



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX S5100. You'll find the answers to all your questions on the NIKON COOLPIX S5100 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 S5100
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Nikon

DIGITAL CAMERA

COOLPIX S5100

User's Manual



En



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Manual abstract:

• SD and SDHC Logos are trademarks of SD-3C, LLC. • PictBridge is a trademark. • 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 Charging AC Adapter could result in injury. Repairs should be performed only by qualified technicians. Should the camera or Charging 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 Charging 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, overheat, 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 Charging AC Adapter/AC adapter, be sure it is unplugged. • Use only a Rechargeable Li-ion Battery EN-EL10 (supplied). Charge the battery by using a camera that supports battery charging or by using a Battery Charger MH-63 (available separately).

To charge the battery with the camera, use either Charging AC Adapter EH-68P/EH68P (AR) (supplied) or the Charge by computer function. • 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.

• Put the battery in the battery case before transporting it. 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 plug 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 USB 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. 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 DC to AC inverters. Failure to observe this precaution could damage the product or cause overheating or fire. • • • • • iii For Your Safety 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 lens cover or other moving parts. CD-ROMs The CD-ROMs supplied with this device should not be played back on audio CD equipment. Playing CD-ROMs 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 1 m (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. Avoid contact with liquid crystal. Should the monitor break, care should be taken to avoid injury caused by broken glass and to prevent liquid crystal from the monitor touching the skin or entering the eyes or mouth. 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 Notices for Customers in the U.S.A. **IMPORTANT SAFETY INSTRUCTIONS SAVE THESE INSTRUCTIONS. DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS** For connection to a supply not in the U.S.A., use an attachment plug adapter of the proper configuration for the power outlet if needed.

The power supply unit is intended to be correctly orientated in a vertical or floor mount position. 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. 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 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.



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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. v Notices 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 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. Notices for customers in Europe CAUTIONS RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS. 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. vi Table of Contents For Your Safety...

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.... 162 x Introduction About This Manual Thank you for your purchase of a Nikon COOLPIX S5100 digital camera. This manual was written to help you enjoy taking pictures with your Nikon digital camera. Read this manual thoroughly before use, and keep it where all those who use the product will read it.

Symbols and Conventions To make it easier to find the information you need, the following symbols and conventions are used: This icon marks cautions, information that should be read before use, to prevent damage to the camera. This icon marks tips, additional information that may be helpful when using the camera. Introduction B D C This icon marks notes, information that should be read before using the camera.

A This icon indicates that more information is available elsewhere in this manual. **Notations** • Secure Digital (SD) memory card and SDHC memory card are referred to as “memory card.” • The setting at the time of purchase is referred to as the “default setting.” • The names of menu items displayed in the camera monitor, and the names of buttons or messages displayed on a computer monitor appear in bold. **Screen Samples** In this manual, images are sometimes omitted from monitor display samples so that monitor indicators can be more clearly shown.

Illustrations and Screen Display Illustrations and text displays shown in this manual may differ from actual display. **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. **I 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.>



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Visit the site 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 leaking. For more information about Nikon brand accessories, contact a local authorized Nikon dealer. Holographic seal: Identifies this device as an authentic Nikon product. 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.

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3 Parts of the Camera The Camera Body Introduction 1 2 3 4 5 6 7 9 8 Lens cover closed Zoom control.....

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25 f : wide.....

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...25 g : tele ..

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.....25 l h : thumbnail playback..

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.... 72, 74 i : playback zoom .

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...75 j : help..
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..51 2 Shutter-release button...
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.... 11, 26 3 Power switch/power-on lamp

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17, 133 4 Microphone.....
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.....91, 101 5 Flash ..

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.....30 6 Self-timer lamp..
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.....32 AF-assist illuminator.....

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.....131 7 Speaker..
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.92, 106 8 Lens

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... 144, 158 9 Lens cover 4 Parts of the Camera 1 2 3 4 5 Introduction 6 7 8 9 10 11 12 13 14 1 Monitor ..
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.6, 23 2 Multi selector....
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..... 9 3 A (shooting mode) button .
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..8, 35 4 b (movie-record) button

.....8, 101 Charge lamp ...
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...15, 113 5 Flash lamp ..
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31 6 Tripod socket.....
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.....159 7 d button.....
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10, 36, 83, 103, 121 8 l (delete) button.....

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.. 29, 92, 106 9 Cover latch...
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12, 20 10 Battery-chamber/ memory card slot cover.....

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12, 20 15 16 17 18 11 k (apply selection) button.....

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.. 9 12 Eyelet for camera strap...

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. 11 13 c (playback) button

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8, 28, 77 14 USB/audio/video output connector

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.... 14, 107, 109, 115 15 Connector cover.

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14, 107, 109, 115 16 Battery latch

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12, 13 17 Battery chamber

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..... 12 18 Memory card slot ..

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..... 20 5 Parts of the Camera The Monitor The following indicators may appear in the monitor during shooting and playback (actual display varies with current camera settings).

