Nikon

En

**The *Nikon* Guide to Digital Photography
with the**

COOLPIX5700

DIGITAL CAMERA

CE

Using Your Camera — A Flowchart Guide

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Product Documentation

The documentation for this product includes the manuals listed below. Please be sure to read all instructions thoroughly to get the most from your camera.

Quick-Start Guide
The *Quick-Start Guide* takes you through the process of unpacking and setting up your Nikon digital camera, taking your first photographs, and transferring them to your computer.

Guide to Digital Photography
The *Guide to Digital Photography* (this manual) provides complete operating instructions for your camera.

Nikon View 5 Reference Manual
The *Nikon View 5 Reference Manual* can be found in electronic format on the reference CD provided with your camera. For information on viewing the *Reference Manual*, see "Connections" in this manual.

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Reviewing Your Pictures	▶
Connecting to a Computer	🖥
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For Your Safety

To prevent damage to your Nikon product or injury to yourself or to others, read the following safety precautions in their entirety before using this equipment. 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 your Nikon product to prevent possible injury.

WARNINGS

⚠ **Do not look at the sun through the viewfinder**
Viewing the sun or other strong light source through the viewfinder could cause permanent visual impairment.

⚠ **Do not leave the viewfinder exposed to direct sunlight**
If left in direct sunlight, the lens of the viewfinder could concentrate sunlight on the viewfinder's LCD and cause damage.

⚠ **Turn off immediately in the event of malfunction**
Should you notice smoke or an unusual smell coming from the equipment or from the AC adapter (available separately), unplug the AC adapter and remove the battery immediately, taking care to avoid burns. Continued operation could result in injury. After removing the battery, take the equipment to a Nikon-authorized service center for inspection.

⚠ **Do not use 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.

⚠ **Do not place strap around neck**
Placing the camera strap around your neck could result in strangulation. Special care should be taken to avoid placing the strap around the neck of an infant or child.

⚠ **Do not disassemble**
Touching the product's internal parts could result in injury. In the event of a malfunction, the product should be repaired only by a qualified technician. Should the product break open as the result of a fall or other accident, remove the battery and/or AC adapter and then take the product to a Nikon-authorized service center for inspection.

⚠ **Observe proper precautions when handling batteries**
Batteries may leak or explode if improperly handled. Observe the following precautions when handling batteries for use in this product:
• Be sure the product is off before replacing the battery. If you are using an AC adapter, be sure it is unplugged.
• Use only a rechargeable Nikon EN-EL1 lithium-ion battery (supplied) or a six-volt 2CR5 (DL245) lithium battery (available separately).

- When inserting the battery, do not attempt to insert it upside down or backwards.
- Do not short or disassemble the battery.
- Do not expose the battery 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 battery when no charge remains.
- When the battery is not in use, attach the terminal cover and store in a cool place.
- Immediately after use, or when the product is used on battery power for an extended period, the battery may be hot. Before removing the battery, turn the camera off and allow the battery to cool.
- Discontinue use immediately should you notice any changes in the battery, such as discoloration or deformation.

⚠ **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.

⚠ **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.

⚠ **Removing memory cards**
Memory cards may become hot during use. Observe due caution when removing memory cards from the camera.

⚠ **CD-ROMs**
The CD-ROMs on which the software and manuals are distributed should not be played back on audio CD equipment. Playing CD-ROMs on an audio CD player could cause hearing loss or damage the equipment.

⚠ **Observe caution when operating 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″) from the subject.

⚠ **When using the viewfinder**
When operating the diopter adjustment dial with your eye to the viewfinder, care should be taken not to put your finger in your eye accidentally.

⚠ **Avoid contact with liquid crystal**
Should the monitor or viewfinder break, care should be taken to avoid injury due to broken glass and to prevent liquid crystal from the monitor touching the skin or entering the eyes or mouth.

Notices

- 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 has been 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).

Notice for customers in Canada

CAUTION
This class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

ATTENTION
Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

✐ A Note on Electronically-Controlled Cameras

In extremely rare instances, unusual characters may appear in the control panel and the camera may stop functioning. In most cases, this phenomenon is caused by a strong external static charge. Turn the camera off, remove and replace the battery, and turn the camera on again, or, if you are using an AC adapter (available separately), disconnect and reconnect the adapter and turn the camera on again. In the event of continued malfunction, contact your retailer or Nikon representative. Note that disconnecting the power source as described above may result in loss of any data not recorded to the memory card at the time the problem occurred. Data already recorded to the memory card will not be affected.

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 pro-

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Nikon                        E5700
FC Tested To Comply
     With FCC Standards
FOR HOME OR OFFICE USE
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tection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/television technician for help.
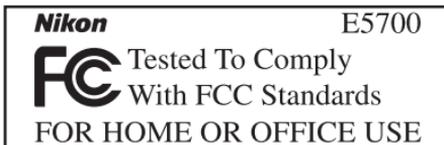
CAUTIONS

Modifications

The FCC requires the user to be notified that any changes or modifications made to this device that are not expressly approved by Nikon Corporation may void the user's authority to operate the equipment.

Interface Cables

Use the interface cables sold or provided by Nikon for your equipment. Using other interface cables may exceed the limits of Class B Part 15 of the FCC rules.

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Tel.: 631-547-4200

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The copying or reproduction of paper money, coins, or securities which are circulated in a foreign country is prohibited.

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The copying or reproduction of stamps issued by the government and of certified documents stipulated by law is prohibited.

• **Cautions on certain copies and reproductions**

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Getting Started

This chapter is divided into the following sections:

Overview and Symbols
Describes organization of, and the symbols used to navigate through, this manual.

Getting to Know the COOLPIX5700
Introduces the various parts of the camera and where to find additional information.

First Steps
Takes you through the basic steps required to get your camera ready.

Overview and Symbols

Overview

Thank you for purchasing a COOLPIX5700 digital camera. This manual explains the features of your camera and how to use it. The manual's chapters are listed below along with a brief description of what each chapter contains.

Getting Started: This chapter. Introduces the parts of your camera and the first steps necessary to ready your camera for taking pictures.

Taking and Reviewing Pictures: Explains the basics of taking and reviewing pictures.

Doing More with Your Digital Camera: Explains how to connect your camera to a computer and how to view your pictures on a TV or VCR.

Taking Pictures—The Details: Explains how to use the camera's controls and User Sets.

Playing Back Your Pictures: Explains how to play back your pictures and details on the image information displayed in the monitor or viewfinder in full-screen playback mode.

Menu Guide: Describes how to operate the camera's menus, and gives a full explanation of all the menus in your camera.

Technical Notes: Describes how to care for your camera, optional accessories, additional resources and troubleshooting information, and lists your camera's specifications.

✔ Use Only Nikon Brand Electronic Accessories

Your Nikon COOLPIX digital camera is designed to the highest standards and includes complex electronic circuitry. Only Nikon brand electronic accessories (including battery chargers, batteries, and AC adapters) certified by Nikon specifically for use with your 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 YOUR CAMERA AND MAY VOID YOUR NIKON WARRANTY.

For more information about Nikon brand accessories, contact your local authorized Nikon dealer.

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Symbols

To make it easier to find the information you need, the following symbols are used:

✔	Cautions: information you should read before use to prevent damage to your camera.	✐	Notes: information that you should read before using your camera.
◉	Tips: helpful information for using your camera.	⚡	See: additional information in this manual.

◉ Life-Long Learning

As part of Nikon's "Life-Long Learning" commitment to ongoing product support and education, continually-updated information is available on-line at the following sites:

• For users in the U.S.A.: *http://www.nikonusa.com/*
• For users in Europe: *http://www.nikon-euro.com/*
• For users in Asia, Oceania, the Middle East, and Africa:
  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. See the URL below for contact information:

  http://www.nikon-image.com/eng/

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Getting to Know the COOLPIX5700

Parts of the COOLPIX5700

The parts of the camera are identified below. For more information on the function of each part, refer to the page numbers listed.

1 Command dial

2 LCD illuminator button 8

3 ⚡ (Exposure compensation) button 66

4 MODE (Exposure mode) button .. 70

5 Accessory shoe 138, 158

6 Built-in Speedlight 27, 62

7 Photocell 26, 138

8 Lens 13, 162

9 Microphone 77

10 Self-timer/red-eye reduction/shot confirmation lamp .. 58, 63, 137

11 Power switch 22

12 Shutter-release button 28

13 Eyelet for camera strap (x2) ... 13

14 Audio/video (A/V) out connector (under cover) 46

15 DC-IN connector (under cover)
    15

16 USB connector (under cover) . 41

17 Speaker 90

18 ⬤ / SIZE (Image Quality /Image Size) button 49, 51
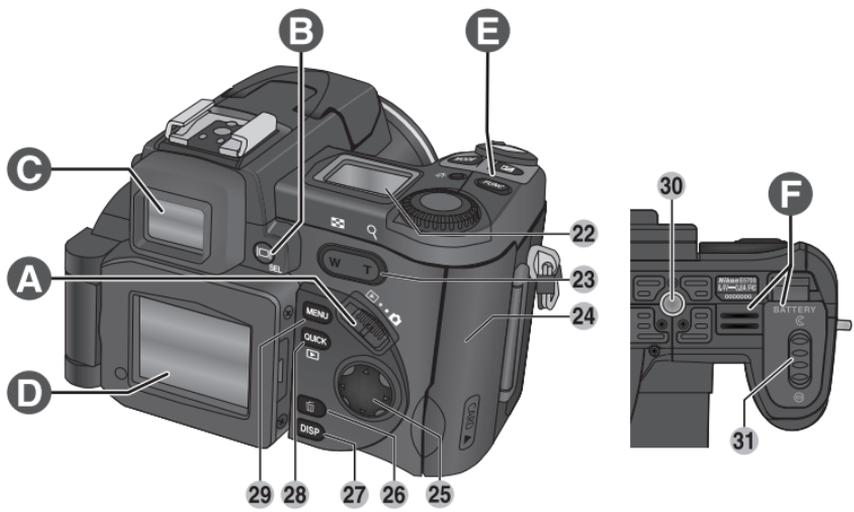
19 🔺🔻 / MF (Focus mode / Manual Focus) button 53, 80	**28** 🔲 (Quick Review) button 31
20 🔒 (AE / AF Lock) button 56, 131	**29** 🔲 (Menu) button 97
21 ⚡ / ISO (Flash mode / Sensitivity) button 62, 78	**30** Tripod socket
22 Control panel 8	**31** Battery-chamber cover latch . 14
23 Zoom (🔳/🔍) buttons 27, 35, 60, 86, 87	**A** Mode selector 9
24 Memory card-slot cover 16	**B** 🔲 / SEL button 9
25 Multi selector 18, 99	**C** Electronic viewfinder 10
26 🗑 (Delete) button ... 33, 67, 84	**D** Monitor 10
27 🔲 (Display) button 6, 24	**E** 🔲 (Function) button 11
	F Battery-chamber cover / Coupling contacts cover 12
	G Diopter adjustment dial 12

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Camera Displays

Monitor or Viewfinder (Shooting Mode)

In ○ (shooting mode), the icons in the monitor or viewfinder indicate the status of the following camera settings:
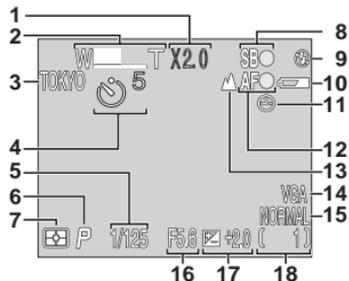
User Set A

1 Digital zoom 60
2 Zoom indicator 60, 105
3 Current folder 125

1 Appears when battery is running low.
2 Appears when clock-calendar has not been set.
3 Appears when shutter-release button is pressed halfway.

4 Self-timer indicator 58
5 Shutter speed 73
6 Exposure mode 70
7 Metering mode 103
8 Flash-ready indicator 28
9 Flash mode 62
10 Battery level indicator[1] 23
11 "Date not set" icon[2] 20
12 Focus indicator [3] 28
13 Focus mode 53
14 Image size 51
15 Image quality 49
16 Aperture 74
17 Exposure compensation 66
18 Number of exposures remaining/ length of movie 23, 77

🖢 The DISP (Display) Button

To turn the display of camera settings or photo information in the monitor on and off, press DISP.

Photo information displayed

Photo information hidden
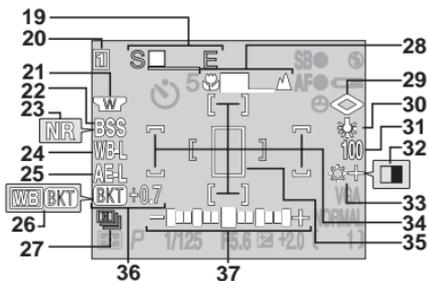
User Sets 1, 2, and 3

19 Progress bar (Ultra HS) 105
20 User Setting No. (User Set) 68
21 Converter lens setting 109
22 Best Shot Selector (BSS) 106
**23** Noise reduction 117

4 Appears at sensitivity (ISO equivalency) setting other than AUTO. **ISO** displayed when sensitivity is raised above ISO 100 in AUTO.

24 White balance lock 110
25 Exposure lock 56
26 White balance bracketing indicator 116
27 Continuous shooting mode .. 104
28 Manual focus indicator 80
29 Image sharpening 114
30 White balance 101
31 Sensitivity (ISO equivalency)[4] .. 78
32 Black-and-white mode indicator 108
33 Image adjustment 107
34 Focus areas / metering areas 112
35 Spot metering target 103
36 Bracketing indicator 116
37 Exposure display 75

Monitor or Viewfinder (Playback Mode)

In ▶ (playback mode), the icons in the monitor or viewfinder indicate the status of the following camera settings:
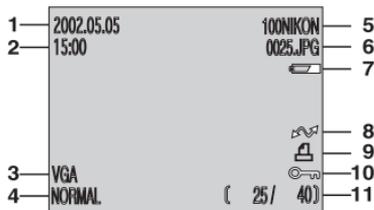
1 Date of recording 19
2 Time of recording 19
3 Image size 51

* Appears only when battery is running low.

4 Image quality 49
5 Folder 88, 121
6 File number and type 134
7 Battery level indicator[*] 23
8 Transfer icon 155
9 Print-order icon 153
10 Protect icon 151
11 Current frame number/total number of frames visible in current folder

7

Control Panel

The indicators in the control panel show the status of the following camera settings. To aid explanation, the control panel graphic below shows all icons, unlike normal use.
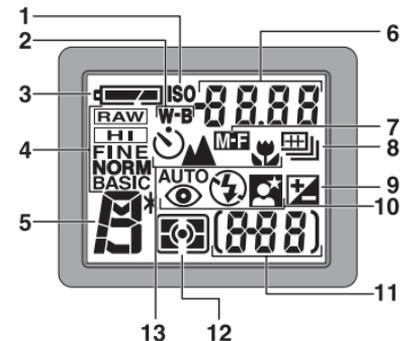
1 Sensitivity (ISO equivalency) indicator 78

2 White balance indicator (appears when FUNC button is used to set white balance; shutter-speed/aperture display shows white balance mode selected) 130

3 Battery level indicator 23

4 Image quality 49

|	
5	Exposure mode 70
6	Shutter-speed 73
	Aperture 74
	Image size 51
	Exposure compensation value ... 66
	Sensitivity 78
	White balance setting 130
	Image transfer status 42
7	Manual focus 80
8	Continuous shooting mode .. 104
9	Exposure compensation indicator 66
10	Flash mode 62
11	Exposure count display 23
	Exposure indicator 66
12	Metering mode 103
13	Self-timer/Focus mode 53

🔍 LCD Illuminator Button

The control panel can be illuminated for up to 8 seconds by pressing the LCD illuminator button (🔳 4).

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Camera Parts — The Details

A The Mode Selector

The mode selector selects the operating mode. Choose ◘ (shooting mode) to take still pictures and movies (👸 22), ▶ (playback mode) to play them back (👸 84).
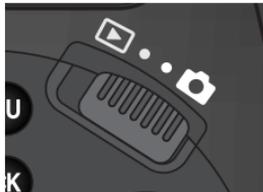
B (◘) / SEL Button

Pictures can be framed in the monitor or viewfinder. The monitor and viewfinder display the same contents.

Pressing the (◘) / SEL button will toggle between the monitor and viewfinder (which cannot be used simultaneously) when the monitor is open. Note that the (◘) / SEL button is disabled in ▶ (playback) mode.

✓ Using the Monitor

Do not apply excessive force to the monitor when folded out from the camera body as this could damage the hinge that connects the monitor to the camera.

🔍 Closing the Monitor

Closing the monitor while in use will automatically turn off the monitor, and turn on the viewfinder. Opening the monitor while the viewfinder is in use will do the opposite. Note, if you press the (◘) / SEL button and switch to the viewfinder before closing the monitor, the monitor will not turn on automatically when you open it again. Press the (◘) / SEL button after opening the monitor to turn it on.

