



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX S4000. You'll find the answers to all your questions on the NIKON COOLPIX S4000 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 S4000
User guide NIKON COOLPIX S4000
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Nikon

DIGITAL CAMERA
COOLPIX S4000
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 Charging AC Adapter/AC adapter, be sure it is unplugged.

· Use only a Rechargeable Li-ion Battery EN-EL10 (supplied). Charge the battery inserting it into the camera and connecting the Charging AC Adapter EH-68P/EH68P (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. · Return the battery to the battery case for transportation. 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 power 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 DCto-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 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. 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 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.



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Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules. 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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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: <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 chargers, 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).

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Introduction Disposing of Data Storage Devices Please note that deleting images or formatting data storage devices such as memory cards or builtin camera memory does not completely erase the original image data. Deleted files can sometimes be recovered from discarded storage devices using commercially available software, potentially resulting in the malicious use of personal image data. Ensuring the privacy of such data is the user's responsibility. Before discarding a data storage device or transferring ownership to another person, erase all data using commercial deletion software, or format the device and then completely refill it with images containing no private information (for example, pictures of empty sky). Be sure to also replace any pictures selected for the welcome screen (A 140).

Care should be taken to avoid injury or damage to property when physically destroying data storage devices. 3 Parts of the Camera The Camera Body 1 Introduction 2 3 4 5 6 9 Lens cover closed 8 Zoom control....

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.....29 f: wide
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.....29 g: tele
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.....29 h: thumbnail playback.....

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.....77 i: playback zoom ...

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...79 Shutter-release button.....

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...30 Built-in flash.....

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.....42 Power switch/power-on lamp ...

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.. 24 Battery chamber.....

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.....16 Battery-chamber/ memory card slot cover

.....16, 24 Speaker

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.... 104, 123 USB/audio/video output connector .

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..124, 127, 133 10 Tripod socket 11 12 Connector cover ...

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.124, 127, 133 5 Basic Operations The A (Shooting Mode) Button · Press the A button in playback mode to enter shooting mode. · Press the A button in shooting mode to display the shooting-mode selection menu and switch shooting modes (A 46). Introduction The c (Playback) Button · Press the c button in shooting mode to enter playback mode. · Press the c button in playback mode to display the playback-mode selection menu and switch playback modes (A 80).



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· If the camera is turned off, hold down the c button to turn the camera on in playback mode. 6 Basic Operations 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. Introduction Press the shutter-release button halfway to set focus and exposure Press the shutter-release button the rest of the way down to take picture Attaching the Camera Strap 7 Operating the

Touch Panel The monitor on the COOLPIX S4000 is a touch panel display. Use a finger or the supplied stylus to operate the touch panel. Introduction Tapping Tap the touch panel. Use this operation to: Select icons or other controls Select pictures in thumbnail playback mode (A 77) Perform touch shutter (A 34), touch AF/AE (A 37), or subject tracking (A 40) operations Start/end recording movies (A 119) Dragging Drag your finger across the touch panel.

Use this operation to: Scroll through pictures in full-frame playback mode (A 32) Move the visible portion of a picture enlarged with playback zoom (A 79)

Use sliders to adjust exposure compensation (A 52) or other settings 8 Operating the Touch Panel Using the Stylus Use the stylus for operations, such as when using the paint option (A 107) or the draw option (A 69), that require more precision than using a finger is possible. Introduction Attaching the Stylus Attach the stylus to the strap as shown. B B Notes on the Touch Panel · Do not press on the touch panel with pointed objects other than the supplied stylus. ·

Do not apply unnecessary pressure to the touch panel. Notes on Tapping/Dragging · The camera may not respond if your finger is left in one place too long.

· The camera may not respond if the followings are made. - Bounce your finger off the display - Drag your finger over too short a distance - Stroke the display too lightly - Move your finger too quickly B Notes on the Touch Panel · Keep the stylus out of reach of small children. · Do not carry the camera by the stylus.

