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You can read the recommendations in the user guide, the technical guide or the installation guide for NIKON COOLPIX L16. You'll find the answers to all your questions on the NIKON COOLPIX L16 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 L16
User guide NIKON COOLPIX L16
Operating instructions NIKON COOLPIX L16
Instructions for use NIKON COOLPIX L16
Instruction manual NIKON COOLPIX L16

Nikon

DIGITAL CAMERA

COOLPIX L18/L16

User's Manual



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Manual abstract:

· PictBridge is a trademark. @@Keep these safety instructions where all those who use the product will read them. The consequences that could result from failure to observe the precautions listed in this section are indicated by the following symbol: 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 batteries 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 product's internal parts could result in injury. Repairs should be performed only by qualified technicians. Should the camera break open as the result of a fall or other accident, take the product to a Nikonauthorized service representative for inspection after unplugging the product and/or removing the batteries. 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 batteries or other small parts into their mouths. ii For Your Safety Observe caution when handling batteries Batteries may leak or explode if improperly handled. Observe the following precautions when handling batteries for use in this product: · Before replacing the batteries, turn the product off. If you are using an AC adapter, be sure it is unplugged.

· Use only the batteries approved for use in this product (A 12). Do not combine old and new batteries or batteries of different makes or types. · If Nikon rechargeable EN-MH1 NiMH batteries are purchased separately, charge and use each of them as a set. Do not combine batteries from different pairs. · Insert batteries in the correct orientation.

· Do not short or disassemble batteries or attempt to remove or break battery insulation or casing. · Do not expose batteries to flame or to excessive heat. · Do not immerse in or expose to water. · Do not transport or store with metal objects such as necklaces or hairpins. · Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove the batteries when no charge remains. · Discontinue use immediately should you notice any change in the batteries, such as discoloration or deformation. · If liquid from damaged batteries comes in contact with clothing or skin, rinse immediately with plenty of water. Observe the following precautions when handling the Battery Charger MH-71 (available separately) 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 power cable or go near the battery charger 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 flame. Should the insulation be damaged and the wires become exposed, take it to a Nikonauthorized service representative for inspection. Failure to observe these precautions could result in fire or electric shock. Do not handle the plug or battery charger with wet hands. Failure to observe this precaution could result in electric shock. 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 (39 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. iv Notices Notice for customers in the U.S.

A. FCC RF Interference Statement This equipment was tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna. · Increase the separation between the equipment and receiver. · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. · Consult the dealer or an experienced radio/television technician for help. CAUTIONS Modifications The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

Interface Cables Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules. 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 COOLPIX L18/L16 v Notices Notice for customers in Canada CAUTION This Class B digital apparatus complies with Canadian ICES-003.



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*ATTENTION Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Symbol for Separate Collection in European Countries
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. vi Table of Contents For Your Safety

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.....ii WARNINGS.....

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.... ii Notices.

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.....
.....
.....6 Basic Operations.

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.....

.....
.....
.....

.....
.....
..... 8 The Shooting Mode Button

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....8 The c (Playback) Button...

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.....
.....

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.11 Attaching the Camera Strap ...

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..11 Shutter-release Button ...

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11 First Steps

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. 12 Insert the Batteries.....

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.....

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.....
.....

.....12 Supported Batteries ..

.....
.....
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.....
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.....

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.....
.....

..12 Turning On and Off the Camera...

.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....

.....
.....
.....

12 Setting Display Language, Date and Time

.....
.....

.....
.....
.....

.....
.....
.....

.14 Inserting Memory Cards

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....16 Removing Memory Cards...

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

....17 G Basic Photography and Playback: Easy Auto Mode

.....
.....
.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....56 Printing Multiple Pictures .

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....57 Creating a DPOF Print Order: Print Set....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....60 d Shooting, Playback and Setup Menus

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.. 62 Shooting Options: The Shooting Menu

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....

...62 Displaying the Shooting Menu.

.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....

...62 A Image Mode .

.....

.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....

..63 B White Balance...

.....

.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....

.....69 Playback Options: The Playback Menu

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....

...70 Displaying the Playback Menu.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....

....70 b Slide Show.

.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....

.....

.....75 a *Menus* ...

.....
.....
.....

.....

.....
.....
.....

.....

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.....
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.....
.....
.....

.....

.....
.....
.....

.....

.....

....76 c *Welcome Screen.*

.....

.....

.....
.....
.....

.....

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.....

.....

.....
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.....

.....

.....
.....
.....

.....76 d *Date..*

.....
.....
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.....

.....
.....
.....

.....

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.....

.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
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.....77 e Monitor Settings

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

...80 f Date Imprint..

.....
.....
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.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

..81 U Anti-shake AE..

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....

.86 o Video mode.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.86 p Reset All

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....87 s Battery type.

.....
.....
.....

.....
.....
.....

.....
.....
.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....89 d Protect .

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.....

.....

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.....

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...89 h Copy ..

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.....95 Storage .

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.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....

.....95 Error Messages....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

.....

96 Troubleshooting.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.99 Specifications

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

... 104 Supported Standards

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.. 107 Index

.....

.....

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Do not use this product for the purpose of making illegal copies or to infringe copyright laws. 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 76). 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 COOLPIX L18 is taken for this manual to explain the operations. 1 11 23 4 5 Lens cover closed Introduction 6 12 7 13 10 9 8 1 2 3 4 5 6 7 Shutter-release button..

.....
.....
.....
.....22 Power-on lamp ..

.....
.....
.....
.....
.....
.....12 Power switch.

.....
.....
.....
.....
.....
.....18 Built-in flash.....

