



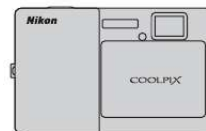
# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX S70. You'll find the answers to all your questions on the NIKON COOLPIX S70 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual NIKON COOLPIX S70  
User guide NIKON COOLPIX S70  
Operating instructions NIKON COOLPIX S70  
Instructions for use NIKON COOLPIX S70  
Instruction manual NIKON COOLPIX S70

**Nikon**

DIGITAL CAMERA  
**COOLPIX S70**  
User's Manual



En



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**Manual abstract:**

*- PictBridge is a trademark. @@Keep these safety instructions where all those who use the product will read them. This icon marks warnings, information that should be read before using this Nikon product, to prevent possible injury. WARNINGS Turn off in the event of malfunction Should you notice smoke or an unusual smell coming from the camera or AC adapter, unplug the AC adapter and remove the battery immediately, taking care to avoid burns. Continued operation could result in injury. After removing or disconnecting the power source, take the equipment to a Nikon-authorized service representative for inspection. Do not disassemble Touching the internal parts of the camera or AC adapter could result in injury. Repairs should be performed only by qualified technicians. Should the camera or AC adapter break open as the result of a fall or other accident, take the product to a Nikon-authorized service representative for inspection, after unplugging the product and/or removing the battery. Do not use the camera or AC adapter in the presence of flammable gas Do not use electronic equipment in the presence of flammable gas, as this could result in explosion or fire.*

*Handle the camera strap with care Never place the strap around the neck of an infant or child. Keep out of reach of children Particular care should be taken to prevent infants from putting the battery or other small parts into their mouths. ii For Your Safety Observe caution when handling the battery The battery may leak or explode if improperly handled. Observe the following precautions when handling the battery for use in this product: · Before replacing the battery, turn the product off. If you are using the AC adapter (available separately), be sure to unplug the AC adapter from an electrical outlet. · Use only a Rechargeable Li-ion Battery EN-EL12 (supplied). Charge the battery inserted into the camera by connecting the Charging AC Adapter EH-68P/EH-68P (AR) (supplied). · When inserting the battery, do not attempt to insert it upside down or backwards. · Do not short or disassemble the battery or attempt to remove or break the battery insulation or casing. · Do not expose the battery to flame or to excessive heat. · Do not immerse in or expose to water. · Replace the terminal cover when transporting the battery. Do not transport or store with metal objects such as necklaces or hairpins. · The battery is prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the battery when no charge remains. · Discontinue use immediately should you notice any change in the battery, such as discoloration or deformation. · If liquid from the damaged battery comes in contact with clothing or skin, rinse immediately with plenty of water. Observe the following precautions when handling the Charging AC Adapter Keep dry. Failure to observe this precaution could result in fire or electric shock. Dust on or near the metal parts of the plug should be removed with a dry cloth.*

*Continued use could result in fire. Do not handle the cable or go near the Charging AC Adapter during lightning storms. Failure to observe this precaution could result in electric shock. Do not damage, modify, forcibly tug or bend the cable, place it under heavy objects, or expose it to heat or flames. Should the insulation be damaged and the wires become exposed, take it to a Nikon-authorized service representative for inspection. Failure to observe these precautions could result in fire or electric shock. . . . iii For Your Safety · Do not handle the plug or Charging AC Adapter with wet hands. Failure to observe this precaution could result in electric shock. · Do not use with travel converters or adapters designed to convert from one voltage to another or with DCto-AC inverters. Failure to observe this precaution could damage the product or cause overheating or fire.*

*Use appropriate cables When connecting cables to the input and output jacks, use only the cables provided or sold by Nikon for the purpose, to maintain compliance with product regulations. Handle moving parts with care Be careful that your fingers or other objects are not pinched by the slide cover or other moving parts. CD-ROMs The CD-ROMs supplied with this device should not be played back on audio CD equipment. Playing CDROMs on an audio CD player could cause hearing loss or damage the equipment. Observe caution when using the flash Using the flash close to your subject's eyes could cause temporary visual impairment.*

*Particular care should be observed if photographing infants, when the flash should be no less than one meter (3 ft. 4 in.) from the subject. Do not operate the flash with the flash window touching a person or object Failure to observe this precaution could result in burns or fire. Do not apply pressure to the monitor Should the monitor break, care should be taken to avoid injury caused by broken glass.*

*Turn the power off when using inside an airplane or the hospital Turn the power off while inside the airplane during take off or landing. Follow the instructions of the hospital when using while in a hospital. The electromagnetic waves given out by this camera may disrupt the electronic systems of the airplane or the instruments of the hospital. iv Notices Notice for Customers in the U.S.A. Federal Communications Commission (FCC) Radio Frequency 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/television technician for help. CAUTIONS Modifications The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment. Interface Cables Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules.*



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Notice for customers in the State of California **WARNING** Handling the cord on this product will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling. Nikon Inc.