The stylus may slip off the strap and the camera may fall. 9 Main Display of the Monitor/Touch Panel and Basic Operations Shooting (Operation Controls) Tap the following controls to change settings. · The controls available and indicators displayed vary with information display on/off, shooting mode and the

current camera settings. Introduction 1 2 3 4 5 1 2 3 4 5 Flash mode

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. 42 Self-timer....

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. 44 Macro mode....

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..... 45 A Information display setting 6 Hue adjustment (in Food scene mode) .

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.....66 Touch shooting w Touch shutter

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..34 x Touch AF/AE...

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..37 y Subject tracking

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....40 a Touch AF/AE cancellation.....

.....37 F Menu.....

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.....14 6 7 7 C Information Display Setting Tap A to toggle the information display on and off in the following order.

Monitor displays with the information display on are used for explanation purposes in this manual. Information display on Framing grid Information display off 11 11 The view through the lens, operation controls, and shooting information are displayed. A framing grid (displayed only in A (auto) mode) to help frame pictures is displayed. 10 Main Display of the Monitor/Touch Panel and Basic Operations Shooting (Other Indicators) The following monitor display shows the current settings applied from the shooting menu (A 47) as well as the active focus area. · The indicators displayed vary with current camera settings and shooting mode.

Introduction 123 25 24 23 22 21 1 2 3 4 5 6 7 8 9 10 11 4 567 8 9 10 11 12 13 14 15 Start 16 999 20 19 18 17 14 999 9999 1 00 1 00 a b Shooting mode*

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..26, 59, 72, 119 Continuous shooting mode, BSS.....

..53 F Macro mode...

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45 Zoom indicator.....

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..... 29, 45 B Battery level indicator ..

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..... 26 s Motion detection.....

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..... 146 r Electronic VR icon .

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.. 145 Skin softening...

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..... 74 Smile timer...

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.. 141 Exposure compensation value
52 19 Subject tracking start indicator.....

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..40 Ez 20 ISO sensitivity.....

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43, 54 21 Focus area (subject tracking mode)....40 22 Focus area (touch AF/AE).....

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.....37 23 Focus area (face priority)..

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.30, 55 24 Focus area (center)....

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.....55 25 Focus area (auto)

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.....30, 55 * Indicators displayed vary with current shooting mode. 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 and indicators displayed vary with information display on/off, the picture played back and the current camera settings. Introduction 2
3 4 5 1 6 1 2 3 A Information display setting B Display previous picture.....

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... 32 X Volume

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.....104, 123 C Display subsequent picture.

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.... 32 4 5 6 D Editing (still pictures)

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.....81, 102, 103, 105 G Crop.

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.. 118 R Movie playback ...

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123 E Delete

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..33 F Menu.....

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.....14 C Information Display Setting Tap A to toggle the information display on and off in the following order. Monitor displays with the information display on are used for explanation purposes in this manual. Photo information on 15/05/2010 15:30 0004.JPG Information off 4 4 12 Picture, operation controls, and photo information are displayed.

*Main Display of the Monitor/Touch Panel and Basic Operations Playback (Information Display) The following monitor display shows information for the picture currently displayed. · The controls and indicators displayed vary depending upon the picture played back and the current camera settings.
Introduction 12 3 45 15/05/2010 15:30 0004 . J PG 6 7 999 999 10 9 8 1 2 3 4 5 Playback mode1*

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....32, 81, 88, 91 File number and type

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... 162 Date/time of recording.....

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.. 22 Protect icon.....

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... 100 B Battery level indicator ..

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26 w Print-order icon.....

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.. 94 g Skin softening icon...
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... 112 a *Quick retouch icon* ..

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..... 110 c *D-Lighting icon*.

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... 111 d *Paint icon*..

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107 b *Color options icon*

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..... 117 P *Stretch icon* ...

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..... 114 O *Perspective control icon* .

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... 115 p *Voice memo icon*

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.. 104 *Small picture icon*

..... 116 8 7 999 / 999 9999 / 9999 1 00 1 00 a b *Current frame number/ total number of frames* ...

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.32 b *Movie length*.....

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123 C *Internal memory indicator*

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..27 *Image mode*.....

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48 *Movie options*

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. 121 9 6 Album icon in favorite pictures mode2

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.....83 10 Category icon in auto sort mode2 ..