.....
.....
.....
.....
.....
.....26 Speaker.

.....
.....
.....
.....
.....
.....
.....
.....

...48 Self-timer lamp.....

.....
.....
.....
.....

..28, 94 AF-assist illuminator...

.....
... 23, 33, 83, 94 Lens

.....
.....
.....

.....
.....
.....

...93, 104 8 9 Built-in microphone.....

.....
.....
.....

46 Power connector cover for optional AC adapter.....

.....
.....
.....

.....91 10 Eyelet for camera strap....

.....
.....
.....

.....11 11 Connector cover....

.....
.....
.....

...49, 51, 55 12 Cable connector.....

.....
.....
.....

..49, 51, 55 13 Lens cover

.....
.....
.....

.....
.....
.....

.....93 4 Parts of the Camera 1 2 3 4 5 6 7 8 9 10 Introduction 11 12 13 1 2 3 4 5 Monitor .

.....
.....
.....

.....
.....
.....

....6 Shooting mode button....

.....
.....
.....

.....8 c (playback) button...

.....
.....
.....

.....
..8 Flash lamp..

.....
.....

.....
.....
.....

.....
27 Multi selector.....

.....
.....
.....
.....

....9 Zoom buttons

.....
.....
.....

.....
.....
.....

..20 f : Zoom out

.....
.....
.....
.....

.....20 g : Zoom in.....

.....
.....
.....

.....
.....
.....

..20 h : Thumbnail playback.....

.....
..40 i : Playback zoom...

.....
.....

.....
....41 j : Help .

.....
.....
.....
.....

.....11 7 8 9 10 d button .

.....
.....
.....

.....10, 47, 62, 70 k (apply selection) button.

.....
.....
.....

. 9 1 (delete) button.....

.....
.....

.....24, 25, 48 Battery-chamber/ memory card slot cover....

.....
.....

.12, 16 11 Tripod socket 12 SD card slot....

.....
.....
.....
.....

.16 13 Battery-chamber....

.....
.....
.....
.....

.....12 6 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). They will display only for a few seconds (A 80). Introduction Shooting 2 4 3 7 8 9 20 19 18 5 6 1 23 22 21 10 10 +1.0 11 1/60 17 F2.8 999 999 a 9999 59m59s 59m59 59 59s b 9h59m59s 9h59 59s 59m59 14 13 12 16 Shooting mode1 .

.....
.....

....18, 31, 32, 46 Macro mode.

.....
.....
.....
.....

. 29 Zoom indicator....

.....
.....
.....

.... 20, 29 Focus indicator .

.....
.....
.....
.....

..... 22 Exposure Lock

.....
.....
.....
.....

... 39 Flash mode.....

.....

.....
.....
.....

... 26 Battery level indicator..
.....

.....
.....
.....

18 Anti-shake AE icon.....

.....
.....
.....

..... 82 "Date not set" indicator .

.....
.....
.....

..... 96 9 Time zone indicator...

.....
.....
.....
.....

... 77 10 Date imprint

.....
.....
.....

.....
.....
.....

..... 81 Image mode2

.....
.....
.....
.....

63 11 Movie options

.....
.....
.....

.....
.....
.....

... 47 1 2 3 4 5 6 7 8 15 12 6 1 2 a Number of exposures remaining (still pictures)18 b Movie length...

.....
.....
.....

.....
.....
.....

...46 13 Internal memory indicator.....

.....
.....
.....

19 14 Aperture

.....

.....

.....

.....

.....

.....

.....

.22 15 Focus area....

.....

.....

.....

.....

.....

.....20, 22 16 Focus area (Face Priority).....

.....

.....

..20, 22 17 Shutter speed

.....

.....

.....

.....

.22 18 ISO sensitivity

.....

.....

.....

.....

.....

.....

.27 19 Exposure compensation value

...30 20 Self-timer indicator..

.....

.....

.....

.....

.....

.28 21 Color options

.....

.....

.....

.....

.68 22 White balance mode....

.....

.....

.....

.....

65 23 Continuous shooting mode.....

.....

...67 Differs according to the current shooting mode. Refer to the sections on each mode for details. z and y are displayed on L18, and M and d are displayed on L16. Parts of the Camera Introduction Playback 1 13 12 10 11 2 3 4 15/05/2008 12:00 9999.JPG 999 999 9 8 7 5 6 999 999 a 9999 9999 59m59s 59m59 59 59s b 9h59m59s 9h59 59s 59m59 1 2 3 4 5 6 Date of recording...

.....

.....

...60 10 Small picture.....

.....
.....
.....

.....45 11 D-Lighting icon.....

.....
.....
.....
.....

.....43 12 Protect icon.....

.....
.....
.....
.....
.....

.....89 13 File number and type

.....
.....
.....

.....92 7 Basic Operations The Shooting Mode Button · Press the shooting mode button in playback mode to enter shooting mode. · Press the shooting mode button in shooting mode to display the shooting-mode selection menu. Introduction Easy auto mode The Shooting-mode Selection Menu In the shooting-mode selection menu, use the multi selector to select the shooting mode.

G Easy auto mode (A 18) D Movie (A 46) C Scene (A 32) A Auto mode (A 31) · The shooting-mode selection menu is continuously displayed until you select the shooting mode and press k to determine the mode, or you press the shooting mode button again. · To return to the shooting mode while the shooting-mode selection menu is displayed, press the shooting mode button again. The c (Playback) Button · Press c in shooting mode to enter playback mode. 8 Basic Operations The Multi Selector This section describes standard uses of the multi selector to select modes, select menu options and to apply selection.