1300 Walt Whitman Road Melville, New York 11747-3064 USA Tel: 631-547-4200 v Notices Notice for customers in Canada **CAUTION** This Class B digital apparatus complies with Canadian ICES-003. **ATTENTION** Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Notice for customers in Europe This symbol indicates that this product is to be collected separately. The following apply only to users in European countries: · This product is designated for separate collection at an appropriate collection point. Do not dispose of as household waste.

· For more information, contact the retailer or the local authorities in charge of waste management. This symbol on the battery indicates that the battery is to be collected separately. The following apply only to users in European countries: · All batteries, whether marked with this symbol or not, are designated for separate collection at an appropriate collection point. Do not dispose of as household waste. · For more information, contact the retailer or the local authorities in charge of waste management.

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*C Internal Memory and Memory Cards Pictures taken with this camera can be stored in the camera's internal memory or on removable memory cards. If a memory card is inserted, all new pictures will be stored on the memory card and delete, playback and format operations will apply only to the pictures on the memory card. The memory card must be removed before the internal memory can be formatted or accessed for picture storage, deletion, or viewing. 1 Information and Precautions Life-Long Learning As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually updated information is available online at the following sites: · For users in the U.S.A.: <http://www.nikonusa.com/> · For users in Europe and Africa: <http://www.europe-nikon.com/support/> · For users in Asia, Oceania, and the Middle East: <http://www.nikon-asia.com/> Visit these sites to keep up-to-date with the latest product information, tips, answers to frequently asked questions (FAQs), and general advice on digital imaging and photography. Additional information may be available from the Nikon representative in your area. Visit the site below for contact information.*

*URL below for contact information: <http://imaging.nikon.com/> Introduction Use Only Nikon Brand Electronic Accessories Nikon COOLPIX cameras are designed to the highest standards and include complex electronic circuitry. Only Nikon brand electronic accessories (including battery charger, batteries, Charging AC Adapter and AC adapters) certified by Nikon specifically for use with this Nikon digital camera are engineered and proven to operate within the operational and safety requirements of this electronic circuitry. THE USE OF NON-NIKON ELECTRONIC ACCESSORIES COULD DAMAGE THE CAMERA AND MAY VOID YOUR NIKON WARRANTY.*

*The use of third-party rechargeable Li-ion batteries not bearing the Nikon holographic seal could interfere with normal operation of the camera or result in the batteries overheating, igniting, rupturing, or Holographic seal: leaking. Identifies this device as an For more information about Nikon brand accessories, contact a local authentic Nikon product. authorized Nikon dealer. Before Taking Important Pictures Before taking pictures on important occasions (such as at weddings or before taking the camera on a trip), take a test shot to ensure that the camera is functioning normally. Nikon will not be held liable for damages or lost profits that may result from product malfunction. About the Manuals · No part of the manuals included with this product may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language in any form, by any means, without Nikon's prior written permission. · Nikon reserves the right to change the specifications of the hardware and software described in these manuals at any time and without prior notice. · Nikon will not be held liable for any damages resulting from the use of this product. · While every effort was made to ensure that the information in these manuals is accurate and complete, we would appreciate it were you to bring any errors or omissions to the attention of the Nikon representative in your area (address provided separately). 2 Information and Precautions Notice Concerning Prohibition of Copying or Reproduction Note that simply being in possession of material that was digitally copied or reproduced by means of a scanner, digital camera or other device may be punishable by law.*

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*3 Parts of the Camera The Camera Body 12 34 5 Lens cover closed Introduction 8 6 7 9 1 2 3 4 5 Shutter-release button.....*

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*30 Power-on lamp .....*

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*. 19, 21, 131, 149 Built-in flash.....*

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.....31, 148 Eyelet for camera strap....

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..... 5 Speaker..

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.....108, 125 Slide cover (power switch)..

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.... 21 Basic Operations of the Shutter-Release Button The camera features a two-stage shutter-release button.

To set focus and exposure, press the shutter-release button halfway, stopping when you feel resistance. Focus and exposure lock while the shutter-release button is held in this position. To release the shutter and take a picture, press the shutter-release button the rest of the way down. Do not use force when pressing the shutter-release button, as this may result in camera shake and blurred pictures. 4 Press the shutter-release button halfway to set focus and exposure.



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.... 51 q Touch AF/AE .....

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. 53 p Subject tracking.....

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. 56 C Information display setting.....

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8 U Macro mode\* .....

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..... 67 Scene effect adjustment slider .....

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.. 39 V Continuous shooting mode, BSS\* ...

.. 68 W White balance mode\*.....

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74 B 12 Switch to the HOME screen.....

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.....14 10 13 k Wide zoom.....

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.29 Tele zoom ....

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.....29 S Exposure compensation\*.