C The Electronic Viewfinder

The viewfinder is a smaller version of the monitor and can be used when bright ambient lighting conditions make the display in the monitor difficult to see.
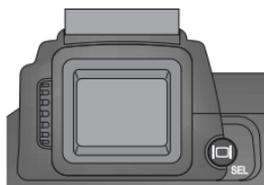
D The Monitor

The monitor shows the view through the camera lens together with icons indicating the status of various camera settings during shooting (🔖 6). The monitor is also used to review the pictures that you have taken (🔖 31, 84).

When folded out as shown, the monitor can be rotated forward 180°, and backward 90°.
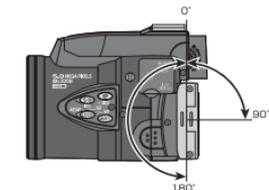
You can take self-portraits by rotating the monitor to point in the same direction as the lens; the monitor will show a mirror image of the final picture.

When the monitor is pointing in the same direction as the lens, it can be folded back onto the camera body for shooting or playback.

When the monitor is not in use, you can fold it onto the camera body as shown to protect it from dust or fingerprints.

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E The ᴳᵁᴺᶜ (Function) Button

By default, the ᴳᵁᴺᶜ button can be used to choose a User Set without accessing the camera menus. Press the ᴳᵁᴺᶜ button while rotating the command dial, the selected User Set will appear in the top left of the monitor or viewfinder (User Sets 1, 2, and 3 only). It will also appear in the control panel shutter-speed/aperture display while the ᴳᵁᴺᶜ button is pressed.

By default, the camera is set to the automatic "point-and-shoot" mode, User Set A. Menu settings for User Sets 1, 2, and 3 are stored separately. You can create combinations of settings for User Sets 1, 2 and 3, and switch instantly from one combination of settings to the other simply by selecting the desired User Set (🔯 68).

In User Sets 1, 2, and 3, you can choose the function assigned to the ᴳᵁᴺᶜ button, making it possible to select the User Set or adjust white balance and metering without accessing the camera menus, or to adjust flash and focus mode without using the buttons on the camera (🔯 129).

Setting assigned to ᴳᵁᴺᶜ button	🔯
User Set (default setting)	68
▲❀⏲ (Focus Mode)	53
⚡ ◉ (Speedlight Mode)	62
White Balance	101
Metering	103

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F The Battery-Chamber and Coupling Contacts Covers

The COOLPIX5700 can be equipped with the MB-E5700 battery pack (available separately) which takes six LR6 (AA) batteries. To attach the MB-E5700, you must remove the coupling contacts and battery-chamber covers.

Open the battery-chamber cover. Remove the coupling contacts cover by pushing it down at A-① and sliding it out. Hold the battery-chamber cover at about 45°, gently pull the cover in the direction of A-③ until the peg at A-② pulls free and remove the cover. Do not attempt to remove the battery-chamber cover before the coupling contacts cover or you may damage the camera.
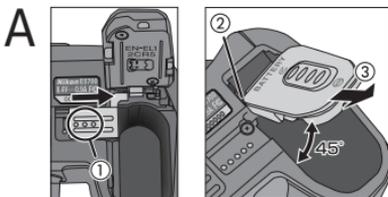
To replace the battery-chamber cover, insert the cover's right peg into the hole at B-①, then slide the left peg (closest to the coupling contacts) into its slot. Slide the coupling contacts cover back into place (B-②). For more information, refer to the instruction manual included with the MB-E5700.
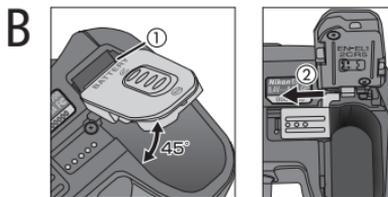
G The Diopter Adjustment Dial

If the view in the viewfinder appears blurred, viewfinder focus can be adjusted using the diopter adjustment dial. Look through the viewfinder, and rotate the adjustment dial until the view is in focus.

When operating the diopter adjustment dial with your eye to the viewfinder, care should be taken to avoid accidentally putting your fingers or fingernails in your eye.

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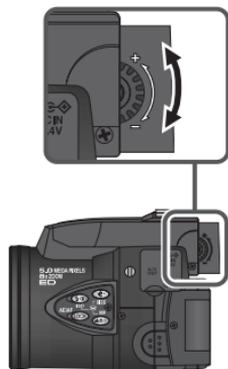
First Steps

Complete the steps in this section before using your camera for the first time.

Step 1—Attach the Camera Strap
Attach the strap to the two eyelets on the camera body as shown below.
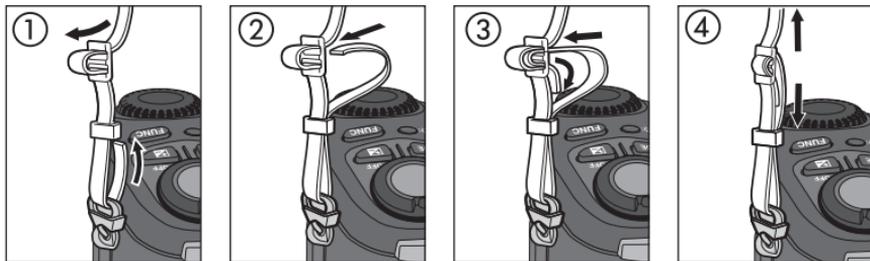
To avoid losing the lens cap, use the cord provided to attach it to the camera strap as shown.

🔍 Removing and Replacing the Lens Cap

Remove or replace the lens cap by pressing the tabs on either side of the cap. Remove the lens cap before trying to take pictures.

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Step 2—Insert the Battery

Your camera is powered by a single rechargeable Nikon EN-EL1 lithium-ion battery (provided) or a non-rechargeable 2CR5 (DL245) lithium battery (available separately).

2.1 **Charge the battery**
The EN-EL1 is not fully charged at shipment. A battery charger is provided with the camera; we recommend that you charge the battery before use. Instructions for charging the battery are in the instruction manual included with the charger.

2.2 **Turn the camera off**

2.3 **Open the battery-chamber cover**
Slide the battery-chamber cover latch to the ⬕ position (1) and flip the cover open (2).
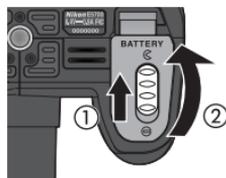
2.4 **Insert the battery**
Insert a fully-charged EN-EL1 or new 2CR5 (DL245) battery as shown on the label on the underside of the battery-chamber cover.
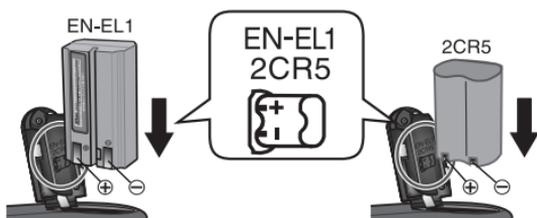
2.5 **Close the battery-chamber cover**
Close the battery-chamber cover (1) and slide the latch to the ⬔ position (2). To prevent the battery being dislodged during operation, be sure that the battery-chamber cover is properly latched.

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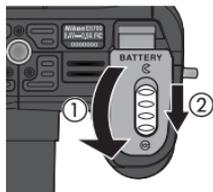
✔ Battery — Cautions

• When using the EN-EL1 rechargeable battery, read and follow all warning and instructions supplied with the battery. When inserting the battery, be sure to refer to "Caring for the Camera and Battery" (🔧 160).
• Note that on some occasions when an exhausted battery is reinserted into the camera, the "battery exhausted" icon may fail to appear in the control panel and monitor or viewfinder.
• The battery may be hot after use. Turn the camera off and wait for the battery to cool down before removing the battery.
• When using a tripod, the camera must be removed from the tripod before the battery can be exchanged.

✐ The Clock Battery

The camera's internal clock-calendar is powered by a separate, rechargeable power source, which is charged as necessary when the main battery is installed or the camera powered by an AC adapter (available separately). After charging for about ten hours, this power source can provide roughly three days of back-up power. If the main battery has been removed for an extended period, or removed before charging is complete, a flashing 🕐 icon may appear in the monitor, indicating that the clock needs to be reset (🔧 20).

🔍 Removing the Battery

The battery can be removed without affecting pictures stored on the memory card.

🔍 Alternative Power Sources

Besides the Nikon EN-EL1, the COOLPIX5700 can use non-rechargeable 2CR5 (DL245) lithium batteries, available at a variety of retail outlets. To power your camera continuously for extended periods, use an EH-53 AC adapter or EH-21 AC adapter/battery charger (both available separately). The MB-E5700 battery pack (available separately), which takes six ordinary LR6 (AA) batteries, can also be used to power the camera for extended periods.
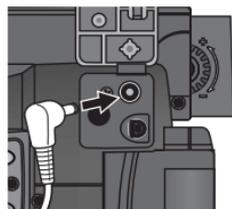
Connect AC adapter to COOLPIX5700 DC-IN connector

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Step 3—Insert the Memory Card

Your Nikon digital camera uses CompactFlash™ (CF) memory cards (Type I or II) or IBM Microdrive® memory cards to store pictures (159). Memory cards are inserted as follows:

3.1 Turn the camera off

3.2 Insert the memory card
Open the card-slot cover (1) and make sure the eject button is pressed all the way down (2).

Memory cards are labeled with an arrow (▲) showing the direction of insertion. With this label facing the back of the camera (the side with the monitor), insert the card in the direction of the arrow (3), sliding it in until it is firmly in place.

Close the card slot cover (4).
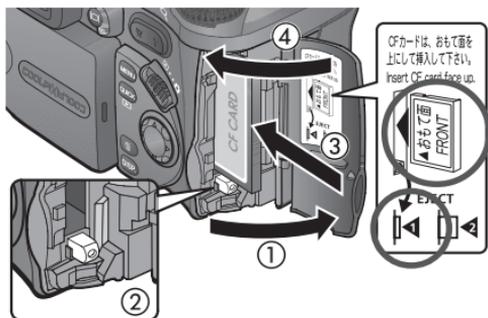
✐ **Inserting Memory Cards**

• If the eject button is up when the card-slot cover is closed, closing the cover will partially eject the memory card, causing errors when the camera is turned on. Be sure the eject button is down (i.e., in position ▐◀) before inserting memory cards.

• Insert memory cards terminals (two rows of small holes) first.

• Be sure the memory card is oriented correctly before trying to insert the card, otherwise you may damage the camera or card.

Terminals

Front label

Direction of insertion
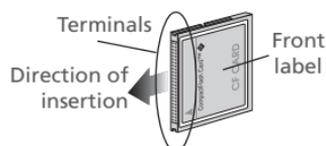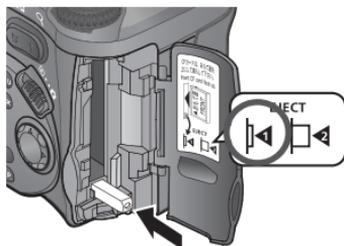
Insert card terminals first with front label facing camera back

✐ **Formatting Memory Cards**

While the memory card provided with your camera is formatted at shipment, other memory cards must be formatted before first use. For more information on formatting cards, see "Formatting Memory Cards" (📷 135).

◉ **Removing Memory Cards**

Memory cards can be removed without loss of data when the camera is off. To remove a memory card, turn the camera off and open the card-slot cover. Press the eject button to pop it up to position ☐◀ (1), and press it again to partially eject the card (2). Then remove the card by hand.
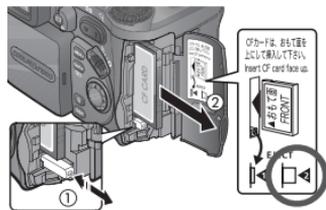
✓ **Hot Memory Cards**

Memory cards may become hot during use. Observe due caution when removing memory cards from the camera.

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Step 4—Choose a Language

Menus and messages can be displayed in German, English, French, Japanese, and Spanish.

4.1

Set mode selector to ▶ and turn camera on

4.2

Open the monitor. If no images exist on memory card, "CARD CONTAINS NO IMAGES" message will appear in monitor; ignore it and proceed to next step

4.3

Press MENU button to display PLAY BACK menu

4.4

Highlight page tab

4.5

Highlight SET-UP menu page tab (**S**)

4.6
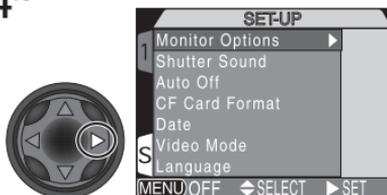
Position cursor in SET-UP menu

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4.7

SET-UP

1 Monitor Options
   Shutter Sound
   Auto Off
   CF Card Format
   Date
   Video Mode
S Language ▶
MENU OFF ◆SELECT ▶SET

Highlight **Language**

4.8

LANGUAGE

1 Monitor Options
   Shutter Sound
   Auto Off   De
   CF Card Format   En ▷
   Date   Fr
   Video Mode   日
S Language   Es
MENU OFF ◆SELECT ▷SET

Display options

4.9

LANGUAGE

1 Monitor Options
   Shutter Sound
   Auto Off   De
   CF Card Format   En ▷
   Date   Fr
   Video Mode   日
S Language   Es
MENU OFF ◆SELECT ▷SET
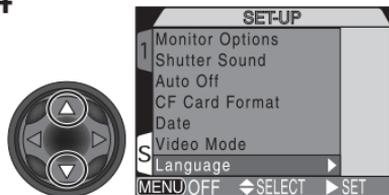
Choose a language from:
- **De** **De**utsch (German)
- **En** **En**glish
- **Fr** **Fr**ançais (French)
- 日 Japanese
- **Es** **Es**pañol (Spanish)

4.10

SET-UP

1 Monitor Options
   Shutter Sound
   Auto Off
   CF Card Format
   Date
S Video Mode
   Language   ▶
MENU OFF ◆SELECT ▶SET
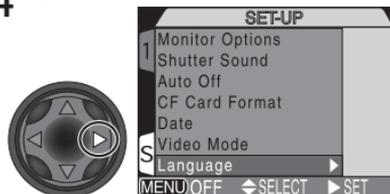
Make selection and return to SET-UP menu

Step 5—Set the Time and Date

The time and date of shooting is recorded with all pictures and movies you take. To set the camera's internal clock to the correct time and date, follow steps 4.1 to 4.6 in the previous section, then follow the steps below:

5.1

SET-UP

1 Monitor Options
   Shutter Sound
   Auto Off
   CF Card Format
   Date   ▶
S Video Mode
   Language
MENU OFF ◆SELECT ▶SET

Highlight **Date**

5.2

DATE

1
         Y   M   D
         △
      2002 . 01 . 01
         ▽
      00 : 00
S
MENU OFF ◆SELECT ◆SET

Display Date menu

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$5^{.3}$

DATE

Y M D

2002. 0 1 . 01

00 : 00

MENU OFF ◆▶ SELECT ◆ SET
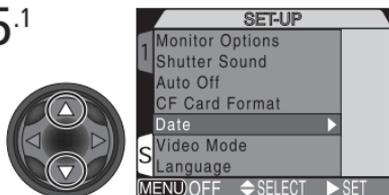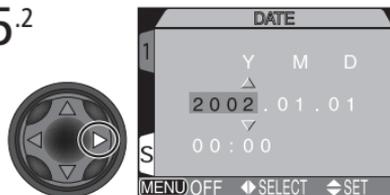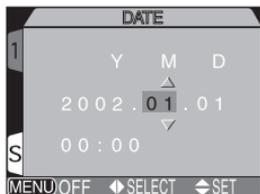
Highlight Year, Month, Day, hour, or minute (selected item highlighted in red)

$5^{.4}$

DATE

Y M D

2002. 0 5 . 01

00 : 00

MENU OFF ◆▶ SELECT ◆ SET
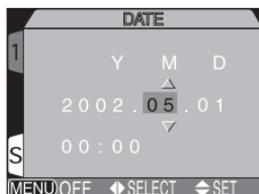
Edit selected item. Repeat steps 5.3 and 5.4 until all items have been set

$5^{.5}$

DATE

Y M D ▷

2002 . 05 . 05

15 : 00

MENU OFF ◆ SELECT ▷ SET

Highlight **Y M D**

$5^{.6}$

DATE

M D Y ▷

05 . 05 . 2002

15 : 00

MENU OFF ◆ SELECT ▷ SET
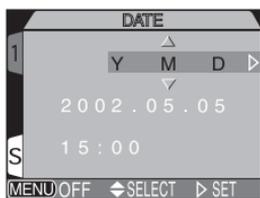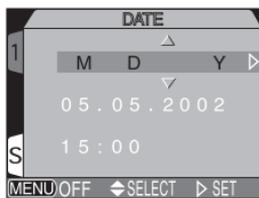
Choose order in which year, month, and day will be displayed

$5^{.7}$

SET-UP

Monitor Options
Shutter Sound
Auto Off
CF Card Format
Date ▶
Video Mode
Language

MENU OFF ◆ SELECT ▷ SET
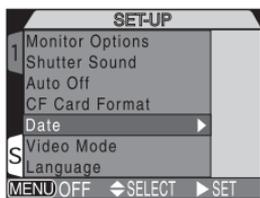
Save changes to settings and return to SET-UP menu

To return to ▶ (playback) mode, press the MENU button.