Introduction For Shooting Display m (flash mode) (A 26) menu or move cursor up.

Display n (self-timer) (A 28) menu. Display o (exposure compensation) (A 30) menu. Apply selection. Display p (macro mode) (A 29) menu or move cursor down. Flash mode For the Playback Mode 15/05/2008 15:30 0004.

JPG Display the previous picture. Display the next picture. 4 4 For the Menu Screen Move cursor up.



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Return to the previous screen. Move cursor down. Apply selection (Go to the next screen). Go to the next screen (Apply selection). Auto mode Image mode White balance Continuous Color options Set up Exit C Notes on the Multi Selector Multiple operations are available with the multi selector but no detailed operation is described here. In the manual, the button indicating up, down, left and right of the multi selector is shown as H, I, J and K. 9 Basic Operations The d Button Press d to display the menu for the selected mode.

Use the multi selector to navigate the menus (A 9). To exit the menu display, press d again. Auto mode Image mode White balance Continuous Color options Set up Exit Introduction The selected option Displayed when the menu contains two or more pages Displayed when there are more previous menu items Set up Date imprint Anti-shake AE AF assist Sound settings Auto off Exit AF assist Auto Off Displayed when there are one or more menu items to follow Press the multi selector K or k to proceed to the next set of options. Exit Press the multi selector K or k to apply selection. 10 Basic Operations Help Displays Press g (j) when M is displayed at the lower right of the menu screen to view a description of the currently selected menu option. To return to the original menu, press g (j) again. Continuous Choose single frame, continuous mode, BSS (camera chooses sharpest shot in series), or multi-shot 16. Exit Back Introduction Attaching the Camera Strap 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. 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. 11 First Steps Insert the Batteries 1 Open the battery-chamber/memory card slot cover. · Hold the camera upside down to prevent the batteries from falling out. 1 3 2 2 Insert the batteries. · Insert the batteries correctly as shown at right. First Steps 3 Close the battery-chamber/memory card slot cover. 2 1 Supported Batteries This camera uses the following size AA batteries. · Two LR6 alkaline batteries (batteries supplied) · Two FR6/L91 lithium batteries · Two ZR6 oxyride batteries · Two Nikon EN-MH1 rechargeable nickel-metal hydride batteries (available separately) 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 turns off, both the power-on lamp and monitor will turn off. 12 Insert the Batteries B B Replacing Batteries Turn the camera off and make sure that the power-on lamp and the monitor have gone out before opening the battery-chamber/memory card slot cover. Additional Precautions Regarding Batteries · Read and follow the warnings and cautions (A iii, 94). · Do not combine old and new batteries or batteries of different makes or types. · Batteries with the following defects cannot be used: First Steps Batteries with peeling Batteries with insulation that does not cover the area around the negative terminal. Batteries with a flat negative terminal B Battery Type To improve battery performance, select the type of battery currently inserted in the camera in the setup menu. The default setting is the type of battery supplied with purchase.

If your camera was purchased in Europe and alkaline batteries were supplied, change the setting to Alkaline. When any other type of battery is used, turn the camera on and change the setting (A 89). C C Alkaline Batteries Performance of alkaline batteries may vary greatly depending on the manufacturer. Choose a reliable brand. Alternative Power Resources To power the camera continuously for extended periods, use an EH-65A AC adapter (available separately) (A 91). Do not, under any circumstances, use another make or model of AC adapter. Failure to observe this precaution could result in overheating or in damage to the camera. D Power Saving Function in Shooting Mode If no operations are performed for about five seconds, the monitor will dim to save power. Using any of the camera controls will reactivate the display. The monitor turns off if no operations are performed for thirty seconds (default setting). The camera enters standby mode. After a further three minutes, the camera will turn off automatically (A 84). 13 Setting Display Language, Date and Time A language-selection dialog and date menu are displayed the first time the camera is turned on. 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. First Steps 2 Use the multi selector to choose the desired language and press k. For information on using the multi selector, see "The Multi Selector" (A 9). 3 Choose Yes and press k. If No is selected, the date and time will not be set. Proceed to step 8. Date Set time and date? No Yes 4 Press k. The home time zone menu is displayed. Time zone London,Casablanca Daylight saving 5 Select your home time zone (A 79) and press k. The date menu is displayed. Home time zone D London,Casablanca Back Daylight Saving Time 14 If daylight saving time is in effect, turn on Daylight saving in the time zone menu in Step 4 and set the date. 1 Before pressing K, press the multi selector I to choose Daylight saving. 2 Press k to enable daylight saving time (w). Pressing k toggles the daylight saving time option on and off. 3 Press the multi selector H, and then press K to proceed to step 5. Setting Display Language, Date and Time 6 Change the date and time.

· Press H or I to edit the highlighted item. · Press the multi selector J or K to change the highlighted item. The highlight moves in the order of day (D), month (M) and year (Y) or vice versa (the order of highlight movement may differ in some areas). After editing the minutes, press the multi selector K. The row for setting the order in which the date is displayed will blink. Date D M Y 01 00 01 00 2008 First Steps 7 Choose the order in which the day, month, and year are displayed and press k or K. The settings are applied. Date D M Y 15 15 05 30 2008 8 Press the shooting mode button to exit the screen. The shooting-mode selection menu will be displayed. Press this button in shooting mode for shooting-mode selection menu.