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.....66 R Smile timer\*..

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..60 Q Image mode\*...

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...64 Movie options\*.....

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.. 123 P Flash mode\* ...

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62 O Self-timer\*.....

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...58 j 14 15 16 17 18 19 10 \* The current camera setting is displayed at the bottom of a control. Main Display of the Monitor/Touch Panel and Basic Operations Shooting (Other Indicators) The following monitor display shows the focus area as well as the number of exposures remaining. · The indicators displayed vary depending upon the information display setting (A 8), shooting mode, and the current camera settings. Introduction 11 1 2 3 4 56 7 1 2 3 4 5

Focus area ....

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...30 Focus area (face priority).....

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....30 Focus area (touch AF/AE) .

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...53 Focus area (subject tracking)..

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56 rq Vibration reduction.....

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147 O Date not set .....

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.163 Z Travel destination....

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143 7 C 999 10 9 8 999 9999 1m00s 1m00s a b 6 Internal memory indicator.....

.....27 a Number of exposures remaining (still pictures) ..

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...27 8 b Movie recording time remaining .....

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.....123 F 9 Macro mode .....

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...67 10 Zoom indicator .....

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.29, 67 B 11 Battery level indicator.....

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.....26 C Monitor Display in Portrait ("Tall") Orientation When the camera is held in portrait ("tall") orientation, the controls and indicators are also displayed in portrait ("tall") orientation.

Controls and indicators may not be appropriately rotated when the camera is pointing up or down. 9 9 11 Main Display of the Monitor/Touch Panel and Basic Operations Playback (Operation Controls) Tap the following controls to switch between monitor displays, or delete or edit pictures. · The controls



available displayed vary depending upon the information display setting (A 8), the displayed picture, and the current camera settings. Introduction 20 19 18  
17 1 2 3 4 5 6 7 8 9 11 12 13 14 16 15 14 13 12 11 10 GAbcdefghi jklm nGo pD 1 Switch to shooting mode .....

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..26, 38, 122 ccab 2 Playback mode.....

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.32, 78, 84, 87 L 3 Protect .....

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. 99 K Print-order .....

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101 4 o Volume control.....

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.98, 108, 125 5C Information display setting .....

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...8 e 6 Rotate image ..

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. 106 h Stretch.....

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..... 118 7 Perspective control.

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..... 119 f 8 Add pictures to albums .

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.. 80 g 9 Voice memo.....

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..... 107 i 10 Skin softening...

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.... 120 15 16 17 18 19 20 B Switch to the HOME screen.

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....14 J Delete .....

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.....32 I Slide show .....

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.....98 N Thumbnail display ...

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. 93 M Playback zoom.....

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....91 y Movie playback .

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.. 125 d Small picture .....

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..... 117 c Color options ....

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.... 116 l D-Lighting.

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..... 115 b Quick retouch.

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. 114 a Paint.....

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.... 111 12 Main Display of the Monitor/Touch Panel and Basic Operations Playback (Information Display) When C is tapped and the photo information is turned on (A 9), the following information is displayed. · The indicators displayed vary depending upon the displayed picture and the current camera settings.  
Introduction 1 2 15/11/2009 15:30 9999.JPG 34567 8 15 14 13 12 999/999 9 999/999 9999/9999 1m00s 1m00s a b 11 10 1 2 3 4 5 6 7 8 File number and type ...

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..... 159 Date/time of recording....

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..... 22 Print-order icon .....

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..... 101 Protect icon...

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. 99 a Quick retouch icon .....

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..... 114 c D-Lighting icon...

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. 115 b Color options icon .....

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..... 111 15 g Skin softening icon ....

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.. 120 9 \* Displayed when the battery level is low, regardless of the photo information display setting.



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the country or region in which the camera was purchased. For Customers in Argentina If the camera was purchased in Argentina, the shape of the Charging AC Adapter EH-68P (AR) differs from that supplied in other countries, and a plug adapter is not included. Proceed to step 2. EH-68P (AR) 2 3 Be sure that the power-on lamp and the monitor are off.

Be sure to insert the battery into the camera (A 16) and turn off the camera (A 21). Use the supplied USB cable to connect the Charging AC Adapter to the camera. USB cable B 18 Connecting the Cable When connecting the cable, be sure that the connector is properly oriented. Do not use force when connecting the cable to the camera. When disconnecting the cable, do not pull the connector at an angle. Charging the Battery 4 Plug the Charging AC Adapter into an electrical power outlet. The power-on lamp slowly blinks orange to indicate that the battery is charging. About four hours are required to charge a fully exhausted battery. First Steps The following chart explains power-on lamp status when the camera is plugged into the electrical power outlet. Power-on lamp Blinks slowly (orange) Off Battery charging.