Flashing Clock Icon

If the time and date have not been set, a flashing clock icon (🕒) will appear in the top right corner of the monitor or viewfinder when the camera is in 📷 (shooting) mode. Any pictures taken before the time and date have been set will have a time stamp of "0000.00.00 00:00".

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Taking and Reviewing Pictures

This chapter is divided into the following sections :

Basic Picture Taking
Outlines the basic steps necessary to take your first digital picture.

Reviewing Your Pictures
Illustrates how to review your pictures in the monitor or viewfinder.

Basic Picture Taking

This section details the steps for taking pictures in the automatic "point and shoot" mode, User Set A. When you first use the camera, it will be set to User Set A by default.

Step 1—Ready the Camera

Before using your camera, complete the following steps:

1 .1 **Remove the lens cap**
Remove the lens cap by pressing the tabs on either side of the cap.

1 .2 **Open the monitor as shown in (1) through (5)**

① ② ③

④ ⑤
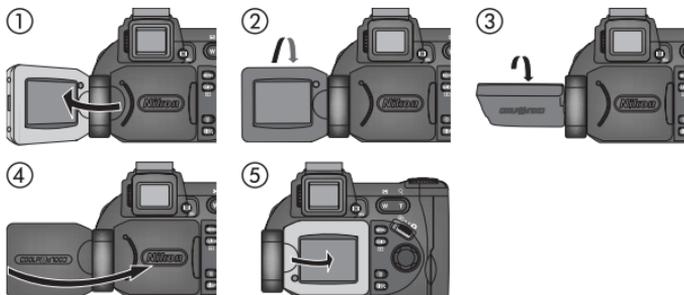
1 .3 **Slide the mode selector to 🔾 (shooting mode)**

1 .4 **Turn the camera on**
A beep will sound and the lens will extend. After a short pause, current settings will be displayed in the control panel and the monitor or viewfinder; the monitor or viewfinder will show the view through the lens.

1.5 **Check indicators in the control panel, monitor or viewfinder**
Check the battery indicator to make sure the battery has enough power. See the table below for battery indicator meanings.

Make sure the memory card has enough memory. If the number of exposures remaining reaches zero, or if the "OUT OF MEMORY" message is displayed in the monitor or viewfinder, change the memory card or delete some images (33, 35) to free up space on the card. It may be possible to record more pictures at a different image quality or size (49).

Battery indicator

Number of exposures remaining

Monitor
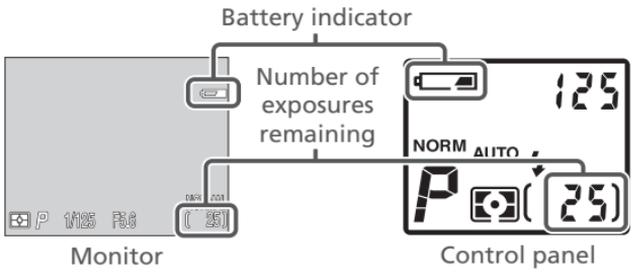
Control panel

Monitor	Control Panel	Meaning	Camera status
None		Battery fully charged.	Camera functions normally.
		Low battery. Charge EN-EL1 as soon as possible or ready a new 2CR5 (DL245) battery.	As above, except that monitor will go blank after using flash as flash recharges.
(Flashes)	(Flashes)	Battery exhausted. Recharge EN-EL1 or replace with fully charged EN-EL1, or use a new 2CR5 (DL245) battery.	No pictures can be taken until battery has been recharged or replaced.

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📝 **Auto Power Off**

To save power, the camera will enter "sleep" mode if no operations are performed for the period of time specified in the **Auto Off** menu (default 30 seconds; 🔊 133). In sleep mode, the monitor or viewfinder turn off and all camera functions are deactivated. The camera itself is effectively off. To reactivate the camera, press **DISP** or press the shutter-release button halfway.

🔍 **The 🔲 / SEL Button**

Press the 🔲 / SEL button to switch between the monitor and viewfinder when the monitor is open. The monitor and viewfinder display the same contents.

Step 2—Select User Set A

The following steps assume the camera is in the automatic "point and shoot" mode, User Set A. When you first use the camera, it will be set to User Set A by default. If a ▥, ▨, or ▩ appears in the upper left corner of the monitor or viewfinder, the camera is set to User Set 1, 2 or 3 respectively. For details on setting the camera to User Set A, see "Choosing a User Set" (👆 68).

Step 3—Adjust Camera Settings (Optional)

In User Set A, you can use the ⚡⊚, ⚘⊙, ⊕, and ▥▥▥ buttons to control the settings listed in the following table. The default settings, suitable for most situations, are also shown below. Refer to the rightmost column page numbers for information on changing these settings. This section assumes that the defaults are used.

Setting	Default	Description	Control	👆
Flash mode	Auto	Speedlight pops up and fires automatically in poor lighting.	⚡⊚	62
Focus mode	Autofocus	Camera focuses automatically at distances over 50 cm (1′8″).	⚘⊙	53
Image quality	NORMAL	Pictures compressed for balance between quality and file size that is ideal for snapshots.	⊕	49
Image size	FULL	Pictures are 2,560 × 1,920 pixels in size.	⊕ + ⊜	51
Continuous mode	Single	Camera records one picture each time shutter-release button is pressed.	▥▥▥	104

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Step 4—Frame the Shot

After adjusting camera settings, you are ready to frame your shot.

4.1 **Ready the camera**

To prevent camera shake, hold the camera steadily in both hands. Switch between the monitor or viewfinder, whichever best suits your shooting conditions, by pressing the ⬚ / SEL button.

Avoid pressing buttons on side of camera while shooting

To avoid blocking red-eye reduction lamp, keep fingers below ridges on camera grip

✐ Don't Block the Shot

To avoid dark or partially obscured pictures, keep your fingers and other objects away from the lens, flash, and photocell. Ridges on the camera grip also keep your fingers from blocking the red-eye reduction lamp when holding the camera.

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4.2 Frame your subject

Subjects can be framed in the monitor or viewfinder using the zoom button to adjust the camera's 8× optical zoom lens. Press ⓦ (wide) to zoom out from your subject. Press ⓣ (telephoto) to zoom in on your subject. The degree of zoom is shown in the monitor or viewfinder.

When the camera is zoomed all the way in, holding ⓣ down for two seconds activates digital zoom and "zooms" in another 4× (🔍 60) for a total zoom factor of 32×. The degree of digital zoom is shown next to the optical zoom indicator.

Zoom out   Zoom in
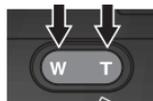
Degree of zoom shown in monitor or viewfinder while zoom button is pressed

🔍 Do Not Obstruct the Built-in Speedlight

- In User Set A, if the flash mode is set to auto (the default setting), red-eye reduction, or slow sync and additional light is required for correct exposure, the built-in Speedlight will pop up automatically when the shutter-release button is pressed halfway. When set to fill-flash, the built-

in Speedlight will pop up whenever the shutter-release button is pressed halfway. If your finger or another object obstructs the Speedlight, preventing it from popping up when the shutter-release button is pressed halfway, the flash will not fire and a message will appear in the monitor.

- The Speedlight must be lowered by hand. Push the flash down gently until it clicks back into place.

Step 5—Focus and Shoot

5.1 Focus

In User Set A, the camera automatically focuses on the subject in the center of the frame. To lock focus, press the shutter-release button halfway and check the status of the autofocus (AFO) and flash-ready indicators (SBO), shown right, in the monitor or viewfinder.

The following table explains the status of the autofocus and flash-ready indicators. Note that when focus mode is set to infinity, the autofocus indicator will not appear.
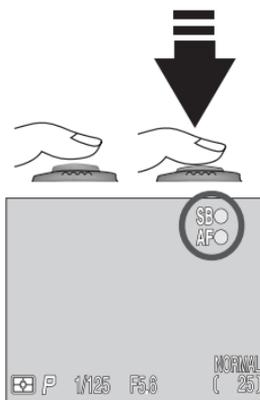
Indicator		Meaning
Autofocus indicator	Green	Subject in focus.
	Green (flashes)	Camera unable to focus on subject. Use focus lock (■ 56) to focus on another subject at same distance, then recompose the picture.
Flash-ready indicator	Red	Speedlight will fire when picture is taken.
	Red (flashes)	Speedlight charging. Remove finger briefly from shutter-release button, then try again.
	None	Speedlight not required or set to "off".

🗽 Custom Focus Settings (User Sets 1, 2, and 3)

In User Sets 1, 2, and 3, manual focus (■ 80) can be used in situations in which the camera is unable to focus using autofocus. Manual or automatic focus-area selection (■ 112) can be used to focus on an off-center subject without using focus lock.

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5.2 Take the picture
- To take a picture, smoothly press the shutter-release button all the way down.
- If necessary, the built-in Speedlight will pop up and fire.
- Jabbing the shutter-release button will cause the camera to shake and result in blurred pictures. Smoothly press the shutter-release button all the way down.
- After you have taken your picture, the quick delete icon (🗑→DELETE) will be shown in the monitor for a few seconds while the picture is being recorded to the memory card (📖 67).
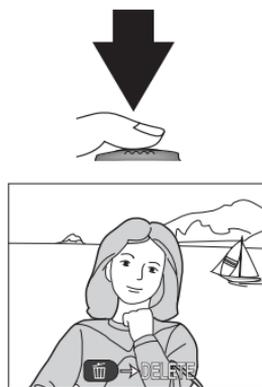
✔ During Recording

While pictures are being recorded to the memory card, a 📑 icon will be displayed in the monitor. Pictures taken while earlier images are being recorded are stored in a temporary memory buffer. When the buffer is full, an hourglass (⏳) icon will be displayed and the shutter release will be disabled.

Do not turn the camera off, remove the memory card, or remove or disconnect the power source while ⏳ or 📑 is displayed.

🔍 Display Delay

When shooting, the image sent from the imaging chip (CCD) is processed and displayed in the monitor or viewfinder. This processing causes the displayed image to be slightly behind the actual movements of the subject. When shooting fast moving subjects, select **Quick Response** from the **Shutter Release Speed** menu in the **Monitor Options** menu (📖 126).

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Step 6—Put the Camera Away

When you have finished using the camera, follow these steps before putting the camera away.

6.1 **Turn the camera off**
Turn the camera off to save battery power.

6.2 **Lower the built-in Speedlight**
If the built-in Speedlight is raised, lower it by gently pushing it down.
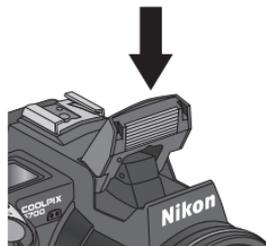
6.3 **Close the monitor and replace the lens cap**
Close the monitor and replace the lens cap to protect the monitor and lens from dust and fingerprints.

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Reviewing Your Pictures

Digital cameras allow you to see the results of your pictures immediately after shooting, letting you to use the results of earlier attempts to improve your next picture. Your COOLPIX camera allows you to review your pictures while the camera is still in ⬛ (shooting) mode. Use either quick review or full-screen review to look over your pictures.

When the camera is in ⬛ (shooting) mode, press QUICK once to display the most recent image at the top left corner of the monitor or viewfinder (quick review), or twice to display the image full screen (full-screen review). Pressing the button a third time returns to the view through the lens.

Shooting Mode

Quick Review
The most recent picture is displayed in the top left corner of the monitor or viewfinder.

Full-Screen Review
The picture shown in quick review is enlarged to occupy the whole screen.

Press QUICK to access quick review and full-screen review in ⬛ (shooting) mode.
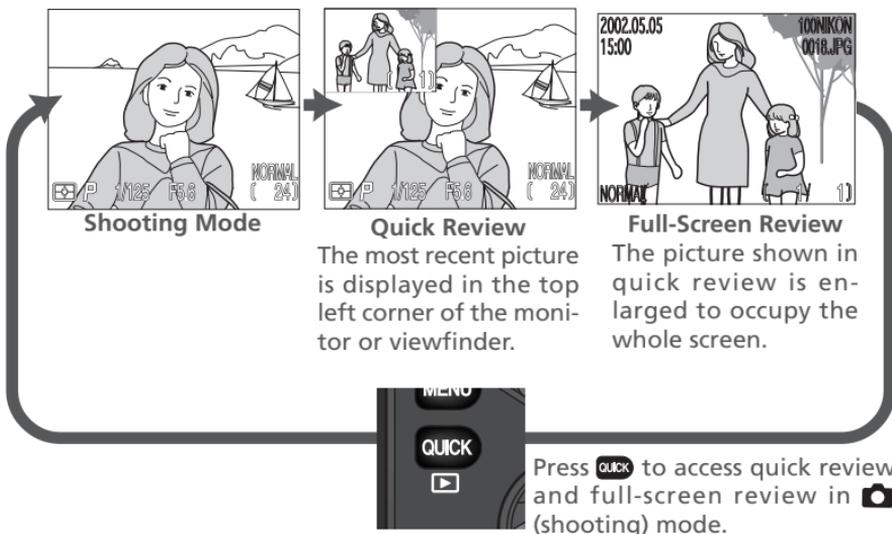
- Press the multi selector up or left to display pictures taken before the current picture, down or right to display pictures taken after the current picture.

- When viewing pictures in quick review or full-screen review, you can press the shutter-release button at any time to stop reviewing your pictures, return to ⬛ (shooting) mode, and take a new picture.

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Quick Review

The following options are available in quick review.

To	Use	Description
View other pictures		Press multi selector up or left to view images recorded before current picture, down or right to view images recorded after current picture. Hold multi selector down to scroll rapidly to desired frame number without viewing intervening images.
View picture full screen	QUICK	Enter full-screen review (see next section) with current picture displayed full screen.
Return to shooting mode	Shutter-release	Press shutter-release button halfway to return to shooting mode and focus. Press all the way down to return to shooting mode and take a picture.

Full-Screen Review

The following options are available in full-screen review.

To	Use	Description
View other pictures		Press multi selector up or left to view images recorded before current picture, down or right to view images recorded after current picture. Hold multi selector down to scroll rapidly to desired frame number without viewing intervening images.
View multiple images	⊞ (🄦)	Press ⊞ (🄦) button to display small thumbnail previews, up to nine images at a time (🖼 35).
Delete current picture	🗑	A confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. DELETE 1 ERASE IMAGES YES OR NO ? No ▷ Yes ◆SELECT ▷SET • Select **No** to exit without deleting picture • Select **Yes** to delete picture
Zoom picture in	Q (🄣)	Press Q (🄣) for an enlarged view of current picture, up to 6.0×. When picture is zoomed in, use multi selector to view areas of image not visible in monitor or viewfinder. To cancel zoom, press 🄦. While image is zoomed in, Q icon and zoom ratio are displayed in upper left corner of monitor or viewfinder.
View image information	⊜	Rotate command dial to view additional information about current picture (🖼 88).

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To	Use	Description
Return to shooting mode	Shutter-release/ QUICK	Press QUICK button to end review and return to shooting mode. To return to shooting mode and focus, press shutter-release button halfway. Press shutter-release button all the way down to return to shooting mode and take a picture.

Playback (▶) Mode

Besides using quick review and full-screen review or playback, you can also use playback mode to view your pictures. Playback mode allows you to delete several images at once, to protect images from deletion, and also to hide images so that they will not be displayed in the monitor during review. To access playback mode set the mode selector to ▶ (🔄 83).

Thumbnail Review

Pressing the ▦ (◄) button in full-screen review displays a menu of four thumbnail images. The following options are available in thumbnail review.

To	Use	Description
Highlight images		Press the multi selector up, down, left, or right to highlight thumbnails.
Page through images	⊖	Rotate command dial to scroll through thumbnails a page at a time.
Change number of images displayed	▦ (◄)/ Q (▼)	With four thumbnails displayed, press ▦ (◄) button once to view nine thumbnail images. Press Q (▼) to "zoom in" from nine thumbnails to a four-thumbnail view or, when four thumbnails are displayed, to view highlighted image full size.
Delete selected image	🗑	A confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. DELETE 1 ERASE IMAGES YES OR NO ? No ▷ Yes ◆SELECT ▷SET • Select **No** to exit menu without deleting picture • Select **Yes** to delete picture
Return to shooting mode	Shutter-release/ QUICK	Press QUICK button to end review and return to shooting mode. To return to shooting mode and focus, press shutter-release button halfway. Press shutter-release button all the way down to return to shooting mode and take a picture.

