dah@mail.hungchong.com.tw</i>
Thailand	FUJIFILM (Thailand) Ltd.	Technical support Repair service	TEL +662-2706000 ext. 751,752 <i>Dusit_Suriyong@fujifilm.co.th yaowarat@fujifilm.co.th</i> TEL +662-2706000 ext.761,762 <i>warin@fujifilm.co.th</i>
Vietnam	International Minh Viet Co., Ltd.	Technical support & repairs	TEL +84-8-4135740 ext. 322 <i>diep.phanthithanh@imv.com.vn</i>

Memo

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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http://www.fujifilm.com/products/digital_cameras/index.html