Battery not charging. When charging is complete, the power on lamp stops blinking orange and turns off. · The ambient temperature is not suited to charging. Charge the battery indoors with an ambient temperature of 5 °C to 35 °C (41 °F to 95 °F). · A USB cable is not correctly connected, nor is a Charging AC Adapter correctly plugged, or the battery is faulty. Disconnect the USB cable or unplug the Charging AC Adapter and correctly connect it again, or change the battery. Description Flickers (orange) 5 Disconnect the Charging AC Adapter from the electrical outlet and then disconnect the USB cable. 19 Charging the Battery B Notes on Charging AC Adapter · The Charging AC Adapter EH-68P is for use only with compatible devices. Do not use with another make or model of device. · Be sure to read and follow the warnings for the Charging AC Adapter on page iii and the section, "The Battery" (A 161), before use. · The Charging AC Adapter EH-68P can be used with AC power sources of 50/60 Hz and 100-240 V.



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To use the charging AC adapter abroad, be sure to use a power adapter (available commercially) where necessary. Check beforehand with your travel agent regarding the necessity for power adapter plugs. · The Charging AC Adapter EH-68P is for charging the battery inserted into the camera. When the Charging AC adapter is connected to the camera, the camera cannot be turned on.

· Do not, under any circumstances, use another make or model of AC adapter other than Charging AC Adapter EH-68P or USB-AC adapter. Failure to observe this precaution could result in overheating or in damage to the camera. First Steps C AC Power Source · If the AC Adapter EH-62F (available separately; A 158) is used, power is supplied to the camera from an electrical outlet and taking pictures and playing back pictures are available with this camera. · Do not, under any circumstances, use another make or model of AC adapter other than EH-62F. Failure to observe this precaution could result in overheating or in damage to the camera.

D Charging Using Computer or Battery Charger · Connecting the COOLPIX S70 to a computer also charges the Rechargeable Li-ion Battery EN-EL12 (A 127, 131). · Rechargeable Li-ion Battery EN-EL12 can also be charged using the Battery Charger MH-65 (available separately; A 158). 20 Charging the Battery Turning On and Off the Camera To turn on the camera, open the slide cover. After the power-on lamp (green) lights for a moment, the monitor will turn on. First Steps To turn off the camera, close the slide cover. When the camera turns off, both the power-on lamp and monitor will turn off. B D Note on Opening the Slide Cover Be sure to keep your fingers away from the lens when opening the slide cover. Auto Power Off in Shooting Mode (Standby Mode) If no operations are performed for about a minute (default setting), the monitor will turn off automatically and the camera will enter standby mode (the auto off function). · Pressing the shutter-release button, while the monitor is off (the power-on lamp is blinking) in standby mode will reactivate the monitor. · The time allowed to elapse before the camera enters standby mode can be changed from the Auto off option (A 149) in the setup menu (A 139).

· When the AC Adapter EH-62F (available separately, A 162) is connected, a screen saver function is activated to prevent screen burn when no operations are performed for about a minute (default setting, A 149). 21 Setting Display Language, Date and Time A language-selection dialog is displayed the first time the camera is turned on. 1 First Steps Open the slide cover to turn on the camera. The power-on lamp (green) will light for a moment and the monitor will turn on. When the COOLPIX welcome screen is displayed, tap the monitor or press the shutter-release button. 2 Tap the desired language. If the desired language is not displayed, tap D or E to view other language options. For more information about operating the touch panel, see "Operating the Touch Panel" (A 6). Language 1/3 3 Tap Yes. If No is tapped, the date and time will not be set.

Date Set time and date? No Yes 4 Tap A or B to select your home time zone (A 145) and tap Z. Home time zone London Casablanca D Daylight Saving Time Home time zone London Casablanca If daylight saving time is in effect, tap H in the time zone selection screen displayed in step 4 to turn on the daylight saving time function. When the daylight saving time function is enabled, W is displayed at the top of the monitor. To turn off the daylight saving time function, tap H again. 22 Setting Display Language, Date and Time 5 Tap D or E to choose the order in which the day, month and year are displayed.

Date DMY 00 : 00 01 / 01 / 2009 First Steps 6 Edit the date and time. Tap the desired item and D or E to edit the highlighted item. DMY Date 00 : 00 01 / 01 / 2009 7 Tap Z. The settings are applied and monitor display exits to shooting mode. DMY Date 14 : 30 15 / 11 / 2009 D Changing the Date and Time · Select Date from the Date item (A 143) in the setup menu (A 139) to change the current date and time and follow the procedure described from step 5.

· Select Time zone from the Date item (A 143) in the setup menu to change the time zone and daylight saving time settings. 23 Inserting Memory Cards Recorded data are stored in the camera's internal memory (approximately 20 MB) or on removable Secure Digital (SD) memory cards (available separately; A 158). If a memory card is inserted in the camera, data are automatically stored on the memory card and data recorded to the memory card can be played back, deleted or transferred. Remove the memory card to store data in the internal memory, or play back, delete or transfer data from the internal memory.