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Doing More

with Your

Digital Camera

Connecting to a Computer

🔆 *38–45*

Viewing Pictures on a TV / VCR

🔆 *46*

This chapter is divided into the following sections :

Connecting to a Computer
Shows you how to connect your camera to a computer and save pictures to the hard disk.

Viewing Pictures on a TV / VCR
Takes you through the steps necessary to connect your camera to a television or VCR and view pictures on the television screen.

Connecting to a Computer

Your Nikon digital camera stores pictures as digital data. Instead of making the trip to a developer and getting negatives, you can simply copy your pictures to a computer for long-term storage using the Nikon View 5 software provided with your camera. Once transferred to your computer, your pictures can be viewed, printed, sent to your acquaintances via e-mail, or saved to a Zip disk or other removable media for delivery to a photofinisher. Any copies stored on the memory card after transfer can be deleted to make way for new pictures, which you can then add to the growing digital photo album on your computer.

Before You Begin: Installing Nikon View 5

Before copying pictures to your computer, you will need to install Nikon View 5, an application that allows you to transfer pictures from the camera memory card to a computer hard disk and view them on the computer monitor. To install Nikon View 5, you must have a computer running one of the following operating systems:

Windows	Pre-installed versions of Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Windows Millennium Edition (Me), or Windows 98 Second Edition (SE).
Macintosh	Mac OS 9.0, 9.1, 9.2, Mac OS X (10.1.2 or later). Only models with built-in USB ports supported.

The first step to installing Nikon View 5 is to read the installation instructions. These are included on the reference CD provided with your camera.

1 Insert the reference CD
After turning on your computer and waiting for the operating system to start up, place the reference CD in a CD-ROM drive.

If you are using a Macintosh computer, the reference CD window will open automatically on the desktop. Windows users will need first to double-click the **My Computer** icon and then the **Nikon** icon to open the reference CD window.

2 Install Adobe Acrobat Reader

The installation instructions are in Portable Document Format (PDF). To view the instructions, you will need Adobe Acrobat Reader 4.0 or later. If you have already installed this version of Acrobat, proceed to Step 3.

To install Adobe Acrobat Reader, open the folder for the language of your choice and double-click the installer icon. The installer start-up screen will be displayed; follow the on-screen instructions to complete installation.

Installer icon (Windows) Installer icon (Macintosh)

Start-up screen (Windows) Start-up screen (Macintosh)

3 Read installation instructions for Nikon View 5

Once you have installed Adobe Acrobat Reader, double-click the **INDEX.pdf** icon in the root directory of the reference CD to view a clickable index of the documentation available for Nikon View 5. Follow the links to view the installation instructions for your computer system. If desired, you can print the installation instructions using the **Print…** command in the Acrobat **File** menu, and follow along during installation of Nikon View 5.

✐ **Already Have Nikon View?**

In order to transfer pictures to your computer using the USB cable, the COOLPIX5700 requires the version of Nikon View 5 provided with the camera. If you have a version of Nikon View that was included with another Nikon digital camera, you will need to upgrade to the version provided with the COOLPIX5700.

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Making the Connection: Connecting to Your Computer

Once you have installed Nikon View 5, you are ready to transfer photographs and movies to your computer. Pictures can be transferred via a direct USB connection between the camera and computer, or by removing the memory card from the camera and inserting it in a card reader or PC card slot.

Direct Connection: Connecting Your Camera by Cable

If your computer has a built-in USB interface, you can connect it to your camera using the UC-E1 cable provided.

1 Turn the computer on

2 Connect the camera and computer
Connect the UC-E1 USB cable as shown below. Use the flat connector for connection to the computer, and connect the other end of the cable to the camera's USB connector. Do not connect the camera via a USB hub or keyboard.
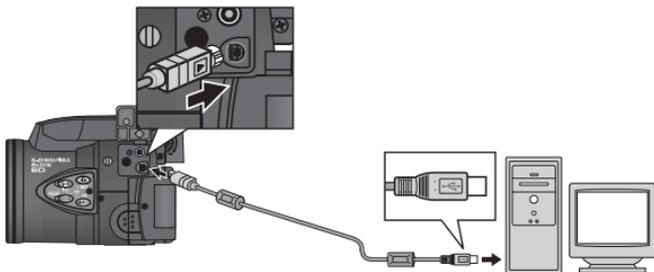
✐ Before Connecting the Camera

Be sure to install Nikon View 5 *before* connecting your camera.

✐ Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional

When installing, uninstalling, or running Nikon View 5 under Windows XP Home Edition or Windows XP Professional, log in as the "Computer administrator." When installing, uninstalling, or running Nikon View 5 under Windows 2000 Professional, log in to the Administrator account.

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3 Turn the camera on
Turn the camera on. Nikon View 5 will detect the camera and the Nikon Transfer window will automatically be displayed. For details, see the *Nikon View 5 Reference Manual* (on CD). While the UC-E1 USB cable is connected, the camera monitor will remain off, $\begin{smallmatrix} \text{\tiny -} \\ \text{\tiny -} \end{smallmatrix}$ will appear in the control panel and all controls except the power switch will be inactive.

4 Transfer pictures to your computer
To copy all pictures on the memory card to your computer, select **All images** from the **Image transfer rule** menu in the Nikon Transfer window and click the $\sim$ button to begin transfer. While pictures are being copied to the computer, do not:
• Disconnect the USB cable.
• Turn the camera off.
• Remove the memory card.

Transfer button

5 View pictures
When transfer is complete, the pictures that have been copied to your computer's hard disk will be displayed in Nikon Browser. See the *Nikon View 5 Reference Manual* (on CD) for details of the operations that can be performed.

Selecting Pictures for Transfer

To copy only pictures marked for transfer using the **Auto Transfer** option in the PLAY BACK menu (155), select **Images marked for transfer** from the **Image transfer rule** menu before clicking the $\sim$ button in the Nikon Transfer window.

Transferring Ultra HS Images

Before transferring pictures to the camera for the first time, make sure to click **Change...** in the Image Transfer window to display the **File Destination and Naming** dialog. Check **Copy folder names from camera**. This will ensure that each sequence of pictures created at a setting of **Ultra HS** (104) will be copied to a separate folder on your computer. See the *Nikon View 5 Reference Manual* (on CD) for details.

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6 Remove the camera from the system
If **PTP** is selected in the camera **USB** menu (📖 143), turn the camera off and disconnect the USB cable. If **Mass Storage** is selected, you must remove the camera from the system as follows before disconnecting the cable or turning the camera off:

Windows XP Home Edition/Windows XP Professional
Click the "Safely Remove Hardware" icon (🔌) in the taskbar and select **Safely remove USB Mass Storage Device** from the menu that appears.

Windows 2000 Professional
Click the "Unplug or Eject Hardware" icon (🔌) in the taskbar and select **Stop USB Mass Storage Device** from the menu that appears.

Windows Millennium Edition (Me)
Click the "Unplug or Eject Hardware" icon (🔌) in the taskbar and select **Stop USB Disk** from the menu that appears.

Windows 98 Second Edition (SE)
In **My Computer**, click with the right mouse button on the removable disk corresponding to the camera and select **Eject** from the menu that appears.

Mac OS X
Drag the "NO_NAME" camera volume into the Trash.

Mac OS 9
Drag the "untitled" camera volume into the Trash.

Mac OS X   Mac OS 9

Once you have removed the camera from the system, you can disconnect the interface cable or turn the camera off.

✐ **Viewing RAW Pictures in Mac OS 9**

Before using the Nikon View 5 (version 5.1) to display pictures taken at a camera image-quality setting of RAW (👁 49), allocate at least 72 MB of memory to Nikon View 5. If you attempt to open RAW images without increasing the amount of memory allocated to Nikon View 5, the pictures will not be opened; instead, the computer will display a message prompting you to increase the memory allocation.

🔍 **Use a Reliable Power Source**

When transferring data between the camera and the computer, be sure that the battery is fully charged. If in doubt, recharge the battery before beginning transfer or use the EH-53 AC adapter or EH-21 AC adapter/battery charger (both available separately).

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Reading Pictures from Memory Cards

If you have a CompactFlash™ card reader or your computer is equipped with a PC card slot, you can transfer pictures directly from the memory card. Before inserting the memory card in a card reader or card slot, turn the camera off and remove the card from the camera.

1 Turn the computer on
Turn the computer on and wait for the operating system to start up.

2 Insert the memory card
If you are using a PC card slot, insert the memory card into a PC card adapter (see note below), and then insert the adapter into the PC card slot. If you are using a card reader, insert the memory card directly into the card reader. If installed, Nikon View 5 will detect cards from Nikon digital cameras and start automatically. See the *Nikon View 5 Reference Manual* (on CD) for information on transferring pictures to your computer.

✐ CompactFlash™ Card Readers

Before using a card reader, be sure to read all documentation provided by the manufacturer.

✐ PC Card Adapter

To read CompactFlash™ memory cards using a PC card slot, you will require an EC-AD1 PC-card adapter (shown at right), available separately from Nikon.

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✍ **Removing the Memory Card**

Be sure that transfer is complete before removing memory cards from the card reader or PC card slot.

Before removing the memory card from a PC card slot or card reader, you will need to remove the card from the system:

Windows XP Home Edition/Windows XP Professional
Click the "Safely Remove Hardware" icon (🛇) in the taskbar and remove the memory card from the system.

Windows 2000 Professional/Windows Millennium Edition (Me)
Click the "Unplug or Eject Hardware" icon (🛇) in the taskbar and remove the memory card from the system.

Windows 98 Second Edition (SE)
In **My Computer**, right click on the removable disk corresponding to the memory card and select **Eject** from the menu that appears.

Mac OS X
Drag the "NO_NAME" volume that represents the memory card into the Trash.

Mac OS 9
Drag the "untitled" volume that represents the memory card into the Trash.

Viewing Pictures on a TV / VCR

Using the audio/video cable provided with your camera, you can connect the COOLPIX5700 to a TV or VCR.

1 **Connect the cable to the camera**
Connect the black plug to the camera's A/V OUT connector.
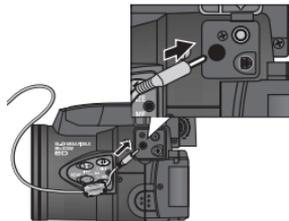
2 **Connect the cable to the video device**
Connect the yellow plug to the video-in jack on the TV or VCR. Connect the white plug to the audio-in jack.
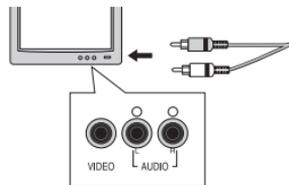
3 **Set TV to the video channel**

4 **Turn camera on and set the mode selector to** ▶ **(playback) mode**
The TV will display what would normally be shown in the camera monitor or viewfinder, and the camera monitor or viewfinder will turn off.

Auto Off

When using the camera with the EN-EL1 battery (provided) or a 2CR5 (DL245) (available separately), the camera will turn off automatically if no operations are performed for a specified period of time. Output to the TV will stop and the screen will go blank, however, pressing the shutter-release button half-way or pressing the DISP button will restart output to the TV. The time limit for auto power off can be chosen from 30 seconds (the default setting), one minute , five minutes, and 30 minutes using the **Auto Off** menu (133). When using a battery, we recommend choose a later time limit. For extended use, connect the camera to an optional AC adapter.

Choosing a Video Mode (142)

The **Video Mode** menu offers a choice of NTSC and PAL standards for video output. Be sure that the standard selected matches that of any video device to which you connect the camera.

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Taking Pictures

The Details

This section covers operations available in 🔘 (shooting) mode. By default, the camera is set to User Set A, the automatic point and shoot mode, where most settings are controlled by the camera. To gain wider control over the camera settings, access User Sets 1, 2 or 3.

Using the Camera Controls (All User Sets)
Contains information on the most frequently-used camera controls: zoom, image quality and size, focus, flash, and exposure compensation.

Choosing a User Set
Shows you how to choose a User Set. User Sets allow you to record frequently used combinations of camera settings.

Using the Camera Controls (User Sets 1, 2, 3)
Details the extra controls available in User Sets 1, 2, and 3.

Using the Camera Controls

Making Effective Use of Memory: Image Quality and Size

Image quality and size determine the file size for each image. File size determines the number of images that can be stored on a memory card. The table below shows how image quality and size settings affect the number of images that can be stored on 16 MB, 32 MB, and 64 MB memory cards. The numbers below are approximate. File size of images depends on the scene recorded, producing wide variations in the number of images that can be stored. The actual number of remaining images that can be taken will be displayed in the control panel and monitor or viewfinder while shooting (⚏ 6, 8).

Card	Image Quality	Image Size					
		FULL	**UXGA**	**SXGA**	**XGA**	**VGA**	**3:2**
16 MB	**RAW**	1	—	—	—	—	—
	HI	1	—	—	—	—	1
	FINE	6	16	24	37	86	7
	NORMAL	12	31	47	69	144	14
	BASIC	25	59	86	121	229	27
32 MB	**RAW**	3	—	—	—	—	—
	HI	2	—	—	—	—	2
	FINE	13	32	50	75	173	14
	NORMAL	26	62	95	139	289	28
	BASIC	51	118	173	243	459	55
64 MB	**RAW**	7	—	—	—	—	—
	HI	4	—	—	—	—	4
	FINE	26	65	100	151	347	29
	NORMAL	52	125	190	278	578	57
	BASIC	103	236	347	488	918	111

Image Quality

Images can be compressed using *JPEG* compression when saved to the memory card. This results in smaller files that take up less space on the memory card, but at high levels of compression, a perceptible loss of image detail may occur. Images can also be saved in uncompressed NEF or TIFF formats, which preserves detail but takes up more space on the memory card.

Option	File Type	Compression Ratio*	Quality	Description
RAW	**NEF**	None	**High**	Raw uncompressed CCD data saved directly to memory card in Nikon Electronic Format (NEF). Only available at an image size of FULL. File size smaller than HI images. **Black&White** can not be selected from **Saturation Control** menu (108).
HI	**TIFF**			High image quality. Image stored as TIFF file with no compression. TIFF files supported by many graphics applications. Quality on a par with RAW images. Only available at image sizes of FULL or 3:2.
FINE	**JPEG**	1 : 4		Fine image quality, suitable for enlargements or high-quality prints.
NORMAL	**JPEG**	1 : 8		Normal image quality, suited to most applications.
BASIC	**JPEG**	1 : 16	**Low**	Basic image quality, suitable for pictures for electronic distribution.

* Compression ratios are approximate

To select an image-quality setting, press the ⊕ button repeatedly until the desired setting is displayed in the control panel, and monitor or viewfinder. The image quality setting cycles as follows: NORMAL, FINE, HI, RAW and BASIC.

Press
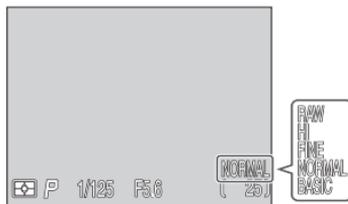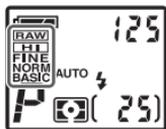
Image quality displayed in control panel, or monitor or viewfinder

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✎ NEF File Format

The Nikon Electronic Format (NEF) is Nikon's proprietary graphic format, and requires Nikon View 5 or Nikon Capture 3 (available separately) to be viewed. NEF images can be saved and edited on a computer without any degradation in quality.

🔍 RAW Images

RAW (NEF) images can only be viewed with Nikon View 5 and Capture 3 (available separately). To view RAW images with other applications, first convert the RAW images into HI (TIFF) pictures using the **Convert RAW to HI** option in full-screen review (👁 85). The converted image file will have a new name and the .NEF extension will be changed to .TIF. The TIFF format is supported by most graphics applications.

Image Size

Image size is measured in pixels. At a given image quality setting, smaller image sizes require less space to store, making them suitable for electronic distribution. Conversely, the larger the image, the larger prints can be made without loss of detail.

Option	Size (pixels)	Print Size
FULL (NO ICON)	2560 × 1920	22 × 16 cm (8$\frac{1}{2}$″ × 6″)
UXGA	1600 × 1200	14 × 10 cm (5$\frac{1}{2}$″ × 4″)
SXGA	1280 × 960	11 × 8 cm (4″ × 3″)
XGA	1024 × 768	9 × 6 cm (3$\frac{1}{2}$″ × 2″)
VGA	640 × 480	5 × 4 cm (2″ × 1$\frac{1}{2}$″)
3 : 2	2560 × 1704	22 × 14 cm (8$\frac{1}{2}$″ × 5$\frac{1}{2}$″)

Print Size

The size of images when printed depends on the resolution of the printer (the higher the resolution, the smaller the final print size). The approximate sizes given above assume a resolution of around 300 dpi (dots per inch).

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To choose an image size, rotate the command dial while pressing the ⬤ button. The image size setting cycles as follows: FULL, UXGA, SXGA, XGA, VGA and 3:2.