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..88 1 2 Indicators displayed vary with current playback mode. The icon for the selected album or category in auto sort mode currently selected in playback mode is displayed.



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13 Main Display of the Monitor/Touch Panel and Basic Operations The Menu Screen Tap F to display the menu for the selected mode.

· Tap a tab at the top of the menu screen to switch to the menu for that tab. · Tap H to exit the menu. Displayed when the menu contains two or more pages Display the setup menu Display the available menu in the current mode Display previous or subsequent page Display the help screen (A 15) Exit the menu and return to shooting or playback mode Introduction Image mode Exposure comp. ISO sensitivity White balance Continuous AF area mode Autofocus mode Autofocus mode Single AF Full-time AF Return to the previous screen Tap the menu item to proceed to the next set of options Tap the option to apply the selection 14 Main Display of the Monitor/Touch Panel and Basic Operations Help Display Tap the control when u is displayed in the monitor to display the help selection screen. Tap a menu item or option to view a description of that feature or setting.

Tap J to return to the previous screen. Introduction White balance Image mode Exposure comp. ISO sensitivity White balance Continuous AF area mode Image mode Exposure comp. ISO sensitivity White balance Continuous AF area mode For accurate color reproduction, choose a setting that matches the light source. 15 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 18). 1 First Steps Open the battery-chamber/memory card slot cover. 2 Insert the battery. Confirm that the positive (+) and negative (-) terminals are oriented correctly as shown on the label at the battery chamber opening, and insert the battery. Use the battery to push the orange battery latch up (1) as the battery is inserted (2).

When the battery is fully inserted, the battery latch will lock it in place. 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. 16 Inserting the Battery Removing the Battery Turn the camera off (A 21) and make 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 may become hot during use; observe due caution when removing the battery. 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 158), before using the battery. · If the battery is not used for an extended period, recharge it at least once every six months and run it flat before returning it to storage.

17 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 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 camera 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 outlet. The charge lamp slowly blinks green to indicate that the battery is charging. About two hours and ten minutes are required to charge a fully exhausted battery. The following chart explains charge lamp status when the camera is plugged into the electrical outlet. First Steps Charge lamp Blinks slowly (green) Off Battery charging. 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. 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 158), before use. · The Charging AC Adapter EH-68P can be used with AC power sources of 50/60 Hz and 100-240 V.

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 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 Note on AC Power Supply · If the AC Adapter EH-62D (available separately; A 160) 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-62D. Failure to observe this precaution could result in overheating or in damage to the camera.



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D Charging Using Computer or Battery Charger · Connecting the COOLPIX S4000 to a computer also charges the Rechargeable Li-ion Battery ENEL10 (A 126, 152).

· Rechargeable Li-ion Battery EN-EL10 can also be charged using the Battery Charger MH-63 (available separately; A 160). 20 Charging the Battery Turning On and Off the Camera To turn on the camera, press the power switch. The power-on lamp (green) will light for a moment and the monitor will turn on. To turn off the camera, press the power switch again. When the camera is turned off, both the power-on lamp and monitor will turn off. · If the camera is turned off, hold down the c button to turn the camera on in playback mode (A 33). First Steps C Power Saving Function (Auto Off) If no operations are performed for a while, the monitor will turn off automatically, 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. · If no operations are performed for about a minute (default setting) in shooting or playback mode, the camera will enter standby mode. · When the monitor has turned off in standby mode (the power-on lamp is blinking), press the following button to reactivate it.

Power switch, shutter-release button, A button, or c button · The time allowed to elapse from before the camera enters standby mode can be changed from the Auto off option (A 149) in the setup menu (A 138). 21 Setting Display Language, Date and Time A language-selection dialog is displayed the first time the camera is turned on. 1 First Steps Press the power switch to turn on the camera. The power-on lamp (green) will light for a moment and the monitor will turn on. 2 Tap the desired language. If the desired language is not displayed, tap A or B to view other language options. For more information about operating the touch panel, see "Operating the Touch Panel" (A 8). Language Cestina Deutsch Español Français Dansk English Indonesia . 3 Tap Yes. If No is tapped, the date and time will not be set.