The indicators that appear in the monitor during shooting and playback disappear after a few seconds (A 126). Introduction Shooting 4 32 31 30 29 28 27 26 25 10 2 5 6 7 8 9 1 2 3 10 11 12 24 +1.0 1600 13 1/250 F 2.7 999 14 999 9999 1m00s 1m00s 23 17 16 15 22 21 20 19 18 a b 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Shooting mode*..

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...22, 51, 64, 67 Macro mode

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.....33 Zoom indicator

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...25, 33 Focus indicator.....

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26 AE/AF-L indicator.....

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..63 Flash mode

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.....30 Battery level indicator ...

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.....22 Vibration reduction icon .

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....23, 129 Motion detection icon.

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....23, 130 "Date not set" indicator.....

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.... 123, 147 Travel destination icon.

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.123 Date imprint....

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.....128 Movie options....

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..104 Image mode .



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.....37 (a) Number of exposures remaining 15 (still images).

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.....22 (b) Movie length.

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.....101 16 Internal memory indicator.

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.23 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 Aperture.....

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.. 26 Focus area (auto).....

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.....26, 45 Focus area (for manual or center) ...

.. 45 Focus area (face detection) ...

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....45, 64 Focus area (subject tracking mode).....

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. 67 Center-weighted metering area 41 Shutter speed.

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... 26 ISO sensitivity..

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.31, 43 Exposure compensation value.....

... 34 Skin softening..

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.. 66 Smile timer.....

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..... 66 Blink proof icon ...

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.. 66 Color options..

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.. 44 White balance mode

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..... 39 Continuous shooting mode

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.. 42 Self-timer indicator

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..... 32 6 * The icon displayed varies with the shooting mode.

Parts of the Camera Introduction Playback 1 17 16 15 19 18 14 13 12 11 999/999 2 3 4 5 6 15/11/2010 12:00 9999.JPG 7 8 10 9 999/999 9999/9999 1m00s
1m00s a b 1 Date of recording

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..18 2 Time of recording..

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...18 3 Protect icon

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..88 4 Volume indicator ...
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...92, 106 5 Category icon in auto sort mode1 ..
..78 6 Battery level indicator

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....22 7 Movie options2

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.....104 8 Image mode2
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.....37 (a) Current frame number/ 9 total number of frames

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28 (b) Movie length.....
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.....106 1 2 10 Internal memory indicator

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. 28 11 Movie playback indicator....
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..... 106 12 List by date guide ...
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.. 81 13 Skin softening icon...
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..... 98 14 Print set icon
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. 84 15 Small picture icon

..... 99 16 D-Lighting icon

. 97 17 Quick retouch icon....

.... 96 18 Voice memo indicator.

92 19 File number and type.....

.... 146 The icon for the selected category in auto sort mode in playback mode is displayed.

The icon displayed varies with the setting that was set at the time of shooting. 7 Main Features of the Operation Controls 1 Introduction 2 3 4 5 6 9 10 7 Control 1 Name Power switch 8 Function Turns the camera on and off (A 17) Shooting mode: rotate to g (i) to zoom in; rotate to f (h) to zoom out (A 25) 2 Zoom control Playback mode: rotate to g (i) to magnify (A 75); rotate to f (h) to display thumbnail or calendar (A 72, 74) 3 Shooting mode: releases the shutter (A 11, 26) Shutter-release button Playback mode: switches to the shooting screen Movie-record button Shooting mode: starts and stops movie recording (A 101) Playback mode: switches to the shooting screen 4 5 Shooting mode: changes the shooting mode Shooting mode (displays the shooting-mode selection menu) (A 35) button Playback mode: switches to the shooting screen Power is off: press and hold to turn on the camera in playback mode 6 Playback button Shooting mode: plays back images (A 28, 106) Playback mode: changes the playback mode (displays the playback-mode selection menu) (A 77) 8 Main Features of the Operation Controls Control 7 Name d button Function Turns the menu on and off (A 10, 36, 83, 103, or 121) Shooting mode: deletes the last image captured (A 29) Playback mode: deletes images or voice memo (A 29, 92, or 106) Shooting mode: displays the m (flash mode) menu (A 30) Playback mode: selects previous images During menu display: moves the highlight up Shooting mode: displays the n (self-timer) menu (A 32) Multi selector (left) 9 Multi selector (down) Playback mode: selects previous images During menu display: moves the highlight left/ returns to the previous screen Shooting mode: displays the p (macro mode) menu (A 33) Playback mode: selects next images During menu display: moves the highlight down Shooting mode: displays the o (exposure compensation) setting screen (A 34) Multi selector (right) Playback mode: selects next images During menu display: moves the highlight right/ proceeds to next screen (applies selection) Playback mode (Full-frame playback): displays histogram and shooting information (except for movies)/returns to full-frame playback (A 71) 10 Apply selection Playback mode (Zoom in/thumbnail display): button switches to full-frame playback (A 72, 75) During menu display: applies selection (goes to next screen) Introduction 8 Delete button Multi selector (up) 9 Main Features of the Operation Controls Common Menu Operations Press the d button (A 9) to display the menu for the selected mode. Use the multi selector (A 9) to navigate the menus. Tab for the menus available in the current shooting/ playback mode Tab for displaying the movie menu (during shooting mode) K is displayed when previous menu items are available Shooting menu Image mode White balance Metering Continuous ISO sensitivity Color options Introduction Displayed when the menu contains two or more pages Tab for displaying the setup Exit menu Displayed when there are one or more menu items to follow 1 Press the d button. Shooting menu Image mode White balance Metering Continuous ISO sensitivity Color options Exit 2 Press the multi selector H or I to choose an item, and then press K or the k button. To change tabs, press J (A 11). Multi selector Shooting menu AF area mode Autofocus mode Exit 3 Press H or I to choose an item and press the k button. The setting is applied. Autofocus mode Single AF Full-time AF Exit 4 10 When setting is finished, press the d button. The camera exits the menu display.