Press

Rotate command dial
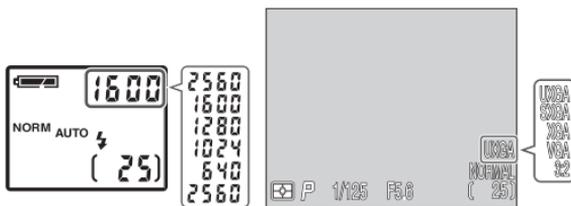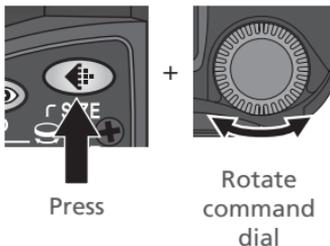
Image size displayed in monitor or viewfinder. While dial is rotated, control-panel shutter-speed/aperture display shows width of image in pixels.

Focus Mode: The � Button

Choose a focus mode according to your subject and composition.

Setting	How it works	When to use it
NO ICON Autofocus	Camera automatically adjusts focus according to distance to subject.	Use with subjects 50 cm (1′8″) or more from lens.
▲ Infinity	Focus is fixed at infinity, allowing camera to focus on distant scenes. Speedlight is disabled.	Use when shooting distant scenes through foreground objects such as a window.
❀ Macro close-up	When ❀ turns yellow, camera can focus on objects as close as 3 cm (1.2″, measured from lens). See note on next page.	Use for close-ups.
⏱ Self-timer	Combines macro close-up (see above) at distances of 3 cm (1.2″) or more with shutter release delay of 3 s or 10 s.	Use the 3 s delay to prevent pictures from blurring, especially when using macro close-up. Use the 10 s delay for self portraits.

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To select the focus mode, press the ⬤ button repeatedly until the desired setting is displayed in the control panel and monitor or viewfinder. The focus mode cycles as follows: autofocus (no icon), infinity (▲▲), macro close-up (✿), self-timer (⟳).

Press

Focus mode displayed in control panel and monitor or viewfinder. At setting of infinity, ▲▲ icon appears in monitor or viewfinder and control panel.

✒ **Getting Good Results with Autofocus**

Autofocus performs best when:

- There is contrast between the subject and the background. For example, autofocus may not perform well on subjects that are the same color as the background.
- The subject is evenly lit.

Autofocus does not perform well when:

- You attempt to focus simultaneously on two or more objects at different distances from the camera. For example, autofocus may not perform well when photographing an object inside a cage, because the bars of the cage will be closer to the camera than the main subject, and both the bars and the main subject will be in the focus area.
- The subject is very dark (the subject should not, however, be too much brighter than the background).
- The subject is moving rapidly.

If the camera is unable to focus using autofocus, the autofocus indicator will flash in the monitor or viewfinder when the shutter-release button is pressed halfway. Use focus lock (🌀 56) to focus on another subject at the same distance, or use manual focus (🌀 80).

🔍 **Macro Close-Up**

When the camera is zoomed out to or past the middle optical zoom position, the macro close-up icon (🌷) in the monitor or viewfinder will turn yellow, indicating that macro close-up can be used to focus on objects as close as 3 cm (0.8″) from the lens. To minimize distortion when shooting flat objects such as printed text or business cards, however, we recommend that you zoom the camera in and adjust the range until you find a distance at which focus can be achieved.

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Focus and Exposure Lock

At times, your subject may not be at the center of the final composition or autofocus will not give good results (🔍 55). If so, when the shutter-release button is pressed halfway, the camera will not focus as expected and the main subject may not be in focus. Focus lock allows you to adjust the composition after focusing on your subject.

1 Focus
  Position the subject in the center of the monitor or viewfinder and press the shutter-release button halfway.
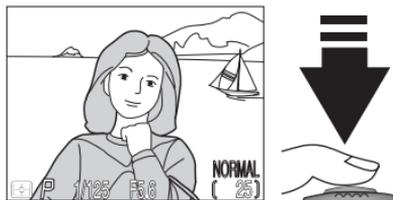
2 Check the autofocus indicator
  When the subject is in focus, the autofocus indicator will be displayed in the monitor or viewfinder. Focus will remain locked while the shutter-release button is pressed halfway.

3 Recompose the picture and shoot
  Keeping the shutter-release button pressed halfway, recompose your picture. Press the shutter-release button the rest of the way down to shoot.

  Do not change the distance between the camera and your subject while focus lock is in effect. If your subject moves, remove your finger from the shutter-release button and focus again at the new distance.
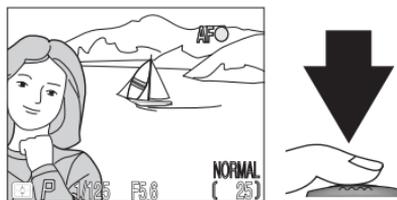
✎ **AE/AF LOCK Button: Locking Focus and Exposure**

By default, pressing the AE/AF LOCK button when the camera is in focus locks both focus and exposure. The **Controls**: **AE-L, AF-L** option in the SET-UP menu (🔅 131) can be used to set the AE/AF LOCK button to lock just focus or just exposure. With focus set to lock, you can adjust exposure without refocusing the camera. With exposure set to lock, you can refocus the camera without adjusting exposure. You can improve results by manually selecting the center focus area (🔅 112) and setting metering to spot or central-weighted metering (🔅 103).

Delaying Shutter Release: Self-Timer Mode

When the self-timer is used, the camera will not take a picture until either three or ten seconds after the shutter-release button is pressed. The three-second timer prevents pictures from being blurred by camera movement that occurs when the shutter-release button is pressed. This feature is most useful when taking low-light or close-up shots with the flash turned off. The ten-second timer is generally used for pictures in which you wish to appear yourself, giving you time to position yourself in front of the camera after pressing the shutter-release button.

To use the self-timer:

1 Position the camera
Mount the camera on a tripod (recommended) or rest it on a flat, stable surface.

2 Select a self-timer mode
Press the ◀☁️⏱ button repeatedly until the self-timer icon (⏱) is displayed. The macro close-up icon (🌷) will also be displayed to indicate that macro close-up pictures can also be taken.
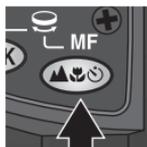
Press

Self-timer and macro close-up icons displayed in control panel and monitor or viewfinder

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3 Compose the shot and focus

Adjust camera settings, compose the shot, and press the shutter-release button halfway to focus.

4 Start the timer

Press the shutter-release button all the way down to activate the timer. Press once for a ten-second delay, twice for a three-second delay, and three times to stop the timer.

When the shutter-release button is pressed, the camera will beep and the self-timer lamp below the shutter-release button will start to blink. The lamp will continue to blink until one second before the picture is taken. The self-timer lamp will stay lit during the final second to warn that the shutter is about to be released.

Full press

Count-down timer in monitor or viewfinder shows number of seconds remaining until picture is taken

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Optical and Digital Zoom: The W T Button

Your camera offers two kinds of zoom: optical zoom, in which the camera's telescoping lens can be used to magnify the subject up to 8×, and digital zoom, which magnifies the image up to a further 4× (a total zoom factor of 32×).

Optical Zoom

Pictures can be framed in the viewfinder or monitor using the zoom button.

Press W to zoom out

Press T to zoom in

Indicator in monitor or viewfinder displays degree of zoom while either button is pressed

Digital Zoom

At the maximum optical zoom position, holding the T button down for two seconds starts digital zoom.
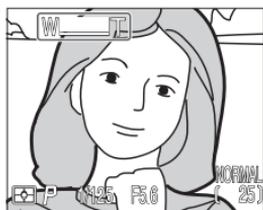
Maximum optical zoom position

Hold T for 2 s
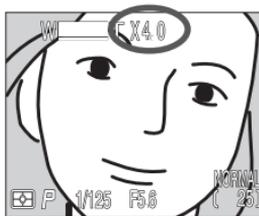
Zoom factor displayed in monitor or viewfinder

When digital zoom is on, the zoom factor increases each time T is pressed, to a maximum of 4×. Pressing W decreases the zoom factor. To cancel digital zoom, press W until the zoom factor is no longer displayed.

✎ **Restrictions on Digital Zoom**

• Digital zoom is not available when:
  • Image quality is set to RAW or HI (🔖 49)
  • **Black&White** is selected in the **Saturation Control** menu (🔖 108)
  • **Multi-Shot 16** or **Ultra HS** is selected in the **Continuous** menu (🔖 104)
  • **Off** is selected for **Zoom Options**: **Digital Tele** in the SET-UP menu for User Sets 1, 2, or 3 (🔖 131)
  • **Wide Adapter** is selected in the **Lens** menu (🔖 109)
• The maximum value for digital zoom when **Movie** is selected in the **Continuous** menu is 2× (🔖 104).

🔍 **Optical vs. Digital Zoom**

In digital zoom, data from the camera's image sensor are processed digitally, enlarging the center portion of the image to fill the frame. Unlike optical zoom, digital zoom does not increase the amount of detail visible in the picture. Instead, details visible at maximum zoom are enlarged, producing a slightly "grainy" image.

In digital zoom, the camera uses the center focus area and center-weighted metering.

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Flash Mode: The ✦☻ Button

The flash mode is controlled with the ✦☻ button.

1
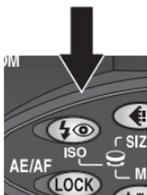
Press ✦☻ button to change flash mode.

2
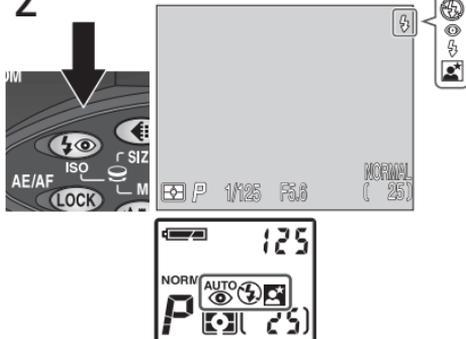
Press ✦☻ button repeatedly until desired setting is displayed in control panel, and monitor or viewfinder. At a setting of Auto, no icon appears in monitor or viewfinder.

The flash mode changes as shown below.

| AUTO ✦ Auto | → | ✦☒ Flash Cancel | → | AUTO ☻ ✦ Auto + red-eye reduction | → | ✦ Fill-flash | → | AUTO ✦ 🖼 Slow Sync |

To protect the built-in Speedlight, we recommend that you lower it when not in use.

✎ Setting the Built-in Speedlight to Manual

The built-in Speedlight can be raised by pressing the ✦☻ button when the **Speedlight Opt.**: **Pop Up** option in the SET-UP menu is set to **Manual** (🖽 136). The flash will fire whenever a picture is taken.

The flash mode changes as shown below when set to **Manual**.

| ✦ Fill-flash | → | ☻ ✦ Red-eye reduction + fill-flash | → | ✦ 🖼 Fill-flash + Slow Sync |

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The following settings are available.

Speedlight Mode	Control Panel	Monitor	Description
Auto	AUTO ⚡	NO ICON	When lighting is poor, built-in Speedlight will pop up automatically when shutter-release button is pressed halfway, and flash will fire when picture is taken. If left raised, flash will not fire when there is sufficient light.
Flash Cancel (off)	🚫⚡	🚫⚡	Flash will not fire even when lighting is poor.
Auto with red-eye re-duction	AUTO ⊙ ⚡	⊙	Same as Auto, except that the red-eye re-duction lamp fires before main flash, min-imizing "red-eye." Use for portraits (works best when subjects are well within range of flash and looking at the lamp). Because a slight delay occurs after the shutter-release button is fully pressed to allow red-eye re-duction to take effect, this setting is not rec-ommended with subjects that are moving erratically or in other situations in which you want the camera to react quickly.
Fill-flash	⚡	⚡	Flash fires whenever picture is taken. Use to "fill-in" (illuminate) shadows and back-lit subjects.
Slow Sync	AUTO ⚡ 🖼	🖼	Auto flash combined with slow shutter speed. Use to capture both subject and back-ground at night or under dim light. Use of a tripod is recommended to prevent blurring.

🔍 **Do Not Obstruct the Built-in Speedlight**

• By default, the **Pop Up** option in the **Speedlight Options** menu is set to
Auto (136). When additional light is required for correct exposure, the
built-in Speedlight will pop up automatically when the shutter-release but-
ton is pressed halfway. The built-in Speedlight will also pop up when an
external Speedlight is attached so that the photocell can
be used to correctly set exposure for the shot (138).
If your finger or another object obstructs the built-in
Speedlight, preventing it from popping up when the shut-
ter-release button is pressed halfway, the built-in Speed-
light and any external Speedlight will not fire and a message will appear in
the monitor.
• When the built-in Speedlight is raised, keep your fingers and other objects
away from the flash window and photocell.

✐ **Red-Eye Reduction Mode**

When taking photos in red-eye reduction mode, make sure
that your fingers are not obstructing the red-eye reduction
lamp.

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◉ **When Lighting Is Poor**

When lighting is poor and the flash is off (🚫) or set to slow sync (AUTO ⚡ 🎴), shutter speed slows and pictures may blur. For shutter speeds slower than $\frac{1}{30}$ s, use of a tripod is recommended. At speeds below $\frac{1}{4}$ s, the shutter-speed indicator in the monitor or viewfinder will turn yellow indicating that mottling ("noise") may appear in darker areas of the image. To reduce noise, turn **Noise Reduction** on (117).

Note that the built-in Speedlight will turn off automatically when autofocus is set to "infinity" (54). The flash also turns off when **BSS** is on (106), a setting other than **Single** is selected for **Continuous** (104), a setting other than **Normal** is selected in the **Lens** menu (109), **On** is selected for the **AE Lock** option in the **Exposure Options** menu (110), or when **Noise Reduction** is set to **Clear Image Mode** (117).

✐ **Low Batteries**

When the low battery indicator appears in the control panel (◀▭◗) and monitor or viewfinder (▭◗), and the built-in Speedlight fires, the monitor will go blank if in use while the flash charges. If the viewfinder is in use, it will remain on while the flash charges.

✐ **The Flash-Ready Indicator**

If the shutter-release button is pressed halfway while the flash is still charging, the flash-ready indicator in the monitor or viewfinder will flash. Remove your finger briefly from the shutter-release button and try again.

Exposure Compensation: The ☒ Button

The ☒ (exposure compensation) button allows you to alter exposure from the value suggested by the camera making pictures brighter or darker.

To set exposure compensation, rotate the command dial while pressing the ☒ button. Values range from –2.0EV to +2.0EV in $^1/_3$ steps. At values other than ±0.0, the ☒ icon is displayed in control panel and monitor or viewfinder. The monitor or viewfinder display the exposure compensation value.

In User Sets 1, 2 and 3, to cancel exposure compensation, set the value to ±0.0. In User Set A, exposure compensation is cancelled when the camera is turned off.

Press while rotating command dial

Exposure compensation displayed in control panel and monitor or viewfinder
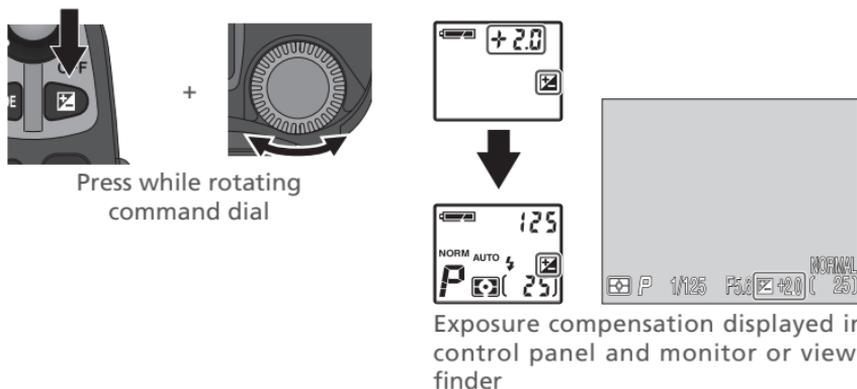
🔎 Choosing an Exposure Compensation Value

The camera may set exposure too low if large areas of the frame are very bright (containing, for example, sunlit expanses of water, sand, or snow) or the background is much brighter than the main subject. If the image in the monitor is too dark, choose a positive value for exposure compensation. Similarly, the camera may set exposure too high if large areas of the frame are very dark (containing, for example, an expanse of dark green leaves) or the background is much darker than the main subject. If the image in the monitor is too bright, choose a negative value for exposure compensation.

66

Keep or Delete: Picture Review

After you have taken your picture, the quick delete icon (🗑 ➔ DELETE) will be shown in the monitor or viewfinder for a few seconds while the picture is being recorded to the memory card. During this time, you can delete the picture.

Press the 🗑 button, a confirmation dialog will be displayed. Press the multi selector up or down to highlight an option, then press to the right to select.

• Select **No** to save the image to the memory card.

• Select **Yes** to delete the picture.