Date Set time and date? Yes No 4 Tap C or D to select your home time zone (A 143) and tap I. London Casablanca D Daylight Saving Time If daylight saving time is in effect, tap p in the time zone selection screen displayed in step 4 to turn on the daylight saving time option. When the daylight saving time option is enabled, W is displayed at the top of the monitor. To turn off the daylight saving time option, tap p again. London Casablanca 22 Setting Display Language, Date and Time 5 Tap B or C to choose the order in which the day, month and year are displayed.

Date DMY 00 00 01 01 2010 First Steps 6 Edit the date and time. Tap the desired item and B or C to edit the highlighted item. Date DMY 00 00 01 01 2010 7 Tap I. The settings are applied and monitor display exits to shooting mode. Date DMY 14 30 15 05 2010 D Changing and Imprinting the Date and Time · Select Date from the Date item (A 141) in the setup menu (A 138) to change the current date and time and follow the procedure described in step 5 above. · Select Time zone from the Date item (A 141) in the setup menu to change the time zone and daylight saving time settings. · To imprint the date on pictures, enable date imprint from the Date imprint option (A 144) in the setup menu after the date and time have been set. 23 Inserting Memory Cards Image, sound, and movie files are stored in the camera's internal memory (approximately 45 MB) or on removable Secure Digital (SD) memory cards (available commercially; A 161). 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 correctly 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 to check that the memory card is in the correct orientation. Removing Memory Cards Before removing memory cards, turn the camera off and confirm 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. Do not attempt to remove the card at an angle (2). 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 Card is not formatted. the memory card. Be sure to make copies of any pictures you wish Format card? to keep before formatting the memory card. Tap Yes to format. When the confirmation dialog is displayed, tap Yes No 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 S4000 (A 150).

First Steps 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. 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 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.



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25 Basic Photography and Playback: A (Auto) Mode Step 1 Turn the Camera On and Select A (Auto) Mode This section describes how to take pictures in A (auto) mode, an automatic, "point-and-shoot" mode recommended for first-time users of digital cameras. 1 Press the power switch to turn on the camera. The power-on lamp (green) will light for a moment and the monitor will turn on.

The lens will also extend. Proceed to step 4 when A is displayed. 2 Press the A button to display the shooting-mode selection menu. Basic Photography and Playback: A (Auto) Mode 3 Tap A in the monitor. The camera enters A (auto) mode. Auto mode 4 Check the battery level and the number of exposures remaining. 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 11 Number of exposures remaining 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 49). 26 Step 1 Turn the Camera On and Select A (Auto) Mode Indicators Displayed in A (Auto) Mode Shooting mode A displayed in A (auto) mode. Motion detection icon The effects of subject movement and camera shake are reduced.

11 Basic Photography and Playback: A (Auto) Mode Internal memory indicator Indicates that images will be stored in the camera's internal memory (approximately 45 MB). When a memory card is inserted in the camera, C does not appear and images will be stored on the memory card. Image mode The combination of image quality (compression) and image size is displayed. The default setting is M 4000×3000. · Tap A to change the information displayed in the monitor (A 10).

· When the monitor has turned off in standby mode to save power, press the following button to reactivate it (A 149). - Power switch, the shutter-release button, or A button B D Note on Touch Shutter At the default setting, the shutter can be released by simply tapping a subject in the monitor (A 34). Take care that you do not release the shutter accidentally. Functions Available in A (Auto) Mode · The touch shutter (A 34), touch AF/AE (A 37), or subject tracking (A 40) function can be enabled. · The flash mode (A 42) can be adjusted, the self-timer (A 44) and macro mode (A 45) can be applied. · Tapping F to specify settings for all shooting menu items (A 47) according to the shooting conditions. D D Motion Detection Electronic Vibration Reduction See Motion detection (A 146) in the setup menu (A 138) for more information. When the flash mode (A 42) is set to W (off) or Y (slow sync) with Electronic VR (A 145) in the setup menu set to Auto, the r icon may be displayed in the monitor. When r is displayed, the effects of camera shake may be pronounced under the current shooting conditions. In these situations, the camera reduces the effects of camera shake in pictures before recording them.