Main Features of the Operation Controls Switching Between Tabs Shooting menu Image mode White balance Metering Continuous ISO sensitivity Color options Exit Shooting menu Image mode White balance Metering Continuous ISO sensitivity Color options Exit Set up Welcome screen Date Monitor settings Date imprint Vibration reduction Motion detection Exit Introduction Press the multi selector J to highlight the tab Press the multi selector H or I to select a tab, and press either the k button or K The selected menu is displayed 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. When the shutter-release button is pressed halfway, focus and exposure (shutter speed and aperture value) are set. Focus and exposure remain locked while the shutter-release button is pressed halfway. While the shutter-release button is held in this position, release the shutter and take a picture by pressing 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 images. Press halfway to set focus and exposure Press the rest of the way down to take a picture Attaching the Camera Strap 11 First Steps Inserting the Battery Insert a Rechargeable Li-ion Battery EN-EL10 (supplied) into the camera. • Charge the battery before the first use or when the battery is running low (A 14). 1 First Steps Open the battery-chamber/memory card slot cover. 2 Insert the supplied battery.

Use the edge of the battery to push the orange battery latch in the direction indicated by the arrow (1) and fully insert the battery (2). When the battery is fully inserted, the battery latch will lock it in place. Battery chamber B Inserting the Battery Inserting the battery upside down or backwards could damage the camera. Be sure to check that the battery is in the correct orientation. 3 Close the battery-chamber/memory card slot cover.

While the battery-chamber/memory card slot cover is open, the camera cannot be turned on.



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Additionally, the battery inserted in the camera cannot be charged. 12 Inserting the Battery Removing the Battery Turn the camera off (A 17) and be sure that the power-on lamp and the monitor have turned off before opening the battery-chamber/memory card slot cover. To eject the battery, open the battery-chamber/memory card slot cover and slide the orange battery latch in the direction indicated by the arrow (1). The battery can then be removed by hand (2). • Note that the battery and memory card may become hot during use; observe caution when removing the battery or memory card. First Steps B Notes on the Battery • Be sure to read and follow the warnings for the battery on page iii and the section, "The Battery" (A 143), before use. • If the battery will not be used for an extended period, recharge it at least once every six months and run it flat before returning it to storage. 13 Charging the Battery Charge the supplied Rechargeable Li-ion Battery EN-EL10 inserted into the camera, by connecting the supplied Charging AC Adapter EH-68P to the camera via the supplied USB Cable UC-E6, and then plugging the Charging AC Adapter into an electrical outlet. 1 First Steps Prepare the Charging AC Adapter EH-68P. If a plug adapter* is included, attach the plug adapter to the plug on the Charging AC Adapter. Push the plug adapter firmly until it is securely held in place. Once the two are connected, attempting to forcibly remove the plug adapter could damage the product. * The shape of the plug adapter varies according to 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 Insert the battery (A 12). Do not turn the camera on. Use the supplied USB cable to connect the Charging AC Adapter to the camera. Be sure that connectors are properly oriented. Do not attempt to insert connectors at an angle, and do not use force when connecting or disconnecting the USB cable. Close the battery-chamber/memory card slot cover. USB cable 14 Charging the Battery 4 Plug the Charging AC Adapter into an electrical outlet. The charge lamp slowly blinks green to indicate that the battery is charging. About three hours are required to charge a fully exhausted battery.