First Steps 1 Be sure that the power-on lamp and the monitor are off and open the battery-chamber/memory card slot cover. Be sure to turn off the camera before opening the battery-chamber/memory card slot cover. 2 Insert the memory card. Slide the memory card in the correct orientation shown at right until it clicks into place. Close the battery-chamber/memory card slot cover. B Inserting Memory Cards Inserting the memory card upside down or backwards could damage the camera or the memory card.

Be sure that the memory card is in the correct orientation. Removing Memory Cards Before removing memory cards, close the slide cover to turn the camera off and be sure that the power-on lamp and monitor are off. Open the battery-chamber/ memory card slot cover and press the card in (1) to partially eject the card. The card can then be removed by hand (2). Do not attempt to remove the card at an angle. · Note that the memory card may become hot during use; observe due caution when removing the memory card. 24 Inserting Memory Cards B Formatting Memory Cards If the message at right is displayed when the camera is turned on, the memory card must be formatted before use (A 150). Note that formatting permanently deletes all pictures and other data on the memory card. Be sure to make copies of any pictures you wish to keep before formatting the memory card. Card is not formatted.

Format card? Yes No First Steps Tap Yes to format. When the confirmation dialog is displayed, tap Yes. To start formatting, tap OK. · Do not turn the camera off or open the battery-chamber/memory card slot cover until formatting is complete. · Be sure to use this camera to format memory cards previously used in other devices the first time they are inserted into the COOLPIX S70 (A 150).

B The Write Protect Switch Write protect switch Memory cards are equipped with a write protect switch. When this switch is in the "lock" position, data cannot be written to, or deleted from, the memory card.



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If the switch is in the "lock" position, unlock it by sliding the switch to the "write" position to record or delete pictures, or to format the memory card. B Memory Cards · Use only Secure Digital memory cards. · Do not perform the following during formatting, while data is being written to or deleted from the memory card, or during data transfer to a computer.

Failure to observe this precaution could result in the loss of data or in damage to the camera or memory card: · Take out the battery or memory card · Turn off the camera · Disconnect the AC adapter · Do not use a computer to format the memory card. · Do not disassemble or modify. · Do not drop, bend, or expose to water or strong physical shock. · Do not touch the metal terminals with your fingers or metal objects. · Do not affix labels or stickers to the memory card. · Do not leave in direct sunlight, closed vehicles or areas exposed to high temperatures. · Do not expose to humidity, dust, or corrosive gases. 25 Basic Photography and Playback: Easy Auto Mode Step 1 Turn the Camera On and Select G Easy Auto Mode In G (easy auto) mode, the camera automatically selects the optimum shooting mode by framing a picture, allowing you to easily take pictures using a shooting mode that suits the scene (A 34). 1 Open the slide cover to turn on the camera. The power-on lamp (green) will light for a moment and the monitor will turn on.

G (easy auto) mode is initially activated at the time of purchase. Proceed to step 4. Basic Photography and Playback: Easy Auto Mode 2 Tap the shooting mode control. 3 Tap G. The camera enters G (easy auto) mode. A shooting mode can also be selected from the HOME screen (A 14). Auto mode 4 Check the battery level. Battery Level Monitor NO INDICATOR B N Battery exhausted. Description Battery fully charged. Battery low.

Prepare to charge or replace the battery. Cannot take pictures. Recharge or replace with a fully charged battery. Battery level indicator 26 Step 1 Turn the Camera On and Select G Easy Auto Mode Indicators Displayed in G (Easy Auto) Mode To display the number of exposures remaining and shooting settings, tap C displayed at lower left in the monitor to turn on shooting information (A 8). Image mode The combination of image size and image quality (compression) is displayed.

The default setting is f16:9 (3968 × 2232). Basic Photography and Playback: Easy Auto Mode Shooting mode In easy auto mode, h, i, j, k, l, m, or n is displayed to indicate the shooting mode selected by the camera for the current subject and framing. 9 Number of exposures remaining The number of pictures that can be stored depends on the capacity of the internal memory or memory card and image mode setting (A 64). Vibration reduction The effects of camera shake are reduced. Internal memory indicator Indicates that images will be stored in the camera's internal memory (approximately 20 MB).

When a memory card is inserted, C is not displayed and pictures will be stored to memory card. B B C Note on Touch Shutter At the default setting, the shutter can be released by simply tapping a subject in the monitor (A 51). Take care that you do not release the shutter accidentally. Note on Printing Pictures

When printing pictures taken at an A Image mode setting of f16:9 (3968) (default setting), the edges of pictures may be cropped, preventing printing of complete pictures (A 132). Functions Available in Easy Auto Mode · When the camera is pointed at a human face, the face priority function which the camera automatically recognizes that face and focus on it, activates. See "Easy Auto Mode" (A 34) for more information. · Shooting settings (A 48) can be changed when C is tapped to display the operation controls. D Vibration Reduction · See "Vibration Reduction" (A 147) in the setup menu (A 139) for more information. · Set Vibration reduction to Off when using a tripod to stabilize the camera during shooting. 27 Step 2 Frame a Picture 1 Ready the camera.