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, microphone, and speaker. When taking pictures in portrait ("tall") orientation, turn the camera so that the built-in flash is above the lens. Basic Photography and Playback: A (Auto) Mode 2 Frame the picture. At the default settings, a face recognized by the camera will be framed by a yellow double border (focus area). 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. 11 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. 28 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. A zoom indicator is displayed at the top of the monitor when the zoom control is rotated. Basic Photography and Playback: A (Auto) Mode Zoom out Zoom in Optical zoom Digital 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. 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.

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 according to the image mode (A 48) and digital zoom magnification. Interpolation is applied at zoom positions beyond V when taking still pictures. 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 148) in the setup menu (A 138).

29 Step 3 Focus and Shoot 1 Press the shutter-release button halfway. Focus is locked when the shutter-release button is pressed halfway. When a face is recognized, it is framed by the double border indicating the active focus area. When the subject is in focus, the double border turns green. Basic Photography and Playback: A (Auto) Mode 1 250 F3.2 Aperture Shutter speed When a face is not recognized, camera automatically selects the focus area (up to nine areas) containing the subject closest to the camera. When the subject is in focus, the active focus area glows green. 1 250 F3.2 Aperture Shutter speed 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.

When the shutter-release button is pressed halfway, the shutter speed and aperture value are also displayed. Focus and exposure remain locked while the shutter-release button is pressed halfway. 1 125 F5.9 Focus indicator 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. 2 Press the shutter-release button the rest of the way down.



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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 39).

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: A (Auto) Mode B C Note on Face Priority Touch Shutter See AF area mode (A 55) or Face priority (A 56) for more information. At the default setting, the shutter can be released by simply tapping a subject in the monitor (A 34) rather than by pressing the shutter-release button. The Touch shutter option can be changed to the Touch AF/AE option, with which the camera locks focus and exposure without releasing the shutter, when a subject is tapped (A 37). C Blink Warning screen When the camera detects that portrait subjects may have blinked when a picture was taken in face priority mode with d Blink warning set to On, the blink warning screen (A 153) is displayed in the monitor. D AF-assist

Illuminator and Flash If the subject is poorly lit, the AF-assist illuminator (A 147) may light when the shutter-release button is pressed halfway, or the flash (A 42) 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) Press the c (playback) button 15/05/2010 15:30 0004.JPG 4 4 Basic Photography and Playback: A (Auto) Mode A (shooting mode) button c (playback) button Internal memory indicator The last picture taken will be displayed in full-frame playback mode. Drag the current picture left or right to display the previous or subsequent picture. Previous or subsequent pictures can also be viewed by tapping B or C.

Drag your finger quickly across half of the monitor or more to skip past the previous or subsequent five pictures. Tap the monitor to stop at a picture as it slides past. Display the previous picture Display the subsequent picture 15/05/2010 15:30 0004.JPG 15/05/2010 15:30 0004.JPG 4 4 4 Pictures may be displayed briefly at low resolution while being read from the memory card or internal memory. Press the A button or the shutter-release button to switch to shooting mode. When playing back pictures stored in the camera's internal memory, C is displayed. When a memory card is inserted in the camera, C is not displayed and images stored on the memory card are played back. Tap A to toggle displayed operation controls and information display on and off (A 12). 32

Step 4 Playing Back and Deleting Pictures Deleting Pictures 1 Tap E to delete the picture currently displayed in the monitor.

15/05/2010 15:30 0004.JPG 4 4 Basic Photography and Playback: A (Auto) Mode 2 Tap Yes. Deleted pictures cannot be recovered. To exit without deleting the picture, tap No. Erase 1 image? Yes No C C Operations Available in Playback Mode Pressing the c Button to Turn On the Camera See "More on Playback" (A 75) or "Editing Pictures" (A 105) for more information.