First Steps The following chart explains charge lamp status when the camera is plugged into the electrical outlet. Charge lamp Blinks slowly (green) Battery charging. Off Description Battery not charging. When charging is complete, the charge lamp stops blinking green 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). • The USB cable or Charging AC Adapter is not properly connected, or there is a problem with the battery. Disconnect the USB cable or unplug the Charging AC Adapter and correctly connect it again, or change the battery. Flickers (green) 5 Disconnect the Charging AC Adapter from the electrical outlet and then disconnect the USB cable. 15 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 143), before use. • The EH-68P is compatible with AC 100-240 V, 50/60 Hz electrical outlets. When using in other countries, use a plug adapter (commercially available) as necessary. For more information about plug adapters, consult your travel agency. • The Charging AC Adapter EH-68P is for charging the battery inserted into the camera. When the camera is connected to an electrical outlet with the Charging AC Adapter, 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-62D (available separately; A 145) is used, power is supplied to the camera from an electrical outlet and taking pictures and playing back images are available with this camera.

• Do not, under any circumstances, use another make or model of AC adapter other than EH-62D. 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 S5100 to a computer also charges the Rechargeable Li-ion Battery EN-EL10 (A 108, 136). • The EN-EL10 can be charged without using the camera by using the Battery Charger MH-63 (available separately; A 145). 16 Charging the Battery Turning On and Off the Camera Press the power switch to turn on the camera. The power-on lamp (green) will light, and then the monitor will turn on (the power-on lamp turns off when the monitor turns on). To turn off the camera, press the power switch again. When the camera is turned off, the power-on lamp and the monitor will turn off. • If the camera is turned off, hold down the c button to turn the camera on in playback mode (A 28). First Steps C Power Saving Function (Auto Off) If no operations are performed for a while, the monitor will turn off, the camera will enter standby mode, and the power-on lamp will blink.

If no operations are performed for another three minutes, the camera will turn off automatically. When the power-on lamp is blinking, pressing any of the following buttons will turn the monitor back on. □ Power switch, shutter-release button, A button, c button, or b (movie-record) button • In shooting or playback mode, the camera will enter standby mode in about one minute (default setting). • The time allowed to elapse before the camera enters standby mode can be changed from the Auto off option (A 133) in the setup menu (A 120). 17 Setting Display Language, Date, and Time When the first time the camera is turned on, the language- selection screen and the date and time setting screen for the camera clock are displayed.

1 First Steps Press the power switch to turn on the camera. The power-on lamp (green) will light, and then the monitor will turn on (the power-on lamp turns off when the monitor turns on). 2 Press the multi selector H, I, J, or K to choose the desired language and press the k button. Multi selector 3 Press H or I to choose Yes and press the k button. To cancel setting the date and time, press H or I to select No.

Date Set time and date? Yes No Cancel 4 Press J or K to choose your home time zone (A 125) and press the k button. London Casablanca Back D Daylight Saving Time London Casablanca If daylight saving time is in effect, press H to enable the daylight saving time function while setting the region in step 4.



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When the daylight saving time function is enabled, W is displayed at the top of the monitor. Press I to disable the daylight saving time function. 18 Back Setting Display Language, Date, and Time 5 Edit the date and time. Select an item: Press K or J (changes between D, M, Y, hour, minute, DMY (the order in which the day, month, and year are displayed)). Edit the highlighted item: press H or I. Day, month, and year can be displayed in DMY, YMD, and MDY order. Date D 01 00 M 01 00 Edit Y 2010 First Steps 6 Finally, choose DMY (the order in which the day, month, and year are displayed) and press the k button or press K. The clock starts.

The lens extends and the screen used for taking pictures is displayed. Date D 15 15 M 11 10 Edit Y 2010 C Date Imprint and Changing the Date and Time • To imprint the date on images while taking pictures, enable date imprint from the Date imprint option (A 128) in the setup menu (A 120) after the date and time have been set. • To change the camera's internal time setting, select Date from the Date option (A 123) in the setup menu (A 120) and follow the procedure described from step 5. • To change the time zone and daylight saving time settings, select Time zone from the Date option (A 123) in the setup menu. 19 Inserting Memory Cards Image, sound, and movie files are saved in the camera's internal memory (approximately 32 MB) or on removable Secure Digital (SD) memory cards (commercially available; A 145). If a memory card is inserted in the camera, data are automatically saved on the memory card and data saved to the memory card can be played back, deleted, or transferred. Remove the memory card to save 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 cover. 2 Insert the memory card.

Slide the memory card in until it clicks into place. Memory card slot B Inserting Memory Cards Inserting the memory card upside down or backwards could damage the camera or the memory card. Be sure to check that the memory card is in the correct orientation. 3 Close the battery-chamber/memory card slot cover. Removing Memory Cards Turn the camera off and be sure that the power-on lamp and the monitor have turned off before opening the battery-chamber/memory card slot cover.

Press the card in (1) to partially eject the card, then remove the card by hand while being careful not to remove the card at an angle (2). • Note that the battery and memory card may become hot during use; observe caution when removing the battery or memory card. 20 Inserting Memory Cards B Formatting Memory Cards If the message on the right is displayed when the camera is turned on, the memory card must be formatted before use (A 134). Note Card is not formatted. that formatting permanently deletes all images and other data Format card? on the memory card.