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9 When Easy auto mode is displayed, press k. The camera enters the shooting mode and you can take pictures in Easy auto mode (A 18). Press the multi selector H or I before k button, to switch to another shooting mode. See "Shooting in the Auto Mode" (A 31), "Shooting in the Scene Mode" (A 32), "Recording Movies" (A 46) for more information. Easy auto mode D Change the selected date and time To change the date and time, select Date from Date (A 77) in the setup menu (A 74) and perform step 6 & 7 above.

To change the time zone and the daylight saving settings, select Time zone from Date in the setup menu (A 77, 78). 15 Inserting Memory Cards Pictures are stored in the camera's internal memory (21 MB) or on removable Secure Digital (SD) memory cards (available separately) (A 91). If a memory card is inserted in the camera, pictures are automatically stored on the memory card and pictures recorded to the memory card can be played back, deleted or transferred. Remove the memory card to store pictures in the internal memory, or play back, delete or transfer pictures from the internal memory. 1 First Steps Turn the camera off and open the battery chamber/memory card slot cover.

Make sure that the camera is off (the power-on lamp and the monitor are off) before opening the battery chamber/memory card slot cover. Hold the camera upside down to prevent the batteries from falling out. 1 3 2 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. Make sure that the memory card is correctly oriented. 16 Inserting Memory Cards Removing Memory Cards Before removing memory cards, turn the camera off and confirm that the power-on lamp and the monitor are off. Open the battery-chamber/memory card slot cover and press the card in 1 to partially eject the card 2. The card can then be removed by hand.

1 2 First Steps B Formatting Memory Cards If the message at right is displayed, the memory card must be Card is not formatted. formatted before use (A 85). Note that formatting permanently Format card? deletes all pictures and other data on the memory card. Be sure to make copies of any pictures you wish to keep before formatting the No memory card. Yes Use the multi selector to choose Yes and press k. A confirmation dialog is displayed. To start formatting, choose Format and press k. Do not turn the camera off or open the battery-chamber/memory card slot cover until formatting is complete. The first time you insert the memory cards used in other devices into the COOLPIX L18/ COOLPIX L16, be sure to format them (A 85). B The Write Protect Switch Write protect switch Memory cards are equipped with a write protect switch.

Pictures cannot be recorded or deleted and the memory card cannot be formatted when this switch is in the "lock" position. Unlock by sliding the switch to the "write" position. 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: - Eject the memory card - Remove the battery - Turn off the camera - Disconnect the AC adapter Do not disassemble or modify. Do not drop, bend, or expose to water or strong physical shocks. 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 to corrosive gases.

17 Basic Photography and Playback: Easy Auto Mode Step 1 Turn the Camera On and Select G (Easy Auto) Mode This section describes how to take pictures in G (easy 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. In this step, the lens will also open. Proceed to step 4 when U is displayed. 2 Basic Photography and Playback: Easy Auto Mode Press the shooting mode button. The shooting-mode selection menu will be displayed. 3 Press the multi selector H or I to choose G and press k. The camera enters G (easy auto) mode. Easy auto mode 4 Check the battery level and number of exposures remaining.

Battery Level Monitor NO INDICATOR B N Battery exhausted. Description Batteries fully charged. Batteries low; prepare to replace batteries. Cannot take pictures. Replace batteries. Battery level indicator 7 Number of exposures remaining Number of Exposures Remaining The number of pictures that can be stored will be displayed. The number of pictures that can be stored depends on the capacity of the memory or memory card and image mode setting (A 64). 18 Step 1 Turn the Camera On and Select G (Easy Auto) Mode Indicators Displayed in G (Easy Auto) Mode The information on indicators in the monitor during shooting and playback will display only for a few seconds (A 80). Internal memory indicator Pictures will be recorded to internal memory (21 MB). When memory card is inserted, C is not displayed and pictures will be recorded to memory card.

Basic Photography and Playback: Easy Auto Mode Shooting mode U displayed in easy auto mode. Anti-shake AE icon Reduce the blurring caused by camera or subject shake. 7 Image mode Display image size and quality set in the image mode menu. In easy auto mode, settings are fixed as follows: L18: y Normal (3264×2448) L16: d Normal (3072×2304) D Easy auto mode If you direct the camera to the human face (front side), the camera automatically recognizes the face and focuses on the face so that you can take pictures in Face Priority. In this mode, the camera automatically activates the D-lighting (A 43) which brightens the darker portion of the subjects in taking pictures and records the images.

D Available Functions in G (Easy Auto) Mode In G (easy auto) mode, macro mode (A 29) and exposure compensation (A 30) can be applied and pictures can be taken using the flash mode (A 26) and self-timer (A 28). Pressing d in G (easy auto) mode displays the setup menu (A 74). D Anti-shake AE When Anti-shake AE (A 82) is set to Auto (default setting), detecting the camera shake or subject movement in shooting still pictures increases the shutter speed to reduce the effects of camera or subject shake. 19 Step 2 Frame a Picture 1 Ready the camera.



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Hold the camera steadily in both hands, keeping your fingers and other objects away from the lens, flash, self-timer lamp and built-in microphone. When taking pictures in "tall" orientation, turn the camera so that the built-in flash is above the lens. **Basic Photography and Playback: Easy Auto Mode 2** Frame the picture. When the camera recognizes a face (front view), that face will be framed by a yellow double border (by default). If more than one face is recognized, the face nearest to the camera will be framed by a double border and the rest by a single border. Up to five faces can be recognized. Focus area, focusing on the center of the monitor will appear when shooting nonhuman subjects or when no faces are recognized. Position the main subject near the center of the monitor. **7 Using the Zoom** Use the zoom buttons to activate zoom. Press **g (i)** to zoom in so that the subject fills a larger area of the frame. Press **f (h)** to zoom out, increasing the area visible in the frame.