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Choosing a User Set

By default the camera is set to User Set A, where the camera controls the majority of camera settings. If you set the camera to User Set 1, 2, or 3, you can change default settings to suit your needs. Settings that can be altered in User Sets 1, 2 and 3 are as follows:

Setting	👁
Exposure Mode	70
Sensitivity (ISO)	78
Manual Focus	80
Shooting Menu Settings	100

SHOOTING menu settings for User Sets 1, 2, and 3 are stored separately. If there is a particular combination of settings you use frequently, you can select User Set 1 and set the camera to those settings. The camera will "remember" your settings even when turned off, and will automatically restore these settings the next time User Set 1 is selected. You can create further combinations of settings for User Sets 2 and 3, and switch instantly from one combination of settings to the other simply by selecting the desired User Set.

Settings for the following menu items are stored separately in each User Set. The menu icons for these settings (step 3, next page) will turn red when set to something other than the default setting.

Setting	👁		Setting	👁
White Balance	101		Image Adjustment	107
Metering	103		Saturation Control	108
Continuous	104		Lens	109
BSS	106		Image Sharpening	114

## 🔍 The FUNC Button (👁 130)

By default, the FUNC button can be used to choose a User Set without accessing the camera menus. Press the FUNC button while rotating the command dial, the selected User Set will appear in the control panel while the FUNC button is pressed.

Follow the steps below to select a User Set.

1

SET-UP
User Setting ▶
Folders
Shutter Sound
Auto Off
Seq. Numbers
CF Card Format
Date
MENU OFF ◆SELECT ▶SET
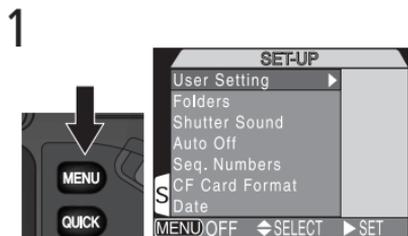
Set mode selector to ● (shooting mode). Press MENU button to enter SET-UP or SHOOTING menu

2

USER SETTING
MENU OFF ◆SELECT ▶SET
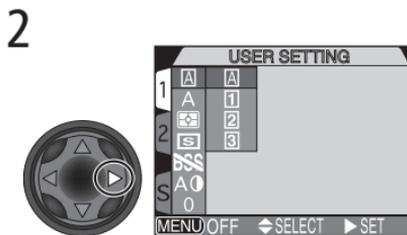
Display the list of User Sets

3

USER SETTING
MENU OFF ◆SELECT ▶SET

Highlight A, 1, 2, or 3

4
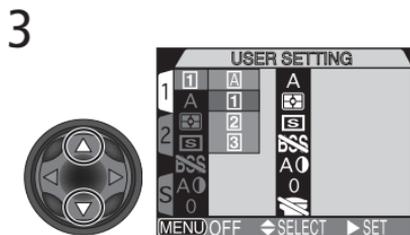
USER SETTING
MENU PAGE2 ◆SELECT ▶SET
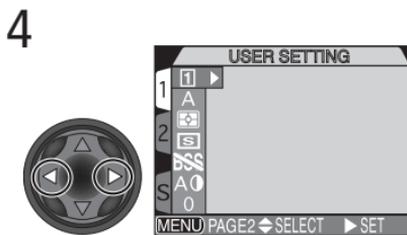
Make selection and return to SET-UP or SHOOTING menu

5

P 1/125 F5.6 NORMAL (25)
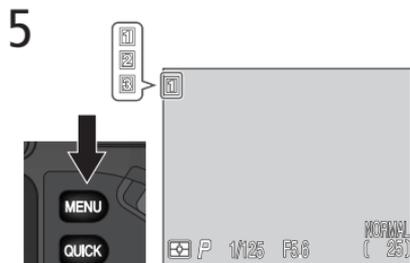
Press MENU button once or twice to exit menu. Except in case of User Set A, User Set number displayed in monitor or viewfinder

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Using the Camera Controls

This section covers settings used only when User Set 1, 2, or 3 is selected in ◯ (shooting) mode. These are in addition to the settings described in "Using the Camera Controls (All User Sets)" (📘 48).

Controlling Shutter Speed and Aperture: Exposure Mode

In User Set A, the camera automatically adjusts shutter speed and aperture. In User Sets 1, 2, and 3, you can choose from four exposure modes that can give you direct control over shutter speed and aperture. To choose the exposure mode, rotate the command dial while pressing the ⬤ᴹᴼᴰᴱ button.

The exposure mode cycles as follows: ₧ (programmed auto), ₷ (shutter-priority auto), ₳ (aperture-priority auto), and ₥ (manual).

+
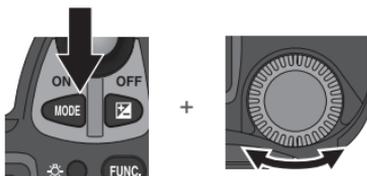
Press while rotating command dial
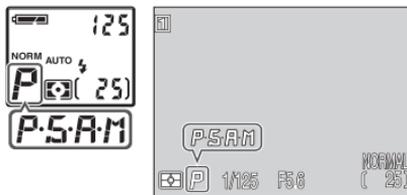
Exposure mode displayed in control panel and monitor or viewfinder

70

The following modes are available:

Mode	How it works	When to use it
P Programmed auto	Camera sets shutter speed and aperture for best exposure. Flexible program (🐢 72) and exposure compensation (🐢 66) offer a degree of control over exposure settings.	Best choice in most circumstances.
S Shutter-priority auto	User chooses shutter speed; camera sets aperture for best exposure.	High shutter speeds freeze action. Low shutter speeds suggest movement by blurring moving objects.
A Aperture-priority auto	User chooses aperture; camera sets shutter speed for best exposure.	Large apertures (small f/-numbers) soften background details and let more light into camera, increasing range of flash. Small apertures (large f/-numbers) increase depth of field, bringing main subject and background into focus.
M Manual	User chooses both shutter speed and aperture.	Use when you want complete control over exposure.

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P Programmed Auto

In programmed auto, the camera automatically adjusts shutter speed and aperture according to the amount of light available. Adjustments to exposure can be made using the flexible program (see below), exposure compensation (🔾 66) or exposure bracketing (🔾 115).

🔍 Using the Flexible Program

In User Set 1, 2, or 3, when the camera is set to programmed auto, the flexible program can be used to select different combinations of shutter speed and aperture which will produce the same exposure.

To use the flexible program, set the camera to P (programmed auto), then turn the command dial until the desired combination of shutter speed and aperture appears in the monitor or viewfinder. The shutter speed appears in the control panel. Press the 🔘MODE button to switch between displaying the shutter speed and the aperture.

An asterisk ("*") appears next to the exposure-mode indicator in the control panel and monitor or viewfinder to indicate that flexible program is in effect.

The default values for shutter speed and aperture can be restored by rotating the command dial until the asterisk ("*") is no longer displayed next to the exposure-mode indicator. Default values are also restored when another User Set is selected, the mode selector is set to ▶ (playback mode), another exposure mode is selected, or the camera is turned off.

72
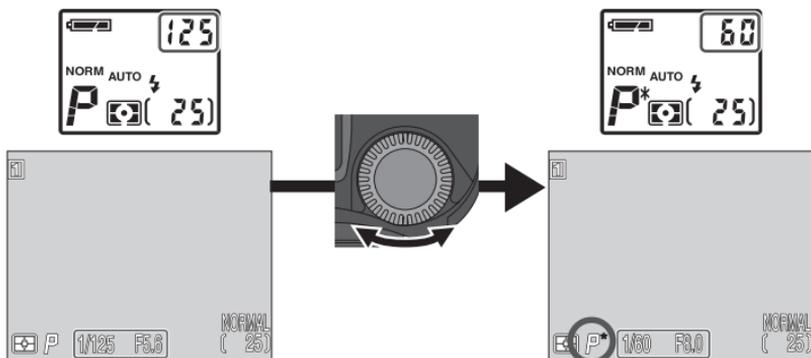
🔄 Shutter-Priority Auto

In shutter-priority auto, shutter-speed is controlled by rotating the command dial. Options range from 8 s to $^1/_{4000}$ s in increments equivalent to 1 EV (one step).

To adjust shutter speed, set the camera to 🔄 (shutter-priority auto), then rotate the command dial.
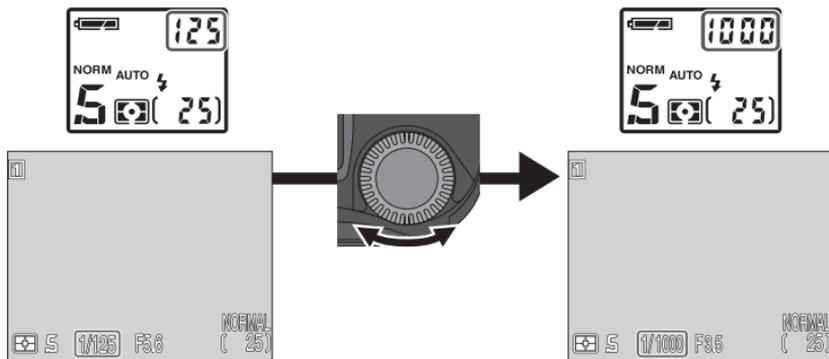
Shutter-speed displayed in control panel and monitor or viewfinder

- In 🔄 and 🅰 mode, if the selected shutter-speed or aperture would result in the picture being under- or over-exposed, the shutter speed or aperture displayed in the control panel and monitor or viewfinder will flash when the shutter-release button is pressed halfway. Choose another setting and try again.

- At shutter speeds of $^1/_4$ s or slower, the shutter-speed indicator in the monitor or viewfinder will turn yellow to show that mottling ("noise") may appear in the final picture. We recommend that you either choose a faster shutter speed or turn **Noise Reduction** on (117).

🔍 Faster Shutter Speeds

At a shutter speed of $^1/_{4000}$ s, the aperture range is restricted. At maximum wide angle, the f/-number of the lens ranges from f/5.0 to f/8.0; at maximum telephoto, the f/-number of the lens is f/7.4.

📝 Shutter-Speed Limitations

At **Continuous** settings of **Ultra HS** and **Movie** (104), the camera takes a fixed number of frames per second. Shutter speed can not be set to values slower than the frame advance rate ($^1/_{30}$ s and $^1/_{15}$ s, respectively).

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$\mathcal{A}$ Aperture-Priority Auto

In aperture-priority auto, aperture is controlled by rotating the command dial, while the camera automatically adjusts shutter speed in the range 8 s–$^1/_{4000}$ s to produce optimal exposure. Aperture varies in increments equivalent to $^1/_3$ EV ($^1/_3$ step).
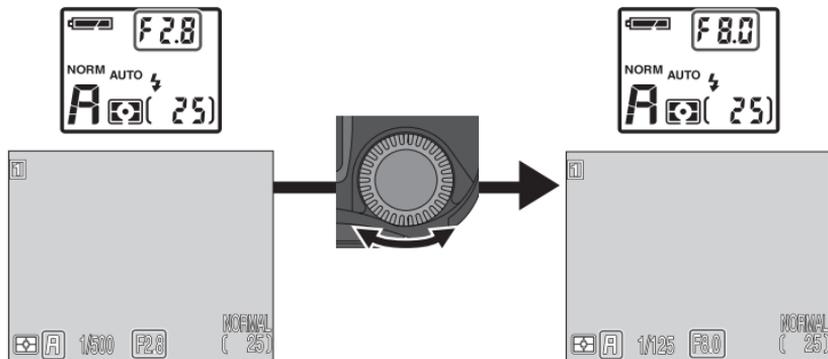
Aperture displayed in control panel and monitor or viewfinder

Aperture and Zoom

The maximum and minimum values for aperture are the maximum and minimum values for the camera lens, adjusted for the current zoom setting. Higher f/-numbers (smaller apertures) can be achieved by zooming the camera in, lower f/-numbers (larger apertures) by zooming the camera out. Unless **On** is chosen for **Fixed Aperture** in the **Zoom Options** menu (accessible from the SET-UP menu – 131), aperture will change as the camera is zoomed in or out. If, for example, you choose the second-highest aperture setting with the camera zoomed all the way out, the camera will vary the f/-number to maintain aperture at the second-highest setting for the current zoom position as you zoom the camera in.

<img> **Manual**

In manual exposure mode, you control both shutter speed and aperture. Shutter speed can be set to values between 8 s and $1/4000$ s in increments equivalent to 1 EV (one step), or the shutter can be held open indefinitely for a long time-exposure of up to five minutes (BULB). Aperture can be adjusted in increments equivalent to $1/3$ EV ($1/3$ step).

1 After choosing <img> (manual) as the exposure mode, remove your finger from the <img> button.

2 Press the <img> button again to select shutter speed or aperture. The selected item is displayed in the control panel, or in green in the monitor or viewfinder. The item selected will change each time the <img> button is pressed.

3 Rotate the command dial to set the selected item (aperture or shutter speed) to the desired value. The amount the picture would be under- or over-exposed at the selected setting is displayed in the control panel and in the exposure display in the monitor or viewfinder.

Underexposed ↔ Overexposed

-2 ± 0 $+2$

-1 $+1$

(Values in EVs)

Control panel display is in EVs, rounded to nearest EV. Value is displayed for 8 s before being replaced by exposure-count display. If image would be under- or over-exposed by more than 9 EV, display shows flashing –9 (under-exposure) or +9 (overexposure). Monitor or viewfinder exposure display shows values from –2 to +2 EV in increments of $1/3$ EV.

4 Repeat steps 2 and 3 to set the other item (shutter speed or aperture).

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⚲ **The Multi Selector**

The item not currently selected in the control panel shutter-speed/aperture display or monitor can be adjusted by pressing the multi selector left or right while the **MODE** button is held down. If aperture is displayed in green in the monitor or viewfinder, the multi selector can be used to set shutter speed, and vice-versa.

⚲ **Long Time-Exposures (BULB)**

When manual exposure mode is selected and **Continuous** set to **Single** (🔆 104), shutter speed can be set to BULB for long time-exposures of up to five minutes. With shutter speed selected in the control panel or in the monitor or viewfinder, rotate the command dial until the control panel shows *bu lb* (BULB will be displayed in the monitor or viewfinder).

At this setting, the shutter will remain open while the shutter-release button is pressed, to a maximum of 1 min (for exposures of up to five minutes, set the **Exposure Options**: **Maximum Bulb Duration** item in the SHOOTING menu to **5 min**; 🔆 110). To prevent blurring caused by camera shake, we recommend that you use a tripod and a remote shutter release such as the MC-EU1 remote cord (available separately). We also recommend that you turn **Noise Reduction** on (🔆 117) to reduce mottling ("noise").
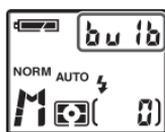
Making Movies: Movie Mode

The COOLPIX5700 can record movies up to 60 seconds in length at a rate of about 15 frames per second, with sound recorded via the camera's built-in microphone. Each frame is 320×240 pixels in size (QVGA).

1 In the SHOOTING menu, select **Continuous**: **Movie** (104).

	CONTINUOUS
S	Single
〓	Continuous High
〓	Continuous Low
〓	Multi-shot 16
	Ultra HS
☀	Movie ▷

MENU OFF ⬍ SELECT ▷ SET
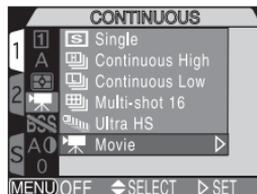
2 Press the shutter-release button all the way down to begin recording.
If the monitor is rotated to point in the same direction as the lens, the image in the monitor will be inverted. The exposure count display will show the length of the movie that can be recorded.

REC 60"

3 Press the shutter-release button all the way down again to end recording.
Recording will end automatically after 60 seconds, or sooner if no more memory is available on the memory card. The movie will be stored as a QuickTime movie file with a file name ending in ".MOV". For information on playing back your movie, see Movie Playback (90).

Movie Mode

- Digital zoom (61) can zoom up to only 2×.
- The built-in Speedlight is disabled.
- If the monitor is rotated to point in the same direction as the lens, the image in the monitor will be inverted. Playback will also be inverted.

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## **Reacting Faster to Light: Sensitivity (ISO Equivalency)**

What Is "Sensitivity"?

"Sensitivity" is a measure of how quickly your camera reacts to light. The higher the sensitivity, the less light needed to make an exposure, allowing the same exposure to be achieved with higher shutter speeds or smaller apertures. In a digital camera, increased sensitivity is similar to using a fast film: higher sensitivities allow higher shutter speeds, at the expense of mottling, or "noise" (the digital equivalent of film "grain") appearing in the final image.

Adjusting Sensitivity

In User Set A, the camera sets sensitivity automatically in response to lighting conditions. In User Set 1, 2, or 3, you can choose a fixed value for sensitivity from four possible settings. Sensitivity is set by rotating the command dial while pressing the ISO (⊛) button. The sensitivity setting cycles as follows: AUTO, 800, 400, 200, and 100.