Be sure to make copies of any images you wish to keep before formatting the memory card. Yes When formatting the memory card, use the multi selector to No choose Yes and press the k button. The confirmation dialog will be displayed. To start formatting, choose Format and press the k button. • 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 S5100 (A 134). First Steps B The Write Protect Switch Write protect switch When memory card switch is in the lock position, data cannot be written to, or deleted from, the memory card. If the switch is in the lock position, unlock it by sliding the switch to the write position to save or delete images, 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: - Remove the battery or memory card - Turn off the camera - Disconnect the AC adapter • Do not format the memory card using a computer. • 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. 21 Basic Photography and Playback: A (Auto) Mode Step 1 Turn the Camera On and Select A (Auto) Mode This section describes taking pictures in A (auto) mode, an automatic, "point-andshoot" mode recommended for first-time users of digital cameras. 1 Press the power switch to turn on the camera. The lens extends and the monitor turns on.

Proceed to step 4 when A is displayed. Basic Photography and Playback: A (Auto) Mode 2 Press the A button. 3 Press the multi selector H or I to choose A Auto mode and press the k button. Auto mode Multi selector 4 Check the battery level indicator and the number of exposures remaining. Battery Level Indicator Display (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 9 Number of exposures remaining Number of Exposures Remaining The number of pictures that can be taken is displayed. 22 Step 1 Turn the Camera On and Select A (Auto) Mode Indicators Displayed in A (Auto) Mode Motion detection icon The effects of the subject movement and camera shake are reduced. Shooting mode A displayed in A (auto) mode. Vibration reduction icon Vibration reduction can be applied to reduce the effects of camera shake. 9 Movie options A movie option is displayed for movie recording (A 101, 104). Image mode The combination of image quality (compression) and image size is displayed. The default setting is L 4000 × 3000. Basic Photography and Playback: A (Auto) Mode Internal memory indicator Indicates that images will be saved on the camera's internal memory (approximately 32 MB). When a memory card is inserted in the camera, C does not appear and images will be saved on the memory card. • The indicators and photo info displayed during shooting and playback will turn off after a few seconds (A 126).

• When the monitor has turned off in standby mode to save power (the power-on lamp is blinking) (A 133), press the following buttons to turn it back on. □ Power switch, Shutter-release button, A button, or b (movie-record) button D Functions Available in A (Auto) Mode • The flash mode (A 30) can be adjusted, the self-timer (A 32), macro mode (A 33), and the exposure compensation (A 34) can be applied.



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• Press the *d* button to specify settings for all shooting menu items (A 36) according to shooting conditions. The combination of image quality (compression) and image size can be set by using the Image mode option in the shooting menu. *D* Vibration Reduction and Motion Detection • See Vibration reduction (A 129) or Motion detection (A 130) in the setup menu (A 120) for more information. • Set Vibration reduction to Off when using a tripod to stabilize the camera during shooting. 23 Step 2 Frame a Picture 1 Ready the camera. Hold the camera steadily in both hands. Keep fingers, hair and other objects away from the lens, flash, AF assist-illuminator and microphone. When taking pictures in portrait (“tall”) orientation, turn the camera so that the flash is above the lens. Basic Photography and Playback: A (Auto) Mode 2 Frame the picture. Frame the picture so that the intended subject is at or near the center of the frame. 9 24 Step 2 Frame a Picture Using the Zoom Use the zoom control to activate optical zoom. Rotate the zoom control to *g* to zoom in so that the subject fills a larger area of the frame, or *f* to zoom out, thus increasing the area visible in the frame. • When the camera is turned on, the zoom is at the widest position. • A zoom indicator is displayed at the top of the monitor when the zoom control is rotated. Zoom out Zoom in Basic Photography and Playback: A (Auto) Mode Digital Zoom Optical zoom Digital zoom When the camera is zoomed in to the maximum optical zoom position, rotating and holding the zoom control at *g* triggers digital zoom. Digital zoom can magnify the subject up to about 2× beyond the maximum magnification of the optical zoom. Maximum optical zoom Digital zoom enabled • The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect. 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 according to the image mode (A 37) and digital zoom magnification.

Interpolation is applied at zoom positions beyond *V* when taking still images. 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 right as image size decreases, allowing for confirmation of the zoom positions at which shooting without interpolation is possible at the current image mode setting. Small image size • Digital zoom can be disabled from the Digital zoom option (A 131) in the setup menu (A 120). 25 Step 3 Focus and Shoot 1 Press the shutter-release button halfway. When the shutter-release button is pressed halfway (A 11), the camera sets focus and exposure (shutter speed and aperture value). Focus and exposure remain locked while the shutter-release button is pressed halfway. The camera has nine focus areas, and automatically selects the focus areas containing the subject closest to the camera. When the subject is in focus, the focus areas that are in focus (up to nine areas) glow green. The camera focuses at the center of the frame and the focus area is not displayed when digital zoom is in effect.