Zoom indicator displayed when the zoom buttons are pressed. Zoom out Zoom in Optical zoom Digital zoom **20 Step 2 Frame a Picture Digital Zoom** When the camera is zoomed in to the maximum magnification (3×), holding down **g (i)** triggers digital zoom. The subject is magnified up to 4×, for a total magnification of 12×. The focus area is not displayed when digital zoom is in effect, and focus will be in the center of the screen. **Basic Photography and Playback: Easy Auto Mode Optical zoom (up to 3×). Digital zoom is in effect.** In the digital zoom which is different from the optical zoom, an image is enlarged using the digital processing, creating slightly grainy image. **V** is displayed in the zooming position of the maximum ratio without interpolation in the zoom indicator on the monitor. The zoom indicator will be yellow when the zooming operation goes beyond **V**, and the picture quality in digital zoom begins to degrade. **B Maximum Zoom Ratio without Interpolation** When the shooting mode is set to Auto Mode (A 31) or Scene Mode (A 32), the **V** position displayed in the zoom indicator will move to the Zoom in side if the image size in the image mode (A 63) becomes smaller, and the picture quality won't degrade due to the digital zoom until the magnification reaches the values shown in the table below.

If the magnification at which picture quality in digital zoom begins to degrade, the zooming operation will stop temporarily. In addition, if the **g (i)** button is continuously pressed to increase the magnification, the picture quality in digital zoom begins to degrade. Image mode **z1, y1, M2, d2 e g Y j k l** Zoom ratio
3.0× (up to the maximum optical zoom ratio) 3.6× (digital zoom up to 1.
2×) 4.2× (digital zoom up to 1.4×) 4.8× (digital zoom up to 1.6×) 9.

0× (digital zoom up to 3.0×) 12× (digital zoom up to 4.0×) **L18 Only 2 L16 Only 21 Step 3 Focus and Shoot 1** Press the shutter-release button halfway. When people's faces (front view) are recognized: Camera will focus on the face surrounded by a double border. Once focus has been locked the double border will glow green. **1/60 F2.8 Basic Photography and Playback: Easy Auto Mode** When shooting non-human subjects or when no faces are recognized: The camera focuses on the subject overlapping the focus area in the center of the monitor. When the subject is in focus, the focus area glows green. · When the digital zoom is used, the focus indicator **1/60 F2.8 (A 6)** glows green once the focus has been locked in the center of the monitor.

The focus area won't be displayed. · The shutter speed and aperture are displayed when the shutter-release button is pressed halfway. · The focus and exposure remain locked while the shutter-release button is pressed halfway. · When the shutter-release button is pressed halfway, and then the double border blinks in Face Priority, or the focus area or the focus indicator blinks red, the camera is unable to focus. Change the composition and press the shutter-release button halfway down again. **2 Press the shutter-release button the rest of the way down.** The picture will be recorded to the memory card or internal memory. **B During Recording 22** While pictures are being recorded, the **O (wait)** icon will be displayed and the number of exposures remaining or movie length will blink. Do not turn the camera off, open the battery-chamber/memory card slot cover, or remove or disconnect the power source while these icons are displayed. Cutting power or removing the memory card in these circumstances could result in loss of data or in damage to the camera or card.

Step 3 Focus and Shoot B Face Priority · If no face is recognized when the shutter-release button is pressed halfway, the camera focuses on the center of the frame. · The camera may be unable to detect faces in the following situations: - When faces are partially hidden by sunglasses or other obstructions - When the subject is not looking directly at the camera - When faces take up too much or too little of the frame · The camera's ability to detect faces depends on a variety of factors, including whether or not the subject is facing the camera. · It is very rare cases, but if you shoot a subject with which autofocus may not perform as expected, the subject may not be in focus despite the fact that the double border glows green. When the camera is unable to focus, refocus on another subject positioned at the same distance from the camera as the actual portrait subject, and use focus lock (A 31). **Basic Photography and Playback:**

Easy Auto Mode 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 active 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 is behind the subject and is in deep shadow) · No contrast between the subject and surroundings (e.g. when the subject is standing in front of a white wall, wearing a white shirt) · 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 and use focus lock. When using focus lock, be sure that the distance between the camera and the subject with which focus was locked is the same as that for the actual subject. **D AF-assist Illuminator and Flash** If the subject is poorly lit, the AF-assist illuminator may light by pressing the shutter-release button halfway, or the flash may fire by pressing the shutter-release button all the way down. The illuminator has a range of about 2.4 m (7 ft).



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10.5 in.) at the maximum wide-angle position and 1.7 m (5 ft.

6.9 in.) at the maximum telescopic position. The AF-assist illuminator can be set to Off manually (A 83), although in this case the camera may not focus when lighting is poor. 23 Step 4 Viewing and Deleting Pictures Viewing Pictures (Playback Mode) Press c. The last picture taken will be displayed in full-frame playback mode. Use the multi selector H, I, J or K to view additional pictures. Hold the multi selector down to fast forward or rewind. Pictures may be displayed briefly at low resolution while being read from the memory card or internal memory. Press the shooting mode button to switch to shooting mode. When C is displayed, pictures stored in the internal memory will be displayed. When memory card is inserted, C is not displayed and pictures stored on the memory card will be displayed. Basic Photography and Playback: Easy Auto Mode 15/05/2008 15:30 0004.JPG 4 4 Internal memory Deleting Pictures 1 Press l to delete the picture currently displayed in the monitor. 2 Use the multi selector to select Yes and press k.