Hold the camera steadily in both hands, keeping your fingers and other objects away from the lens, flash, AFassist illuminator, and microphone. When taking pictures in portrait ("tall") orientation, turn the camera so that the built-in flash is above the lens. Basic Photography and Playback: Easy Auto Mode 2 Frame the picture. When the camera automatically selects the optimum scene mode, the shooting mode control will be changed (A 34). When the camera recognizes a human face, that face will be framed by a yellow double border (focus area). Shooting mode control Up to 12 faces can be recognized. If more than one face is recognized, the face closest to the camera will be framed by a double border, and the others by a single border. When taking pictures of subjects other than people, or framing a subject with which no face is recognized, a focus area will not be displayed. Frame the picture so that the intended subject is at or near the center of the frame. B 28 Notes on Easy Auto Mode · The desired scene mode may not be selected in certain condition.

In this case, select another shooting mode. · When digital zoom is in effect, shooting mode is h. Step 2 Frame a Picture Using the Zoom Tap j or k to activate optical zoom. Tap j to zoom in so that the subject fills a larger area of the frame, or k to zoom out, increasing the area visible in the frame. Zoom in Digital zoom Optical zoom Zoom out Basic Photography and Playback: Easy Auto Mode Digital Zoom When the camera is zoomed in to the maximum optical zoom position, touching and holding j triggers digital zoom.

The subject is magnified up to 4× the maximum optical zoom ratio. The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect. The touch shutter (A 51) and touch AF/AE (A 53) functions are not available. Maximum optical zoom Digital zoom enabled C Digital Zoom and Interpolation Unlike optical zoom, digital zoom uses a digital imaging process known as interpolation to magnify images, resulting in slight deterioration of picture quality. Interpolation is applied at zoom positions beyond V.

When zoom is increased beyond the V position, interpolation is initiated and the zoom indicator turns yellow to indicate that interpolation is being applied. The position of V moves to the top as image size decreases, allowing for confirmation of the zoom positions at which shooting without interpolation is possible at the current image mode setting (A 64). Digital zoom can be disabled from the Digital zoom option (A 148) in the setup menu (A 139). Small image size 29 Step 3 Focus and Shoot 1 Press the shutter-release button halfway (A 4). Focus is locked when the shutter-release button is pressed halfway.



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When focus is locked, the active focus area turns green. When a face is recognized: When no face is recognized: Basic Photography and Playback: Easy Auto Mode 1/125 F3.9 1/125 F3.9 Shutter speed Aperture Focus indicator When digital zoom is used, the focus area is not displayed and the camera focuses at the center of the frame. Once focus has been acquired, the focus indicator will glow green.

1/125 F5.8 The shutter speed and aperture value are displayed when the shutter-release button is pressed halfway. The focus and exposure remain locked while the shutter-release button is pressed halfway. When the camera detects subject movement or camera shake and increases shutter speed, the shutter speed indicator will turn green (Motion detection; A 34). When the shutter-release button is pressed halfway, and then the focus area or the focus indicator may blink red, the camera is unable to focus. Modify the composition and press the shutter-release button halfway again. 2 Press the shutter-release button the rest of the way down. The shutter is released and the picture will be recorded to the memory card or internal memory. 30 Step 3 Focus and Shoot B During Recording While pictures are being recorded, the number of exposures remaining will blink. Do not open the battery-chamber/memory card slot cover while pictures are being recorded.

Cutting power or removing the memory card in these circumstances could result in loss of data or in damage to the camera or card. B Autofocus Autofocus may not perform as expected in the following situations. In some rare cases, the subject may not be in focus despite the fact that the focus area or the focus indicator glows green. · Subject is very dark · Objects of sharply differing brightness are included in the frame (e.g. the sun behind the subject makes that subject appear very dark) · No contrast between the subject and surroundings (e.g. a portrait subject, wearing a white shirt, is standing in front a white wall) · Several objects are at different distances from the camera (e.g. the subject is inside a cage) · Subject is moving rapidly In the situations noted above, try pressing the shutter-release button halfway to refocus several times, or focus on another subject (A 55).