When the camera is off, holding down the c button will turn the camera on in playback mode. The lens will not extend. Viewing Pictures · When pictures in which a face was recognized during shooting (A 56) are displayed in full-frame playback mode, depending upon the orientation of the recognized face, the pictures may be automatically rotated for playback display (excluding pictures that were shot using Continuous, BSS and Multi-shot 16; A 53). · When the monitor has turned off in standby mode to save power, press the following button to reactivate it (A 149). - The power switch, shutter-release button, or c button D Deleting Multiple Pictures Multiple pictures can be deleted from the Delete option (A 98) in the playback menu (A 93), the favorite pictures menu (A 85), the auto sort menu (A 90), or the list by date menu (A 92).

33 Tapping the Monitor to Release the Shutter (Touch Shutter) Pictures can be taken by simply tapping the monitor. · When w (default setting) is displayed for the touch shooting indicator, proceed to step 3. 11 1 Basic Photography and Playback: A (Auto) Mode Tap the touch shooting icon. The touch shooting menu is displayed in the monitor. 11 2 Tap r (Touch shutter). w is displayed at right in the monitor in shooting mode. Touch shutter 3 Tap the desired subject to take a picture. Do not use force when tapping the monitor as this may cause slight movement of the camera, resulting in blurred pictures. When digital zoom is in effect, the camera focuses at the center of the frame. The shutter-release button can also be used when the touch shutter option is selected.

If X is displayed when the monitor is tapped, the shutter cannot be released. Tap an area within X or a border displayed when the camera recognizes a face. 11 11 34 Tapping the Monitor to Release the Shutter (Touch Shutter) B Notes on Touch Shutter · When taking pictures with Continuous or BSS in Continuous setting (A 53) enabled, or in Sports or Museum scene mode (A 59), use the shutter-release button to take pictures. Only one picture can be taken at a time using the touch shutter function. · Prevent shooting with accidental tapping of the monitor in A (auto) mode and some scene modes by changing the touch shooting setting to Touch AF/AE (A 37). At this setting, the shutter is not released when the monitor is tapped. · In some rare cases, shooting subjects with which autofocus may not perform as expected, the subject may not be in focus (A 31). · When a subject displayed in the monitor is tapped with the self-timer (A 44) enabled, the camera locks focus and releases the shutter after ten or two seconds.



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Basic Photography and Playback: A (Auto) Mode C Shooting Modes That Support Touch Shutter Touch shutter can be enabled in shooting modes other than A (auto) mode as well. Touch shutter operation differs according to the current shooting mode as follows.

Shooting mode A (auto) mode (A 26), Sports, Party/indoor, Beach/snow, Close-up, Food, Museum, Copy, and Backlight scene modes (A 59) Scene auto selector scene mode (A 59) and smart portrait mode (when Smile timer is set to Off; A 72) Touch shutter operation Tap the intended subject. Focus and exposure are set for the area tapped. When the camera recognizes more than one face, tap a face framed by a single border to set focus and exposure for that face. · When the camera recognizes a face, focus and exposure are set for the area framed by the double border. When the camera recognizes more than one face, tap a face framed by a single border to set focus and exposure for that face.

· When no face is recognized, the camera focuses at the area tapped. Only a border displayed by the face priority function can be selected. When the camera recognizes more than one face, tap a face framed by a single border to set focus and exposure for that face. Focus and exposure are set for the same focus area used when pictures are taken by pressing the shutter-release button. See "Selecting a Scene Mode to Take Pictures (Features)" (A 62) for more information.

Touch shutter cannot be enabled. When the camera recognizes more than one face, tap a face framed by a single border to move the focus area to that face. Portrait and Night portrait scene modes (A 59) Landscape, Sunset, Dusk/dawn, Night landscape, Fireworks show, and Panorama assist scene modes (A 59) Smart portrait mode (when Smile timer set to On; A 72) 35 Tapping the Monitor to Release the Shutter (Touch Shutter) C C Touch Shutter Function When Recording Movies Touch shutter is also available for movie recording. Movie recording can be initiated or stopped by tapping the monitor (A 119). Touch Shooting Setting The touch shooting setting applied in A (auto) mode is stored in the camera's memory even after the camera is turned off, and reapplied the next time A (auto) mode is selected. Basic Photography and Playback: A (Auto) Mode 36 Tapping the Monitor to Focus (Touch AF/AE) The touch shooting setting can be changed from Touch shutter (default setting) to Touch AF/AE. Tap a subject in the monitor to select the area at which the camera focuses. Press the shutter-release button halfway to lock focus and exposure for the area tapped, and press the shutter-release button the rest of the way down to take the picture. 1 Tap the touch shooting control. The menu of the touch shooting setting is displayed in the monitor.