To exit without deleting the picture, choose No and press k. Erase 1 image? Done No Yes 24 Step 4 Viewing and Deleting Pictures C Playback Mode The following options are available in full-frame playback mode. Option Use Description Press g (i) to enlarge view of picture currently displayed in monitor, up to about 10x. Press k to return to full-frame playback. Press f (h) to display 4, 9 or 16 picture thumbnails.

Press the shooting mode button to switch to the shooting mode selected in the shooting-mode selection menu. A Playback zoom g (i) 41 View thumbnails Switch to shooting mode f (h) A/D/y 40 Basic Photography and Playback: Easy Auto Mode 8 C Viewing Pictures Pictures stored in the internal memory can only be viewed if no memory card is inserted. Pictures taken in Face Priority, while in full-frame playback, will be rotated (if necessary) and displayed. C Deleting the Last Picture Taken Erase 1 image? In shooting mode, press l to delete the last picture taken. No Yes 25 Using the Flash The flash has a range of 0.5-7.7 m (19.7 in.-25 ft. 3.

1 in.) when the camera is zoomed out all the way. With maximum optical zoom applied, the range is 0.5-4.5 m (19.7 in.-14 ft. 9.1 in.).

U V W Basic Photography and Playback: Easy Auto Mode Auto Flash fires automatically when lighting is poor. Auto with red-eye reduction Reduces "red-eye" in portraits (A 27). Off Flash will not fire even when lighting is poor. Fill flash Flash fires when a picture is taken. Use to "fill-in" (illuminate) shadows and backlit subjects.

X Y Slow sync U (auto) is combined with slow shutter speed. Flash illuminates main subject; slow shutter speeds are used to capture background at night or under dim light. Setting the Flash Mode 1 Press m (flash mode). The flash menu is displayed. 2 Use the multi selector to choose the desired flash mode and press k.

The icon for the selected flash mode is displayed at the top of the monitor. When U (auto) is applied, D is displayed for a few seconds only regardless of Photo Info (A 80). If a setting is not applied by pressing k within a few seconds, the selection will be cancelled. Flash mode 7 26 Using the Flash B The W (Off) Indicator Note the following when lighting is poor and the flash is off (W): · Place the camera on a flat, level surface or use a tripod (recommended). · The E symbol is displayed when the camera automatically increases sensitivity. Pictures taken when E is displayed may be slightly mottled. B Note on Using the Flash When using the flash at a wide-angle zoom position, reflections from dust particles in the air may appear as bright spots in pictures. To reduce these reflections, set the flash to W (Off) or zoom in on the subject. C The Flash Lamp Basic Photography and Playback: Easy Auto Mode 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 level is low, monitor turns off and the flash lamp blinks until the flash is completely charged. Flash lamp C The Flash Mode Setting In any flash mode selected in the shooting mode other than A (auto) mode, switching to another shooting mode or turning the camera off restores the default flash setting for each shooting mode. The default setting is U (auto). (except for some scene modes) C Red-eye Reduction The COOLPIX L18/COOLPIX L16 is equipped with an advanced red-eye reduction system. Pre-flashes are fired several times at low intensity before the main flash, to reduce "red-eye." If the camera detects "red-eye" after a picture is taken, Nikon's own In-Camera Red Eye Fix processes the image as it is recorded. Therefore, there is a slight delay before the shutter-release button operates normally to take another picture.

Note the following when using red-eye reduction: · Not recommended for when shutter-release timing is essential. · It takes a longer time than usual to start the next shooting. · Red-eye reduction may not always produce the desired results. · In some rare cases, other portions of pictures may be affected. Use flash modes other than auto with red-eye reduction in above cases.

27 Taking Pictures with the Self-timer The camera is equipped with a ten-second timer for self-portraits. When using the self-timer, use of a tripod is recommended. 1 Press n (self-timer). The self-timer menu is displayed. 2 Basic Photography and Playback: Easy Auto Mode Use the multi selector to choose ON and press k.

The self-timer icon (n10) is displayed. If a setting is not applied by pressing k within a few seconds, the selection will be cancelled. Self-timer 3 Frame the picture and press the shutter-release button halfway. Focus and exposure will be set. 10 1/60 F2.8 4 Press the shutter-release button the rest of the way down. The self-timer starts and the self-timer lamp will blink. The lamp stops blinking one second before the photograph is taken and remains lit until the shutter is released. The number of seconds remaining before the shutter is released is displayed in the monitor. To stop the timer before a picture is taken, press the shutter-release button again.

9 28 Macro Mode Macro mode is used for taking pictures of objects as close as 15 cm (5.9 in.). Note that the flash may be unable to light entire subject at distances of less than 50 cm (19.7 in.). 1 Press p (macro mode). The macro menu is displayed. 2 Use the multi selector to choose ON and press k. The macro mode icon (F) is displayed.

The monitor will return to the normal display for the current mode if the setting is not applied by pressing k within a few seconds.



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Basic Photography and Playback: Easy Auto Mode Macro mode 3 Press g (i) or f (h) to frame the picture. The camera can focus at distances as close as 15 cm (5.9 in.) from the lens when the F and the zoom indicator glow green (zoom indicator is over the G).

C Macro Mode In macro mode, the camera focuses continuously, even when the shutter-release button is not pressed halfway to lock focus. When the shutter-release button is halfway pressed, the focus is locked to adjust the exposure. C The Macro Mode Setting In any macro mode selected in the shooting mode other than A (auto) mode, switching to another shooting mode or turning the camera off restores the default macro setting for each shooting mode. 29 Exposure Compensation Exposure compensation is used to alter exposure from the value suggested by the camera to make pictures brighter or darker. 1 Press o (exposure compensation).