Once focus has been acquired, the focus indicator (A 6) glows green. While the shutter-release button is pressed halfway, the focus area or focus indicator may blink red. This indicates that the camera is unable to focus. Modify the composition and press the shutter-release button halfway again. 1/250 F 2.7 Basic Photography and Playback: A (Auto) Mode 9 Shutter speed Aperture 2 Press the shutter-release button the rest of the way down. The shutter is released and the image will be saved to the memory card or internal memory. 26 Step 3 Focus and Shoot B During Saving While images are being saved, the number of exposures remaining will blink. Do not open the battery-chamber/memory card slot cover while images are being saved. 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 scene (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 of a white wall) • Several objects are at different distances from the camera (e.g. the subject is inside a cage) • Subjects with repeating patterns (window blinds, buildings with multiple rows of similarly shaped windows, etc.) • 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 positioned at the same distance from the camera as the actual desired subject, and use focus lock (A 46). Basic Photography and Playback: A (Auto) Mode B C When the Subject Is Close to the Camera If the camera cannot focus, try shooting with macro mode (A 33) or the Close-up scene mode (A 58).

AF-assist Illuminator and Flash If the subject is dimly lit, the AF-assist illuminator (A 131) may light when the shutter-release button is pressed halfway, or the flash (A 30) may fire when the shutter-release button is pressed all the way down. 27 Step 4 Playing Back and Deleting Images Playing Back Images (Playback Mode) Press the *c* (playback) button. The last image captured will be displayed in full-frame playback mode. Press the multi selector *H* or *J* to view the previous image. Press *I* or *K* to view the next image. To return to shooting mode, press the *A* button or the shutter-release button. Pressing the *b* (movie-record) button will also return the camera to shooting mode. When playing back images saved in the camera’s internal memory, *C* is displayed. When a memory card is inserted in the camera, *C* is not displayed and images saved on the memory card are played back. *c* (playback) button Multi selector Basic Photography and Playback: A (Auto) Mode A (auto) button *b* (movie-record) button 15/11/2010 15:30 0004.

JPG 4/4 Internal memory indicator *C C C* When the Monitor Has Turned Off to Save Power Operations Available in Playback Mode Displaying Shooting Information 1 0 0 N I K O N 0004.JPG 1/250 F 2.7 +1.0 100 4 When the power-on lamp is blinking, press the *c* button to turn the monitor back on (A 133). See “More on Playback” (A 70) or “Editing Images” (A 94) for more information. Press the *k* button in full-frame playback mode to display the histogram and shooting information (A 71). Press the *k* button again to return to full-frame playback mode. ISO 4/ C C 28 Pressing the *c* Button to Turn On the Camera When the camera is off, holding down the *c* button will turn the camera on in playback mode.



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The lens will not extend. Viewing Images Images captured using face detection (A 47) will be rotated and displayed automatically according to the orientation of the faces detected, in full-frame playback mode (excluding images captured using Continuous, BSS, and Multi-shot 16 (A 42)).

Step 4 Playing Back and Deleting Images Deleting Unwanted Images 1 Press the l button to delete the image currently displayed in the monitor. To exit without deleting the image, press the d button. 2 Press the multi selector H or I to choose the desired deletion method and press the k button. Current image: Only the current image or voice memo (A 92) is deleted. Erase selected images: Multiple images can be selected and deleted.

□ “Operating the Erase Selected Images Screen” All images: All images are deleted. Basic Photography and Playback: A (Auto) Mode Delete Current image Erase selected images All images 3 Press H or I to choose Yes and press the k button. Deleted images cannot be recovered. To cancel, press H or I to select No and press the k button. Erase 1 image? Yes No Operating the Erase Selected Images Screen 1 Press the multi selector J or K to choose an image to be deleted, and then press H to display y.

To undo the selection, press I to remove y. Rotate the zoom control (A 4) to g (i) to switch back to full-frame playback or f (h) to display thumbnails. Erase selected images Back ON/OFF 2 B C Add y to all desired images and then press the k button to confirm the selection. A confirmation dialog is displayed. Follow the instructions displayed in the monitor. Notes on Deletion • Deleted images cannot be restored. Transfer important images to a computer before deleting them. • Protected images cannot be deleted (A 88). Deleting the Last Image Captured While in Shooting Mode In shooting mode, press the l button to delete the last image captured. 29 Using the Flash The flash mode can be set to match the shooting conditions.

- When ISO sensitivity is set to Auto, the flash has a range of 0.5-6.0 m (1 ft. 8 in.-19 ft.) at the maximum wide-angle zoom position and a range of 0.7-2.5 m (2 ft. 4 in.-8 ft.) at the maximum telephoto zoom position. U V Basic Photography and Playback: A (Auto) Mode Auto Flash fires automatically when lighting is dim. Auto with red-eye reduction Reduce “red-eye” in portraits (A 31). Off Flash will not fire even when lighting is dim. Fill flash Flash fires whenever a picture is taken.