Basic Photography and Playback: A (Auto) Mode 11 2 Tap s (Touch AF/AE). x is displayed at right in the monitor in shooting mode. Touch shutter 3 Tap the subject at which the camera focuses. u or a double border will be displayed at the area tapped. When digital zoom is applied, the focus area cannot be selected. To disable the focus area selection, tap a displayed at right in the monitor. If a position at which focus cannot be acquired is tapped, X will be displayed in the monitor. Tap another position inside X. 11 11 4 Press the shutter-release button to take a picture. Press the shutter-release button halfway to acquire focus and exposure and press it all the way down to release the shutter.

37 Tapping the Monitor to Focus (Touch AF/AE) B C Note on Touch AF/AE In some rare cases, shooting subjects with which autofocus may not perform as expected, the subject may not be in focus (A 31). Shooting Modes That Enable Touch AF/AE Function Touch AF/AE can be enabled in shooting modes other than A (auto) mode as well. Touch AF/AE operation differs according to the current shooting mode as follows. Shooting mode A (auto) mode (A 26), Sports, Party/indoor, Beach/snow, Close-up, Food, Museum, Copy, and Backlight scene modes (A 59) Scene auto selector scene mode (A 59) and smart portrait mode (when Smile timer is set to Off; A 72) Portrait and Night portrait scene modes (A 59), smart portrait mode (when Smile timer is set to On; A 72) Landscape, Sunset, Dusk/dawn, Night landscape, Fireworks show, and Panorama assist scene modes (A 59) Basic Photography and Playback: A (Auto) Mode Touch AF/AE operation Focus and exposure are set for the area tapped. · When the camera recognizes a face, only a face framed by a border can be selected. When the camera recognizes more than one face, tap a face framed by a single border to move the focus area to that face. · When no face is recognized, the camera focuses at the area tapped. Only a border displayed by the face priority function can be selected. When the camera recognizes more than one face, tap a face framed by a single border to move the focus area to that face. Focus area cannot be changed.

C Touch Shooting Setting The touch shooting setting applied in A (auto) mode is stored in the camera's memory even after the camera is turned off, and reapplied the next time A (auto) mode is selected. 38 Tapping the Monitor to Focus (Touch AF/AE) D Taking Pictures of Subjects with Which Autofocus may not Perform as Expected When taking pictures of subjects with which autofocus may not perform as expected (A 31), try pressing the shutter-release button halfway to refocus several times, or try the following techniques. 1 Switch to A (auto) mode and select Touch AF/AE for the touch shooting setting. · x is displayed at right in the monitor in shooting mode. Touch shutter 2 Tap another subject that is as far from the camera as the desired subject. Basic Photography and Playback: A (Auto) Mode 11 3 Press the shutter-release button halfway. · Confirm that the focus area glows green. · Exposure is locked for the subject on which focus is acquired when the shutter-release button is pressed halfway. 1/250 F3.2 4 Continue holding down the shutter-release button halfway and recompose the picture.

· Be sure to maintain the same distance between the camera and the subject while the shutter-release button is pressed halfway. 1/250 F3.2 5 Press the shutter-release button the rest of the way down to take the picture. 39 Focusing on a Moving Subject (Subject Tracking) In A (auto) mode (A 26), the touch shooting setting can be changed from Touch shutter (default setting) to Subject tracking. Use this option to take pictures of moving subjects. Tap the subject on which the camera will focus. The focus area will automatically move to track the subject. 1 Basic Photography and Playback: A (Auto) Mode Tap the touch shooting control. The menu of the touch shooting setting is displayed in the monitor. 11 2 Tap s (Subject tracking). y is displayed at right in the monitor in shooting mode.



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