The exposure compensation guide is displayed. 2 Basic Photography and Playback: Easy Auto Mode Use the multi selector to adjust exposure and press k. When the picture is too dark: adjust the exposure compensation to "+" side. When the picture is too bright: adjust the exposure compensation to "-" side. Exposure compensation Exposure compensation can be set to values between -2.0 and +2.0 EV. If a setting is not applied by pressing k within a few seconds, the selection will be cancelled. 3 The setting is applied. The H icon and exposure compensation value are displayed in the monitor.

7 C D Exposure Compensation Value Switching to another shooting mode or turning the camera off releases exposure compensation setting selected in the shooting mode other than A (auto) mode, and returns to 0.0. Using Exposure Compensation 30 The camera tends to lower exposure when the frame is dominated by brightly lit objects and to increase exposure when the frame is mostly dark. Positive compensation may therefore be required to capture the brilliancy of very bright objects that fill the frame (for example, sunlit expanses of water, sand, or snow) or when the background is much brighter than the main subject. Negative compensation may be called for when large areas of the frame contain very dark objects (for example, a swath of dark green leaves) or when the background is much darker than the main subject. Auto Mode Shooting in the Auto Mode In the A (auto) mode, you can set image mode, white balance, continuous shooting and color options in the shooting menu, and take pictures. 1 Press the shooting mode button in shooting mode. The shooting-mode selection menu will be displayed. 2 Press the multi selector H or I to choose A and press k. The camera enters A (auto) mode. Press d to select an option from the shooting menu. (A 62) Auto Mode Auto mode 3 Frame the subject and shoot. Camera focuses on the subject in the center of the monitor. 7 D Focus Lock To focus on off-center subject, use focus lock as described blow. Be sure that the distance between the camera and the subject does not change while focus is locked.

7 1/60 F2.8 1/60 F2.8 Position the subject in the center of the frame. Press the Confirm that the shutter-focus area is release green. button halfway. Continue holding down the shutter-release button halfway and recompose the picture. Press the shutter-release button the rest of the way down. B Available Functions in A (auto) Mode In addition to the items in shooting menu, flash mode (A 26) can be changed and self-timer (A 28), macro mode (A 29) and exposure compensation (A 30) can be applied. 31 Shooting Suited for the Scene Shooting in the Scene Mode Camera settings are automatically optimized for the selected subject type. The following scene modes are available. b Portrait c Landscape d Sports e Night portrait f Party/indoor g Beach/snow h Sunset i Dusk/dawn j Night landscape k Close-up l Museum n Copy o Backlight p Panorama assist Setting the Scene Mode 1 Press the shooting mode button in shooting mode to display the shooting-mode selection menu and use the multi selector to choose C and press k. Scene Shooting Suited for the Scene 2 Press d to display the scene menu screen, choose the desired scene and press k. Scene menu Beach/snow Sunset Dusk/dawn Night landscape Close-up Exit 3 Frame the subject and shoot. 7 D Image Mode A Image mode (A 63) can be set in the scene menu. The image mode setting can also be applied from the A auto mode menu.

Changes made to the image mode setting from any available menus apply to all shooting modes. Scene menu Museum Copy Backlight Panorama assist Image mode Exit 32 Shooting in the Scene Mode Features b Portrait Use this mode for portraits in which the main subject stands out clearly. Portrait subjects exhibit smooth, natural-looking skin tones. Camera focuses on the subject in the center of the monitor. Digital zoom is not available. m V n Off* p Off o 0.0* h Auto* * Other settings can be selected. c Landscape Use this mode for vivid landscapes and cityscapes. Camera focuses at infinity. The focus area or the focus indicator (A 6) always glows green when the shutter-release button is pressed halfway.*

Note, however, that objects in the foreground may not always be in focus. m d Sports Use this mode for dynamic action shots that freeze the action in a single shot and record motion in a series of pictures. While the shutter-release button is pressed halfway, the camera focuses continuously until focus is acquired and locked. While shutter-release button is held down, pictures are taken at rate of about 1.3 frames per second (fps) when image mode is set to y Normal (3264) in L18 or when image mode is set to d Normal (3072) in L16.

This rate is maintained for up to 2 pictures. The maximum frame rate with continuous shooting may vary depending upon the current image mode setting and the memory card used. m W n Off p Off o 0.0 h Off W n Off* p Off o 0.0* h Off Shooting Suited for the Scene * Other settings can be selected.*

** Other settings can be selected. C C Icons Used for Descriptions The following icons are used for descriptions in this section: m, flash mode (A 26); n, self-timer (A 28); p, macro mode (A 29); o, exposure compensation (A 30); h, AF-assist illumination (A 83). Scene Mode Settings Adjustments to the flash mode setting, self-timer setting, macro mode setting, and exposure compensation value applied in any scene mode are cancelled and these settings return to their default values whenever another shooting mode is selected or the camera is turned off. 33 Shooting in the Scene Mode e Night portrait OQ Use this mode to achieve a natural balance between the main subject and background lighting in portraits taken at night. Camera focuses on the subject in the center of the monitor.*



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· Digital zoom is not available. V1 Off2 0.02 Auto2 m 1 2 n p Off o h Fill flash with slow sync and red-eye reduction. Other settings can be selected. f Party/indoor Captures the effects of candlelight and other indoor background lighting.