When focusing on another subject, be sure that the alternate subject is at the same distance from the camera as the intended subject while the shutter-release button is pressed halfway. Basic Photography and Playback: Easy Auto Mode B C Note on Face Priority See "Notes on Face Priority" (A 34) for more information. Touch Shutter At the default setting, the shutter can be released by simply tapping a subject in the monitor (A 51) rather than by pressing the shutter-release button. The Touch shutter option can be changed to the R Touch AF/AE option, with which the camera locks focus and exposure without releasing the shutter, when a subject is tapped (A 53). D AF-assist Illuminator and Flash If the subject is poorly lit, the AF-assist illuminator (A 148) may light when the shutter-release button is pressed halfway, or the flash (A 62) may fire when the shutter-release button is pressed all the way down. 31 Step 4 Playing Back and Deleting Pictures Playing Back Pictures (Playback Mode) Tap c. Shooting Playback Basic Photography and Playback: Easy Auto Mode The last picture taken will be displayed in full-frame playback mode. Drag the current picture to display previous or subsequent picture. Use two fingers to forward or backward pictures more rapidly. Tap the shooting mode control (G) displayed at upper left in the monitor or press the shutter-release button to return to shooting mode.

Tap C displayed at lower left in the monitor to turn on photo information (A 9) and check picture file numbers. C is displayed when pictures stored in the camera's internal memory are played back. When a memory card is inserted in the camera, C is not displayed and pictures stored on the memory card are played back. 15/11/2009 15:30 0004.JPG 4/4 Internal memory indicator File number/total number of frames Deleting Pictures 1 Play back a picture to be deleted and tap C to display J at the right side of the monitor (A 9). 2 Tap J. 32 Step 4 Playing Back and Deleting Pictures 3 Tap Yes. Note that deleted pictures cannot be recovered. To exit without deleting the picture, tap No. Yes Delete Erase 1 image? No C Options Available in Playback Mode Basic Photography and Playback: Easy Auto Mode When C is tapped in full-frame playback mode and photo information is turned on (A 9), the following operations are available using operation controls.

Option Tap Description Enlarge view of picture currently displayed in the monitor up to about 10x. Pictures can also be enlarged by placing two fingers on the picture currently displayed and spreading them apart. Tap D to return to full-frame playback. Display 6, 12, or 20 picture thumbnails. Picture thumbnails can also be displayed by placing two fingers on the picture currently displayed and pinching them together.

Play back pictures, stored in the internal memory or on a memory card, one by one. Tap the shooting mode control displayed at upper left in the monitor (A 10). The shutter-release button can also be pressed to switch to shooting mode. Shooting or playback mode can be selected and the setup menu can be displayed from the HOME screen. A Playback zoom M 91 View thumbnails Play back pictures in slide show Switch to shooting mode Switch to the HOME screen N I Shooting mode control 93 98 B 14 C Viewing Pictures · Pictures stored in the internal memory can only be viewed if no memory card is inserted. · Pictures taken in portrait ("tall") orientation will be rotated automatically (A 13). The rotating direction can be changed from the f Rotate image option (A 106). When the camera is rotated, the picture displayed is also rotated (A 13). · When the monitor has turned off in standby mode to save power, press the shutter-release button to reactivate it (A 149). D Deleting Multiple Pictures · When J is tapped in thumbnail playback mode, multiple pictures can be deleted (A 95). · When J is tapped in the album list in favorite pictures (A 81) or in the category list in auto sort (A 84) mode, all pictures added to a particular album or sorted to a particular category can be deleted (A 96). · When J is tapped in the shooting date list screen in list by date mode (A 87), all pictures taken on a particular date can be deleted (A 96). 33 Easy Auto Mode Automatic Scene Selection The camera automatically selects one of the following scenes when pointing the camera at a subject. · · · · Basic Photography and Playback: Easy Auto Mode h Auto mode (general use) i Portrait (A 39) j Landscape (A 40) k Night landscape (A 42) · l Night portrait (A 40) · m Backlight (A 44) · n Close-up (A 42) Focusing in Easy Auto Mode When the shutter-release button is pressed halfway while the shooting mode control h or n is displayed, the camera automatically selects the focus area (one of nine) containing the subject closest to the camera.



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*Notes on Face Priority* · The camera may be unable to recognize faces in the following situations: - When faces are partially hidden by sunglasses or other obstructions - When faces take up too much or too little of the frame · When the frame includes more than one face, the faces recognized by the camera and the face on which the camera focuses depend upon a variety of factors, including the direction in which the faces are looking.

· In some cases, including those noted in "Autofocus" (A 31), autofocus may not perform as expected, and the subject may not be in focus despite the fact that the double border glows green. Should this occur, refocus on another subject positioned at the same distance from the camera as the actual portrait subject (A 55). C Motion Detection 34 In G (easy auto) mode or A (auto) mode, when the camera detects subject movement or camera shake, ISO sensitivity and shutter speed is increased to reduce blurring. In this case, the shutter speed indicator will turn green. · Motion detection may be unable to completely eliminate the effects of subject movement and camera shake in some situations. · Motion detection may not function if the subject exhibits significant movement or is too dark. · The pictures taken using motion detection may be somewhat "grainy" in appearance. More on Shooting Selecting a Shooting Mode Select a shooting mode from G (easy auto), A (auto), C (scene), and D (movie) modes. 1 Tap the shooting mode control in shooting mode. The shooting mode selection controls are displayed.