Use to “fill-in” (illuminate) shadows and backlit subjects. W X Y Slow sync U (auto) is combined with slow shutter speed. Suited to evening and night portraits that include background scenery. Flash illuminates main subject; slow shutter speeds are used to capture background at night or under dim lighting. Setting the Flash Mode 1 2 Press the multi selector m (flash mode).

The flash mode menu is displayed. Press the multi selector H or I to choose the desired mode and press the k button. The icon for the selected flash mode is displayed. When U (auto) is applied, D is only displayed for a few seconds, regardless of Photo info settings (A 126). If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. Flash mode 30 9 Using the Flash B Shooting When the Flash Is Disabled (W) or Lighting Is Dim

- Use of a tripod is recommended to stabilize the camera during shooting. Set Vibration reduction (A 129) to Off in setup menu (A 120) when using a tripod to stabilize the camera. • E may be displayed in the shooting screen. When E is displayed, ISO sensitivity is automatically increased. • The noise reduction function may be activated with some shooting conditions such as dim lighting.

More time than usual is required to save images to which noise reduction is applied. B C Note on the Flash Basic Photography and Playback: A (Auto) Mode When using the flash, reflections from dust particles in the air may appear as bright spots in images. To reduce these reflections, set the flash to W (off). The Flash Lamp The flash lamp indicates flash status when the shutter-release button is pressed halfway. • On: Flash will fire when picture is taken. • Blinks: Flash charging. Wait a few seconds and try again. • Off: Flash will not fire when picture is taken. If the battery is low, the monitor display will turn off, and remain off, until the flash is fully charged. C The Flash Mode Setting The default flash mode setting varies with shooting mode (A 35).

- A (auto): U (auto) • Scene: varies with the selected scene mode (A 54-61) • F (smart portrait): U (auto) when Off is selected for Blink proof; fixed at W (off) when On is selected for Blink proof (A 66) • s (subject tracking): W (off) The flash cannot be used simultaneously with certain functions. See “Camera Settings that Cannot Be Applied Simultaneously” (A 49) for more information. The flash mode setting applied in A (auto) mode is saved in the camera’s memory even after the camera is turned off, and reapplied the next time A (auto) mode is selected. C Red-eye Reduction This camera uses advanced red-eye reduction (In-Camera Red-Eye Fix). Pre-flashes are fired repeatedly at low intensity before the main flash, reducing the red-eye effect.

Additionally, if the camera detects red eye while saving an image, the affected area will be processed to reduce red-eye before the image is saved. Note the followings when shooting. • Because pre-flashes are fired, there is a slight lag between when the shutter-release button is pressed and when the shutter is released. • More time than usual is required to save images. • Red-eye reduction may not produce the desired results in all situations.

- In extremely rare instances, areas not subject to red-eye may be affected by red-eye reduction processing; in these cases, choose another flash mode and try again. 31 Taking Pictures with the Self-timer The camera is equipped with a ten-second and two-second timer for self-portraits. This feature is useful for reducing the effects of camera shake that occurs when pressing the shutter-release button. When using the self-timer, use of a tripod is recommended. Set Vibration reduction (A 129) to Off in the setup menu (A 120) when using a tripod to stabilize the camera during shooting. 1 Basic Photography and Playback: A (Auto) Mode Press the multi selector n (self-timer). The self-timer menu is displayed. 2 Press the multi selector H or I to choose 10s or 2s and press the k button. 10s (ten seconds): Use on important occasions, such as weddings. 2s (two seconds): Use to prevent camera shake.

The mode selected for self-timer is displayed. Self-timer If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. 3 Frame the picture and press the shutter-release button halfway. Focus and exposure will be set. 10 1/250 F 2.7 4 Press the shutter-release button the rest of the way down.



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The self-timer starts, and the number of seconds remaining before the shutter is released is displayed in the monitor. The self-timer lamp blinks while the timer is counting down. About one second before the shutter is released, the lamp stops blinking and glows steadily. When the shutter is released, the self-timer will be set to OFF.

To stop the timer before a picture is taken, press the shutter-release button again. 9 1/250 F 2.7 32 Macro Mode Macro mode is used for taking pictures of objects as close as 2 cm (0.8 in.).

Note that the flash may be unable to light the entire subject at distances of less than 50 cm (1 ft. 8 in.). 1 2 Press the multi selector p (macro mode). The macro mode menu is displayed.

Press the multi selector H or I to choose ON and press the k button. The macro mode icon (F) is displayed. If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. Macro mode Basic Photography and Playback: A (Auto) Mode 3 Rotate the zoom control to frame the picture. The closest distance at which the camera can focus varies depending on the zoom position. When the zoom is at a position where F and the zoom indicator glow green (to the left of G), the camera can focus on subjects as close as 4 cm (1.6 in.) from the lens. When the zoom is fully zoomed out, the camera can focus on subjects as close as 2 cm (0.8 in.