· Camera focuses on the subject in the center of the monitor. · As pictures are easily affected by camera shake, hold the camera steadily. In a dark place, use of a tripod is recommended. Shooting Suited for the Scene m 1 2 V1 n Off2 p Off o 0.02 h Auto2 Fill flash with slow sync and red-eye reduction. Other settings can be selected. Other settings can be selected. g Beach/snow Captures the brightness of such subjects as snowfields, beaches, or sunlit expanses of water. · Camera focuses on the subject in the center of the monitor. · The Anti-shake AE (A 82) is set to OFF.

U* m n Off* p Off o 0.0* h Auto* * Other settings can be selected. 34 O: For those scene modes with O, use of a tripod is recommended. Q: For those scene modes with Q, noise reduction may be automatically applied as pictures taken are recorded; results in increased recording times. Shooting in the Scene Mode h Sunset O Preserves the deep hues seen in sunsets and sunrises.

· Camera focuses on the subject in the center of the monitor. m W* n Off* p Off o 0.0* h Auto* * Other settings can be selected. i Dusk/dawn OQ Preserves the colors seen in the weak natural light before sunrise or after sunset. · Camera focuses at infinity.

The focus area or the focus indicator (A 6) always glows green when the shutter-release button is pressed halfway. However, focus may not be set for near subjects, while the camera focuses at infinity. · The Anti-shake AE (A 82) is set to OFF. Shooting Suited for the Scene m W n Off* p Off o 0.0* h Off* * Other settings can be selected. j Night landscape OQ Slow shutter speeds are used to produce stunning night landscapes. · Camera focuses at infinity. The focus area or the focus indicator (A 6) always glows green when the shutter-release button is pressed halfway. However, focus may not be set for near subjects, while the camera focuses at infinity. m W n Off* p Off o 0.

0* h Off* * Other settings can be selected. O: For those scene modes with O, use of a tripod is recommended. Q: For those scene modes with Q, noise reduction may be automatically applied as pictures taken are recorded; results in increased recording times. 35 Shooting in the Scene Mode k Close-up Photograph flowers, insects and other small objects at closerange. Macro mode (A 29) is on and the zoom indicator is automatically moved to the closest focus position. · The camera can focus at distances as close as 15 cm (5.9 in.) from the lens when the F and the zoom indicator glow green (zoom indicator is over the G). The closest distance at which the camera can focus varies depending upon zoom position. · While the shutter-release button is pressed halfway, the camera focuses continuously until focus is acquired and locked.

· As pictures are easily affected by camera shake, check the Anti-shake AE (A 82) setting and hold the camera steadily. m U* n Off* p On o 0.0* h Auto* * Other settings can be selected. Note that the flash may be unable to light entire subject at distances of less than 50 cm (19.7 in.)

). l Museum Use indoors where flash photography is prohibited (for example, in museums and art galleries) or in other settings in which you do not want to use the flash. · Camera focuses on the subject in the center of the monitor. · BSS (A 67) is available. · As pictures are easily affected by camera shake, check the Anti-shake AE (A 82) setting and hold the camera steadily.

m W n Off* p Off* o 0.0* h Off Shooting Suited for the Scene * Other settings can be selected. n Copy Provides clear pictures of text or drawings on a white board or in print. · Camera focuses on the subject in the center of the monitor. · Use macro mode (A 29) to focus at short ranges. · Colored text and drawings may not show up well. m W* n Off* p Off* o 0.0* h Auto* * Other settings can be selected. 36 Shooting in the Scene Mode o Backlight Use when light is coming from behind your subject, throwing features or details into shadow. The flash fires automatically to "fill in" (illuminate) shadows.

· Camera focuses on the subject in the center of the monitor. m m n Off* p Off o 0.0* h Auto* * Other settings can be selected. p Panorama assist (A 38) Use when taking a series of pictures that will later be joined to form a single panorama using the supplied Panorama Maker software. m W* n Off* p Off* o 0.0* h Auto* Shooting Suited for the Scene * Other settings can be selected. 37 Shooting in the Scene Mode Taking Pictures for a Panorama The camera focuses on the subject in the center of the frame. Use a tripod for best results. 1 Use the multi selector to choose p Panorama assist in the scene menu and press k (A 32). The panorama direction icon (I) is displayed to show the direction in which pictures will be joined.

Scene menu Museum Copy Backlight Panorama assist Image mode Exit 2 Use the multi selector to choose the direction and press k. Select how pictures will be joined together in the completed panorama; right (I), left (J), up (K) or down (L). 7 The panorama direction icon (II (yellow)) is displayed to the direction pressed and the direction is fixed when k is pressed. The fixed direction I (white) is displayed. Apply flash mode (A 26), self-timer (A 28), macro mode (A 29) and exposure compensation (A 30) settings with this step, if necessary.

Press k to reselect the direction. Shooting Suited for the Scene 3 Shoot the first picture. The first picture is superimposed in the first third of the monitor. 6 4 Shoot the second picture. Compose the next picture so that it overlaps the last third of the first picture and press the shutter-release button.

Repeat until you have taken the necessary number of pictures to complete the scene. End 5 38 Shooting in the Scene Mode 5 Press k when shooting is completed. The camera returns to step 2. End 4 Shooting Suited for the Scene B Panorama Assist Flash mode (A 26), self-timer (A 28), macro mode (A 29) and exposure compensation (A 30) settings cannot be adjusted after the first picture is taken. Pictures cannot be deleted, nor can zoom or image-mode setting (A 63) be adjusted until the series is finalized. The panorama series is terminated if the camera enters standby mode with the auto off function (A 84) during shooting. Setting the time allowed to elapse before the auto off function is enabled to a longer setting is recommended. D Exposure Lock R is displayed to indicate that white balance, exposure, and focus have been locked at the values set with the first shot.



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