Sensitivity is displayed in control panel and monitor or viewfinder. After ISO button is released, **ISO** icon appears in control panel when sensitivity is above 100. At setting of AUTO, AUTO is displayed in monitor or viewfinder until ISO button is released; **ISO** icon then appears whenever sensitivity is above 100.
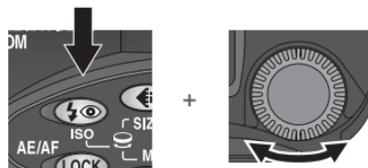
Press while rotating command dial
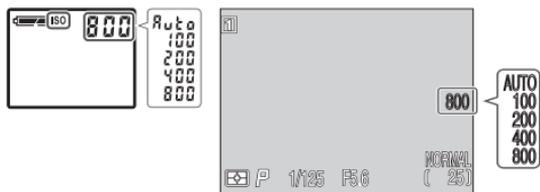
📝 **Noise**

At shutter speeds of $\frac{1}{30}$ s or slower, mottling ("noise") may appear in the final picture. We recommend that you either choose a faster shutter speed or turn **Noise Reduction** on (📖 117).

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The following settings are available:

Setting	When to use it
AUTO	Equivalent to a setting of 100 under normal conditions; when lighting is poor, however, camera automatically raises sensitivity to compensate (up to ISO 400). When sensitivity is raised above a value approximately equivalent to ISO 100, **ISO** icon appears in control panel and monitor or viewfinder.
100	Approximately equivalent to ISO 100, recommended except when lighting is poor or when higher shutter speeds are required. Noise may appear in pictures taken at settings above this value.
200	Approximately equivalent to ISO 200.
400	Approximately equivalent to ISO 400.
800	Approximately equivalent to ISO 800. Value is displayed in red in monitor or viewfinder to indicate that pictures taken at this setting will likely contain appreciable noise. Use only to capture natural lighting under low light conditions or when a fast shutter speed is required. We recommend that **Image Sharpening** (🔲 114) be turned off to avoid heightening the effects of noise.

Using the Flash

A setting of 800 is intended for use with natural lighting. We recommend that you choose AUTO or a fixed value of 400 or less when using the flash.

Exposure Mode

If sensitivity is set to AUTO in shutter-priority auto or manual exposure modes, sensitivity will be fixed at ISO 100 equivalent and will not vary with lighting conditions.

Focusing by Hand: Manual Focus

In User Sets 1, 2, and 3, manual focus can be used in place of the default autofocus for situations in which you are unable to achieve the desired results using autofocus. To use manual focus:

1 Enter manual focus
Press and hold the MF (AF) button and rotate the command dial until the manual focus indicator appears in the monitor or viewfinder and MF appears in the control panel.

2 Focus
While pressing the MF (AF) button, rotate the command dial. Using the monitor or viewfinder as your guide, continue to rotate the command dial until your subject is in focus. The camera can focus from macro close-up (about 3 cm (1")　measured from the lens) to infinity. If you zoom the lens after focusing, you will have to refocus your subject.

Press while rotating command dial
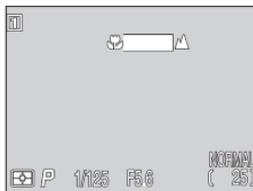
MF icon in control panel and manual focus indicator in monitor or viewfinder show that manual focus is in effect.

3 Take the picture
Press the shutter-release button all the way down to take the picture.

Manual focus can be cancelled by pressing the AF button to select a new focus mode.

📏 **Close-ups and Optical Zoom**

At short focus distances, the camera may be unable to focus at some zoom positions. If the camera is unable to focus at the current zoom position, the focus distance display in the monitor or viewfinder will turn red. Zoom the camera in or out until the focus distance is no longer shown in red.

🔍 **Using the Self-Timer**

When using the self-timer, be sure that the self-timer is selected (🔳 58) *before* manually adjusting focus. Changing the focus mode after setting focusing will cancel manual focus.

🔍 **Focus Confirmation**

Setting **Focus Confirmation** to **MF** or **On** (🔳 113) in the SHOOTING menu will cause the areas in focus to be sharply outlined in the monitor or viewfinder, making it easier to focus.

Playing Back Your Pictures

Set the mode selector to ▶ and play back your pictures using playback mode.

Slide the mode selector to ▶ to access playback mode. The most recent picture will be displayed in the monitor. In playback mode, the following options are available.
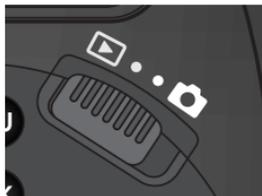
Full-Screen Playback

The following options are available in full-screen playback.

To	Use	Description
View other pictures		Press multi selector up or left to view images recorded before current picture, down or right to view images recorded after current picture. Hold multi selector down to scroll rapidly to desired frame number without viewing intervening images.
View multiple images	▣ (w)	Press ▣ (w) button to display small thumbnail previews, up to nine images at a time (🔊 86).
Delete current picture	🗑	A confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. • Select **No** to exit without deleting picture. • Select **Yes** to delete picture. DELETE 1 ERASE IMAGES YES OR NO ? No ▷ Yes ◆SELECT ▷SET
Start movie	QUICK	Press QUICK to start movie playback (🔊 90).

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To	Use	Description
Zoom picture in	Q (T)	Press Q (T) for an enlarged view of current picture, up to 6.0× (🔲 87).
View image information	🔄	Rotate the command dial to view additional information about the current picture (🔲 88).
Display playback menu	MENU	Press the MENU button to display the PLAY BACK menu.
Convert RAW images to HI images	QUICK	1 A confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. RAW→HI Convert RAW to HI? No ▷ Yes ◆SELECT ▷ SET • Select **No** to exit and return to full-screen playback without converting RAW image. • Select **Yes** to convert RAW image to HI image and save HI image. Proceed to step 2. 2 If you selected **Yes** in step 1, a confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. DELETE Delete RAW data? No Yes ▷ ◆SELECT ▷ SET • Select **No** to exit without deleting RAW image data. • Select **Yes** to delete RAW image data.

🔍 Converting RAW Images

When you convert a RAW image into a HI image, the converted image file will have a new name and the .NEF extension will be changed to .TIF. Be sure there is enough space on the card for the new HI image before converting the image. One image requires about 15 MB of space on the memory card.

Thumbnail Playback

Pressing the ⊟ (⊚) button in full-screen playback displays a menu of four thumbnail images. When thumbnails are displayed, the following options are available.

To	Use	Description
Highlight images		Press the multi selector up, down, left, or right to highlight thumbnails.
Page through images	⊝	Rotate the command dial to scroll through thumbnails one page at a time.
Change number of images displayed	⊟ (⊚)/ Q (⊤)	With four thumbnails displayed, press ⊟ (⊚) button once to view nine thumbnail images. Press Q (⊤) to "zoom in" from nine thumbnails to four thumbnails, again to "zoom in" from four thumbnails to full size (full-screen playback).
Delete selected image	🗑	A confirmation dialog will be displayed. Press multi selector up or down to highlight option, press to right to select. • Select **No** to exit menu without deleting picture. • Select **Yes** to delete picture.

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Taking a Closer Look: Playback Zoom

Use the Q (T) button to zoom in on images displayed full screen (disabled when **Ultra HS** or **Movie** have been set in the **Continuous** menu).
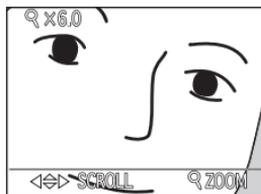
To	Use	Description
Zoom photo in	Q (T)	Zoom increases each time button is pressed, to a maximum of 6.0×. While image is zoomed in, Q icon and zoom ratio are displayed in upper left corner of monitor.
View other areas of image		Press multi selector to scroll to areas of the image not visible in monitor.
Cancel	W	Press W to cancel zoom.

Notes on Playback Zoom

To view other pictures on the memory card, first cancel zoom.

Additional time may be required to display pictures taken at an image quality setting of RAW or HI.

Playback zoom can not be used when viewing movies, or pictures taken at a setting of **Ultra HS**.

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Viewing Image Information

Image information is shown superimposed on images in full-screen review or full-screen playback. There are five pages of image information for each image. Rotate the command dial to cycle through image information as follows:
Page 1 ⇔ Page 2 ⇔ Page 3 ⇔ Page 4 ⇔ Page 5 ⇔ Page 1.

1. File Information

2. Shooting Information, Page 1
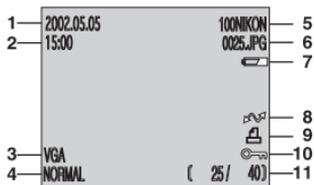
1 Date of recording	7 Battery level indicator*
2 Time of recording	8 Transfer icon
3 Image size	9 Print-order icon
4 Image quality	10 Protect icon
5 Folder	11 Current frame number/total number of frames visible in current folder
6 File number and type	

1 Camera type	6 Aperture
2 Firmware version	7 Exposure compensation
3 Metering method	8 Focal length
4 Exposure mode	9 Focus mode
5 Shutter speed	

* Appears only when battery is running low.

🔍 Image File and Folder Names

Pictures taken with the COOLPIX5700 are identified by file names that begin with "DSCN" followed by a four-digit file number from 0001 to 9999 assigned automatically by the camera. Each file name ends in a three-letter extension: ".NEF" for RAW images, ".TIF" for HI images, ".JPG" for other images, and ".MOV" for movies. Picture files are stored in folders automatically named with a three digit folder number by the camera.

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3. Shooting Information, Page 2

1 SPEED LIGHT : ON	
2 IMG ADJUST : AUTO	
3 SENSITIVITY : AUTO	
4 WHT BAL : AUTO	
5 SATURATION : +1	
6 SHARPNESS : AUTO	
7 DIGITAL TELE : X1.00	
8 CONVERTER : OFF	
9 FILE SIZE : 713KB	

1 Flash status
2 Image adjustment
3 Sensitivity (ISO equivalency)
4 White balance
5 Color saturation
6 Sharpening
7 Digital zoom
8 Lens-converter status
9 File size

4. Exposure Information

- **A** 0025.JPG **1**
- **2**
- 1/125 **3**
- F4.2 **4**
- ±0.0 **5**
- **B** AUTO **6**
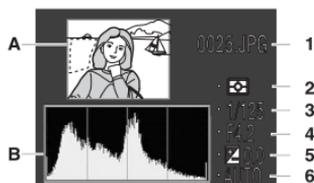
A Thumbnail preview (flashing border marks image highlights—i.e., brightest areas of image)
B Histogram (shows distribution of tones in image: horizontal axis gives pixel brightness, with dark tones to left and bright tones to right, vertical axis shows number of pixels of each brightness in image)

1 File no. and type
2 Metering method
3 Shutter speed
4 Aperture
5 Exposure compensation
6 Sensitivity

5. Focus Confirmation

- **1** 0025.JPG
- **2** 7.85mm
- **3** 1/125
- **4** F4.2
- **5** AF
- **6** OFF
- **7**

1 File no. and type
2 Focal length
3 Shutter speed
4 Aperture
5 Focus mode
6 Noise reduction
7 Focus confirmation (areas of image that are in focus are sharply outlined, and active focus area is shown in red)

Movie Playback

In full-screen playback, movies are indicated by a 🎬 icon in the lower left corner of the display. Movie playback is controlled with the **QUICK** button. During playback, sound recorded with the movie is played back over the camera's built-in speaker, and the zoom button is used to control playback volume.

To	Use	Description
Start/ resume playback	**QUICK**	When movie ends, final frame is displayed for one second, followed by a still image of the first frame.
Pause playback	**QUICK**	Pressing **QUICK** while playback is in progress pauses display.
Rewind movie one frame		When movie is paused, pressing the multi selector up or left rewinds the movie one frame.
Advance movie one frame		When movie is paused, pressing the multi selector down or right advances the movie one frame. If the last frame of the movie is displayed, pressing the multi selector down or right ends movie playback and displays the first frame of the movie.
Adjust playback volume	**W** **T**	While playback is in progress, press **W** to lower playback volume, **T** to increase. Four settings are available: • mute ( ) • low ( ) • medium ( ) • high ( )

90

Menu Guide

_____

List of Menu Options
Outlines all of the options available in the SHOOTING, PLAY BACK and SETUP menus.

Using the Menus
Explains how to use the camera menus to change camera settings.

Using the SHOOTING Menu
This menu contains a number of options for fine-tuning shooting settings.

Using the SET-UP Menu
This menu is used for basic camera setup.

Using the PLAY BACK Menu
The PLAY BACK menu contains options for managing images stored on memory cards.

List of Menu Options

SHOOTING Menu

The SHOOTING menu contains two pages of advanced shooting options. It is available in User Set 1, 2, or 3 in ▲ (shooting) mode. A ❤ icon next to a menu item indicates that the selection can be made directly from the main menu using the command dial.

User Setting Choose User Set A, automatic "point and shoot" mode; choose User Set 1, 2, or 3 to control settings. 68	Ⓐ ① ② ③	
White Balance ❤ Match white balance to your light source. 101	🅰 **Auto** 🏭 **White Bal Preset** 🌞 **Fine** 💡 **Incandescent**	🔆 **Fluorescent** ☁ **Cloudy** 🔦 **Speedlight**
Metering ❤ Control how the camera sets exposure. 103	▦ **Matrix** • **Spot** ◉ **Center-Weighted** ⠿ **Spot AF Area**	
Continuous ❤ Take pictures one at a time, in sequence, in a collage, or make a movie. 104	▣ **Single** ▤ **Continuous High** ▥ **Continuous Low**	▦ **Multi-Shot 16** 🗠 **Ultra HS** 📹 **Movie**
Best Shot Selector ❤ Use when pictures could be blurred by inadvertent camera movement. 106	**Off** **On**	
Image Adjustment ❤ Raise or lower contrast and brightness. 107	🅰◐ **Auto** ○ **Normal** ◐+ **More Contrast**	◐– **Less Contrast** ☼+ **Lighten Image** ☼– **Darken Image**
Saturation Control ❤ Control color in your pictures or take pictures in black-and-white. 108	+1 **Maximum** 0 **Normal** –1 **Moderate**	–2 **Minimum** ◨ **Black & White**
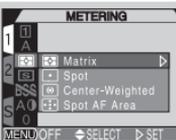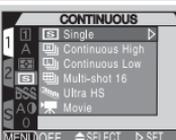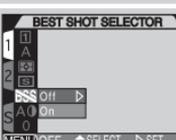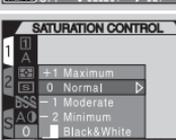
SHOOTING MENU 1	**SHOOTING MENU 2**		

Lens
Choose settings for optional converter lenses.

109

> **Normal**
> **Wide Adapter**
> **Telephoto**

Exposure Options
Lock exposure for a picture series or set time limit for long exposures.

110

AE Lock ▸ **Off / On / Reset**
Maximum Bulb Duration ▸ **1min / 5min**

Focus Options
Options for autofocus.

112

AF Area Mode ▸ **Auto / Manual / Off**
Auto-Focus Mode ▸ **Continuous AF / Single AF**
Focus Confirmation ▸ **MF / On / Off**

Image Sharpening
Heighten or reduce the sharpness of outlines in your pictures.

114

Auto	**Low**
High	**Off**
Normal	

Auto Bracketing
Automatically vary exposure or white balance over a series of pictures.

115

Off	**3, ±0.3 / 3, ±0.7**
On ▸	**3, ±1.0 / 5, ±0.3**
WB Bracketing	**5, ±0.7 / 5, ±1.0**

Noise Reduction
Reduce "noise" in pictures taken with slow shutter speeds or high sensitivity settings.

117

**Off**
On
Clear Image Mode

Reset All
Reset settings for the current User Set to their default values.

118

No
Reset

SET-UP Menu

The options available in the SET-UP menu depend on the operating mode and, in ![icon] (shooting) mode, on the User Set selected.