) from the lens. C Autofocus When using A (auto) mode, if Autofocus mode (A 48) is set to Full-time AF, the camera focuses continuously until the shutter-release button is pressed halfway to lock the focus. Therefore, the sound of lens drive movement can be heard. When using other shooting modes, Full-time AF is turned on automatically when macro mode is turned on. C The Macro Mode Setting The macro mode setting applied in A (auto) mode is saved in the camera's memory even after the camera is turned off, and reapplied the next time A (auto) mode is selected. 33 Adjusting Brightness (Exposure Compensation) By adjusting exposure compensation when taking pictures, overall image brightness can be adjusted to make images brighter or darker. 1 2 Basic Photography and Playback: A (Auto) Mode Press the multi selector o (exposure compensation). The exposure compensation guide and histogram are displayed. Press the multi selector H or I to select a compensation value. To make the image brighter, apply positive (+) exposure compensation.

To make the image darker, apply negative (-) exposure compensation. Exposure compensation guide +0.3 0.0 Exposure compensation Histogram Exposure compensation value 3 Press the k button. If a setting is not applied by pressing the k button within a few seconds, the selection will be canceled. When an exposure compensation value other than 0.0 is applied, the value is displayed with the H indicator in the monitor. 4 Press the shutter-release button to take a picture. To exit without altering exposure, return to step 1, change the value to 0.0 and press the k button.

+0.3 9 C D Exposure Compensation Value The exposure compensation value applied in A (auto) mode is saved in the camera's memory even after the camera is turned off, and reapplied the next time A (auto) mode is selected. Using the Histogram 34 A histogram is a graph showing the distribution of tones in the image. Use as a guide when using exposure compensation and shooting without the flash. • The horizontal axis corresponds to pixel brightness, with dark tones to the left and bright tones to the right. The vertical axis shows the number of pixels. • Increasing exposure compensation shifts tone distribution to the right, and decreasing it shifts tone distribution to the left. More on Shooting Selecting a Shooting Mode The following shooting modes can be selected. A Auto mode A 22 Pictures can be taken with an automatic, "point-and-shoot" mode recommended for first-time users of digital cameras. Shooting settings such as continuous shooting can be applied from the shooting menu (A 36).

x Scene mode A 51 Camera settings are automatically optimized for the selected scene. In scene auto selector mode, the camera automatically selects the optimum scene mode for simpler shooting. F Smart portrait A 64 More on Shooting The camera detects human faces and then automatically releases the shutter when a smile is detected. The skin softening option can be used to make skin tones of human faces displayed smoothly. s Subject tracking Suited to focus and take pictures of moving subjects. A 67 I Press the A button in shooting mode. The shooting-mode selection menu is displayed. 2 Press the multi selector H or I to choose a shooting mode. When scene mode is selected (select the second icon from the top and press K), the type of scene can be changed. Press H, I, J, or K to choose a scene.

To return to the current shooting mode without switching shooting modes, press the A button or the shutter-release button. Auto mode 3 Press the k button. The camera enters the selected shooting mode. 35 Changing A (Auto) Mode Settings (Shooting Menu) The following options can be set when shooting in A (auto) mode (A 22). Image mode A 37 Choose the image mode (combination of image size and compression rate) at which images are saved.

This setting can be changed when using shooting modes other than A (auto) mode. White balance A 39 In order to make the colors in images appear as they do to the eye, set white balance to suit the light source. Metering Choose how the camera meters exposure. Continuous Change settings to Continuous or BSS (best shot selector). ISO sensitivity Control the camera's sensitivity to light.

Color options Apply color effects to images as they are saved. AF area mode Choose how the camera selects the focus area for autofocus. Autofocus mode Choose how the camera focuses. A 48 A 45 A 44 A 43 A 42 More on Shooting A 41 Displaying the Shooting Menu Enter A (auto) mode (A 35). Press the d button to display the shooting menu. Shooting menu Image mode White balance Metering Continuous ISO sensitivity Color options 9 Exit • Use the multi selector to choose and apply settings (A 9). • To exit the shooting menu, press the d button. B 36 Camera Settings that Cannot Be Applied Simultaneously Some functions cannot be enabled in conjunction with others (A 49). Changing A (Auto) Mode Settings (Shooting Menu) Image Mode (Image Quality/Image Size) A (auto) M d (Shooting menu) M Image mode Image mode refers to the combination of image size and image quality (compression) at which images are saved. Choose the image mode best suited to the manner in which images will be used and the capacity of the internal memory or memory card.

The higher the image mode setting, the larger the size at which it can be printed or displayed without appearing noticeably "grainy," but limiting the number of images that can be saved. Image mode H 4000 × 3000 P I 4000 × 3000 (default setting) R 3264 × 2448 L 2592 × 1944 M 2048 × 1536 N 1024 × 768 O 640 × 480 P 3968 × 2232 Size (pixels) 4000 × 3000 4000 × 3000 3264 × 2448 2592 × 1944 2048 × 1536 1024 × 768 640 × 480 3968 × 2232 Smaller size than I, R, or L allows more images to be saved.



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