2 Tap the desired shooting mode control. Tap C (scene) to display scene selection controls. Tap the desired scene control (A 38). The selected shooting mode is enabled and the monitor display returns to shooting mode. Easy auto mode More on Shooting When the shooting mode control displayed at 1234 upper left in the monitor is tapped or the shutter-release button is pressed with the shooting mode selection controls displayed, monitor display returns to shooting mode without switching shooting modes.

1 G Easy auto mode A 26 By simply framing a picture, the camera automatically selects the optimum shooting mode. 2 A Auto mode A 37 Pictures can be taken with your own shooting settings such as flash mode or macro mode setting. The continuous setting and the subject tracking option with which a focus area follows the selected subject can also be applied. 3 4 C Scene mode Camera settings are automatically optimized for the selected scene. D Movie mode Shoot movies with sound recorded via the built-in microphone.

A 122 A 38 35 Selecting a Shooting Mode D Selecting a Shooting Mode from the HOME Screen A different shooting mode can also be selected from the HOME screen (A 14). Tap B, displayed at lower right in the monitor in shooting and playback modes, to display the HOME screen. C More on Shooting Adjusting Shooting Settings When C is tapped in shooting mode, operation controls are displayed and shooting settings can be adjusted. The settings that can be adjusted vary by shooting mode (A 49). 36 Shooting in A (Auto) Mode Shooting settings such as flash mode and macro mode can be changed or applied. The Continuous setting and the Subject tracking option, with which the active focus area follows the selected subject, can also be applied. 1 Tap the shooting mode control in shooting mode to display the shooting mode selection controls, and then tap A. The camera enters A (auto) mode. A shooting mode can also be selected from the HOME screen (A 14). Easy auto mode 2 Tap C to display the operation controls.

More on Shooting 3 Check or adjust the setting. Tap an operation control to adjust the setting. See "Adjusting the Camera Settings in Shooting Mode" (A 48) for more information. 9 4 Frame the subject and take a picture. When the camera recognizes a face, a yellow double border (focus area) is displayed around that face. When 9 the shutter-release button is pressed halfway, the camera focuses on that face framed by a double border (A 28, 34). When taking pictures of subjects other than people, or framing a subject with which no face is recognized, the camera selects the focus area (one of nine) containing the subject closest to the camera (A 34) by pressing the shutter-release button halfway. A picture is taken when the shutter-release button is pressed all the way down. At the default setting, the shutter can be released by simply tapping a subject in the monitor (A 51) rather than by pressing the shutter-release button. The Touch shutter option can be changed to the R Touch AF/AE option, with which the camera locks focus and exposure without releasing the shutter, when a subject is tapped (A 53).

D More Information See "Autofocus" (A 31) and "Notes on Face Priority" (A 34) for more information. 37 Shooting Suited to Scenes Camera settings are automatically optimized for the selected subject type. The following scene modes are available. b Portrait u Food o Backlight c Landscape l Museum p Panorama assist d Sports i Dusk/dawn e Night portrait f Party/indoor j Night landscape k Close-up G Draw g Beach/snow h Sunset m Fireworks show n Copy Selecting a Scene Mode 1 More on Shooting Tap the shooting mode control in shooting mode to display the shooting mode selection controls, and then tap C. The scene selection controls will be displayed.

A shooting mode can also be selected from the HOME screen (A 14). Easy auto mode 2 Tap the desired scene control. See "Features" (A 39) for more information. Portrait 3 Frame the subject and take a picture. A scene effect adjustment slider is displayed in some scene modes when the information display is enabled by tapping C.

The degree of effect applied to pictures taken in the selected scene mode can be adjusted (A 39). Tap C to display the operation controls and adjust the shooting settings (A 48). C Displaying the Help Screen in Scene Mode Help selection 38 When F is tapped in step 2, the help selection screen is displayed. Tap a scene control to display a description of the features of that mode. Tap A to return to the help selection screen. · Tap F in the help selection screen to return to the monitor display shown in step 2. Shooting Suited to Scenes Adjusting Scene Effect The scene effect adjustment slider is displayed in the scene modes listed below when the information display is enabled by tapping C. Tap the scene effect adjustment slider to adjust the degree of effect to be applied to pictures taken in the selected scene mode. 9 Scene effect adjustment slider b Portrait, e Night portrait, g Beach/snow, j Night landscape, o Backlight Darker Brighter More on Shooting u Food More blue More red c Landscape, k Close-up Less vivid More vivid h Sunset, i Dusk/dawn More blue More red Features b Portrait Use this mode for portraits.



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