Folders `A,1, 2, 3` Select folder for storage, create, rename, and delete folders. ⏱ 121	**Options** **NIKON**	▶ 🗐 **New** / 🖉 **Re-name** / 🗑 **Delete**
Monitor Options `1, 2, 3/▶` Set start-up display, turn picture review on and off, or control monitor display. ⏱ 126	**Start-up Display** **Review Options** **Shutter Release Speed**	**Brightness** **Hue**
Controls `1, 2, 3` Specify default settings; set functions of `FUNC` and AE/AF `LOCK` buttons. ⏱ 129	**Memorize** **Func.** **AE-L, AF-L**	▶ ⚡👁/🏔🌙/Mode/🔆 **User Setting** / 🏔🌙 / ▶ ⚡👁 / **White Balance** / **Metering** ▶ **AE-L&AF-L/AE-L/AF-L**
Zoom Options `1, 2, 3` Control digital zoom, zoom speed and aperture during zooming. ⏱ 131	**Digital Tele** **Fixed Aperture** **Zoom Speed**	▶ **On** / **Off** ▶ **Off** / **On** ▶ **High** / **Low**
Auto Off `All Modes` Specify amount of time before camera enters sleep mode to save power. ⏱ 133	**30 s** **1 M** **5 M** **30 M**	
Seq. Numbers `A,1, 2, 3` Control automatic file naming. ⏱ 134	**On** **Off** **Reset**	
CF Card Format `All modes` WARNING ! All images will be deleted ! Format memory cards for use in the COOLPIX5700. ⏱ 135	**No** **Format**	
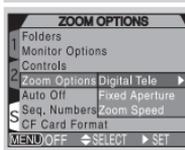
94

SET-UP User Setting Folders Shutter Sound Auto Off Seq. Numbers CF Card Format Date MENU OFF ◆SELECT ▶SET	SET-UP 1 Folders Monitor Options Controls Zoom Options Auto Off Seq. Numbers CF Card Format MENU OFF ◆SELECT ▶SET	SET-UP 2 Speedlight Opt. Shutter Sound Date info.txt Video Mode Language USB MENU OFF ◆SELECT ▶SET	SET-UP Monitor Options Shutter Sound Auto Off CF Card Format Date Video Mode Language MENU OFF ◆SELECT ▶SET
User Set A	User Set 1,2,3 (1)	User Set 1,2,3 (2)	Play back mode

SPEEDLIGHT OPT. Speedlight Opt. Shutte Pop Up Date Variable Power info.tx Speedlight Cntrl Video Shot Confirmation Language USB MENU OFF ◆SELECT ▶SET	**Speedlight Options** **1, 2, 3** Options for built-in Speedlight and external Speedlights. ⏱ 136	**Pop Up** **Variable Power** **Speedlight Cntrl** **Shot Confirmation**	▶ **Auto / Manual** ▶ **−2.0 − +2.0** ▶ **Auto/Int&ExtActive** ▶ **On / Off**
SHUTTER SOUND Speedlight Opt. Shutter Sound On Date Off info.txt Video Mode Language USB MENU OFF ◆SELECT ▶SET	**Shutter Sound** **All modes** Control beep produced by camera to confirm such operations as shutter release. ⏱ 140	**On** **Off**	
DATE Y M D 2002.01.01 00:00 MENU OFF ◀▶SELECT ◆SET	**Date** **All modes** Set time and date. ⏱ 141	**Year, Month, Day, hour, minute, display order for year, month, and day**	
INFO.TXT Speedlight Opt. Shutter Sound Date info.txt Off Video Mode On Language USB MENU OFF ◆SELECT ▶SET	**info.txt** **1, 2, 3/▶** Save image information in text format. ⏱ 141	**Off** **On**	
VIDEO MODE Speedlight Opt. Shutter Sound Date info.txt Video Mode NTSC Language PAL USB MENU OFF ◆SELECT ▶SET	**Video Mode** **1, 2, 3/▶** Choose standard for video output from NTSC or PAL. ⏱ 142	**NTSC** **PAL**	
LANGUAGE Speedlight Opt. Shutter Sound De Date En info.txt Fr Video Mode 日 Language Es USB MENU OFF ◆SELECT ▶SET	**Language** **1, 2, 3/▶** Choose language in which camera messages and menus are displayed. ⏱ 142	**De (German)** **En (English)** **Fr (French)**	**日 (Japanese)** **Es (Spanish)**
USB Speedlight Opt. Shutter Sound Date info.txt Video Mode Language PTP USB MassStorage MENU OFF ◆SELECT ▶SET	**USB** **1, 2, 3** Choose USB protocol used when camera is connected to a computer. ⏱ 143	**PTP** **Mass Storage**	

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PLAY BACK MENU
🗑 Delete
✳ Folders
🖼 Slide Show
🔒 Protect
🔒 Hide Image
🖶 Print Set
〜 Auto Transfer
MENU OFF SELECT ▶SET

PLAY BACK Menu

The PLAY BACK menu contains options for managing the images stored on the memory card. It is available in playback mode.

DELETE
🗑 Selected Images ▶
All Images
🖶🗑 Print Set
〜🗑 Transfer
MENU OFF SELECT ▶SET
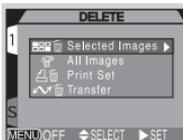
Delete
Delete all or selected images; reset transfer or print marking.
⏳ 145

▶ ▦🗑 **Selected Images**
🗑 **All Images**
🖶🗑 **Print Set**
〜🗑 **Transfer**

FOLDERS
📁↔ Options
✳ All Folders
📁 NIKON
MENU OFF SELECT ▶SET
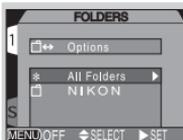
Folders
Select the folder for playback; create, rename, and delete folders.
⏳ 148

▶ 📁↔ **Options**
✳ **All Folders**
📁 **NIKON**
(Folder name)

▶ 📄 **New** / 🔤 **Rename** / 📁🗑 **Delete**

SLIDE SHOW
▷ Start
▢▢▢ Frame Intvl
(Pause → QUICK)
MENU OFF SELECT ▶SET

Slide Show
Play images back in an automatic slide show.
⏳ 149

▶ ▷ **Start**
▢▢▢ **Frame Intvl**

▶ **2 S/ 3 S/ 5 S/ 10 S**

PROTECT
SELECT SET QUICK DONE

Protect
Protect selected pictures from accidental deletion.
⏳ 151

▶ **Select pictures**

HIDE IMAGE
SELECT SET QUICK DONE

Hide Image
Hide pictures during playback.
⏳ 152

▶ **Select pictures**

PRINT
SELECT SET QUICK DONE

Print Set
Select pictures for printing on a DPOF-compatible device.
⏳ 153

▶ **Select pictures; specify number of copies**

▶ **Add image Info**
Add image Date

AUTO TRANSFER
▦〜 Selected Photos ▶
▦〜 All Photos
MENU OFF SELECT ▶SET

Auto Transfer
Mark pictures for transfer to a computer.
⏳ 155

▶ ▦〜 **Selected Photos**
▦〜 **All Photos**

▶ **Select pictures**

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Using the Menus

This chapter explains how to use the camera menus to alter settings. Your camera has three separate menus, the SHOOTING menu, the PLAY BACK menu, and the SET-UP menu. The SHOOTING menu can only be displayed when the mode selector is set to ● (shooting) mode, and User Set 1, 2, or 3 is selected. The PLAY BACK menu can only be displayed when the mode selector is set to ▶ (playback) mode. The SET-UP menu can be displayed in all modes and User Sets, although the items in the menu differ according to the mode and User Set in use (🔲 120).

1 Display menu

1.1

Set the mode selector to either shooting mode (●) or playback mode (▶).

1.2

USER SETTING

MENU PAGE2 ◆ SELECT ▶ SET
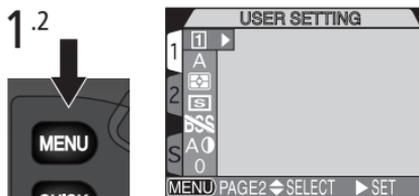
Press the MENU button to display the menu.
- In shooting mode, if you are using User Set A, the SET-UP menu will be displayed; if you are using User Set 1, 2 or 3, the SHOOTING menu will be displayed.
- In playback mode the PLAY BACK menu will be displayed.

◎ Taking Pictures while Menus are Displayed

When menus are displayed in ● (shooting) mode, pressing the shutter-release button halfway clears the menu and displays the view through the lens. Press the shutter-release button all the way down to take a picture. When you take your finger off the shutter-release button, the menu will be restored.

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2 Using the menus to adjust camera settings

To navigate through the menus, press the multi selector in the direction you want to go.

2.1
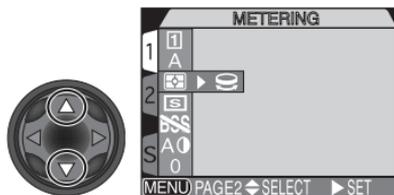
Highlight menu item

2.2
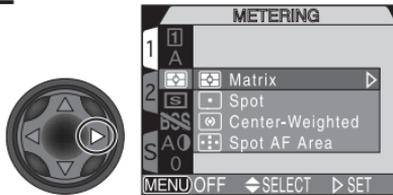
Display options

2.3
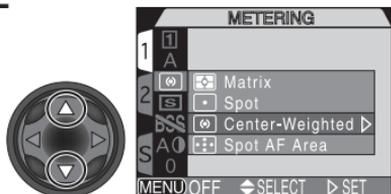
Highlight options. If there is a further menu repeat steps 2.2 and 2.3.

2.4
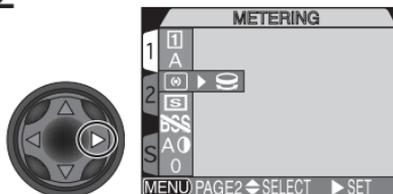
Make selection. Highlighted setting is put into effect and screen returns to the main menu.

• A ⊖ icon appearing next to a highlighted item in the SHOOTING menu shows that a selection can be made directly using the command dial. The current selection for these items is shown by the icon that appears in the main menu.

Rotate the command dial
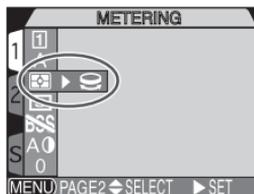
Stop when icon for desired option is displayed.
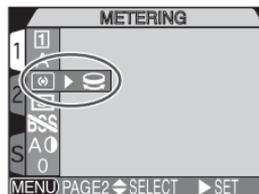
3 **Exiting the menus**

You can use MENU to exit the menu.

- If "PAGE 2" appears in the bottom left of the menu, press MENU once to go to the next page, again to exit the menu and return to shooting or playback mode.
- If "OFF" appears in the bottom left of the menu, press MENU once to exit the menu and return to shooting or playback mode.
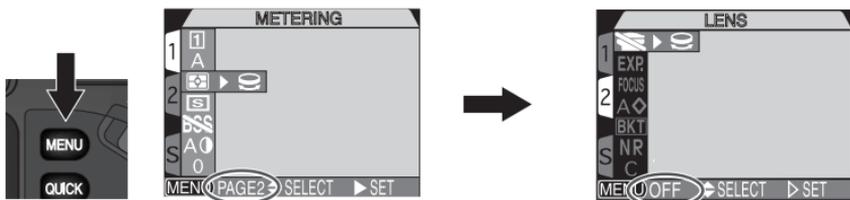
4 **Moving between menus**

To move between pages of a multi-page menu, or to access the SET-UP menu from the SHOOTING and PLAY BACK menus:

4.1

With the main menu displayed, press the multi selector to the left to highlight the menu tab.

4.2
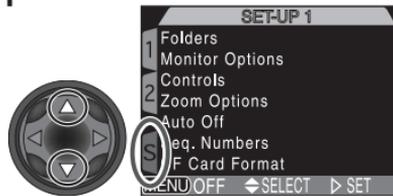
Press the multi selector up or down to select the tab for the desired menu, then press the multi selector to the right to enter the menu.

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Using the SHOOTING Menu

The SHOOTING menu can only be accessed in User Set 1, 2, or 3. Refer to page (🔲 68) for information on how to select a User Set. Any changes to settings in the SHOOTING menu are automatically stored in the selected User Set, and will be recalled the next time the User Set is selected.

The SHOOTING menu contains two pages of options which are described on the following pages.
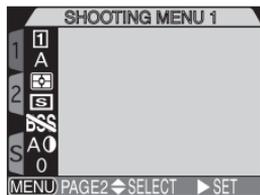
Menu Item	👁
User Setting	68
White Balance	101
Metering	103
Continuous	104
Best Shot Selector	106
Image Adjustment	107
Saturation Control	108
Lens	109
Exposure Options	110
Focus Options	112
Image Sharpening	114
Auto Bracketing	115
Noise Reduction	117
Reset All	118

Keeping Colors True: *White Balance*

White balance is used to preserve natural colors under different types of lighting.

In User Sets 1, 2, and 3, white balance can be set using the **White Balance** menu (in User Set A, white balance is adjusted automatically).
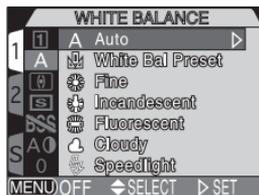
Option	Description
🅐 **Auto**	White balance automatically adjusted to suit lighting conditions. Best choice in most circumstances.
⬜ **White Bal Preset**	White object used as reference to set white balance under unusual lighting conditions.
☀ **Fine**	White balance adjusted for direct sunlight.
🔆 **Incandescent**	Use when taking pictures indoors under incandescent light.
🔅 **Fluorescent**	Use when taking pictures indoors under fluorescent light.
☁ **Cloudy**	Use for pictures taken outdoors under overcast skies.
🔦 **Speedlight**	White balance adjusted to match light produced by Speedlights.

The 𝙵𝚄𝙽𝙲 button can be set to adjust white balance without having to access the menu (🐾 130).

At settings other than **Auto**, the current **White Balance** setting is indicated by an icon in the monitor or viewfinder.

101

Preset White Balance

Preset white balance is used to adjust white balance when shooting under mixed lighting or to compensate for light sources with a strong color cast. When 🔳 (**White Bal Preset**) is selected from the **White Balance** menu, the camera will zoom in and the menu shown at right will be displayed in the monitor or viewfinder.

Option	Description
Cancel	Recalls the most recent setting for preset white balance from memory and sets white balance to this value.
Measure	Measures a new value for white balance. Place a white object, such as a piece of paper, under the lighting that will be used in the final picture. Frame this object so that it fills the square in the center of the menu shown above. Highlight **Measure** and press the multi selector to the right to measure a new value for white balance (shutter will be released and camera will return to original zoom position, but no picture will be recorded).

Fine-Tuning White Balance

At settings other than 🅰 (**Auto**) and 🔳 (**White Bal Preset**), white balance can be "fine tuned" by highlighting the desired setting and rotating the command dial to select an adjustment (–3 to +3) from the menu. Raising white balance tends to give images a blue cast, while lowering white balance generally makes pictures appear slightly yellow or red. In the case of 🔆 (**Fluorescent**), the menu offers a choice of bulb types (see table below).

Option	Bulb Type
FL1	White (W)
FL2	Daylight White (Neutral [N])
FL3	Daylight (D)

102

Measuring Light: *Metering*

User Sets 1, 2, and 3 offer a choice of four metering methods. (In User Set A, matrix metering is used).

The following options are available:

METERING
- Matrix
- Spot
- Center-Weighted
- Spot AF Area

MENU OFF   ◆SELECT   ▷ SET
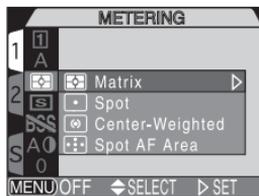
Option	How it works	When to use it
⊞ **Matrix**	Meters 256 areas of frame producing optimal exposure for whole image.	Best choice in most circumstances.
▫ **Spot***	Meters only area shown by square in center of the monitor ($^1/_{32}$ of total frame).	Ensures central subject will be correctly exposed regardless of background illumination.
◉ **Center-Weighted***	Meters whole frame; but central $^1/_4$ has an 80% weighting.	Use for portraits; adjusts exposure according to lighting at the center of the frame, but still preserves background details.
▣ **Spot AF Area**	Camera measures light in current focus area only.	Useful when you want to use spot metering with manual or automatic focus-area selection (👤 112) to meter an off-center subject.

*Can be used with autoexposure lock (👤 57) to meter off-center subjects.

👁 Viewing the Current Metering Setting

Current metering method is indicated by icons in the control panel or, monitor or viewfinder.

Spot metering exposure target

At a setting of Spot AF Area the (▫) icon is displayed in the control panel, and the (▣) icon is displayed in the monitor or viewfinder.

103
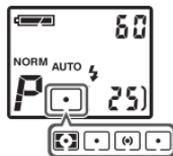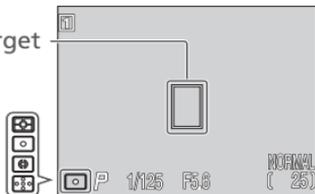
Making Movies and Taking Pictures in a Sequence: *Continuous*

The **Continuous** menu sets how many pictures are taken when the shutter-release button is pressed (and held down). A movie option is also included for recording short video clips with audio.

Option	Description
Single	Camera records one picture each time shutter-release button is pressed.
Continuous High	Maximum of three pictures recorded at three fps* when shutter-release button is held down. Monitor or viewfinder turns off automatically during shooting. Not available at image quality setting of HI.
Continuous Low	Pictures recorded at 1.5 fps (three frames every two seconds) when shutter-release button is held down. Not available at image quality setting of HI.
Multi-shot 16	Sixteen consecutive "thumbnail" images (640×480 pixels) recorded at three fps and combined into a collage (2560×1920 pixels). Image size setting must be FULL. Not available at image quality setting of RAW or HI.
Ultra HS	Records up to 100 QVGA (320×240 pixels) images at NORMAL image quality at 30 fps when shutter-release button is held down.
Movie	Records QVGA movies (320×240 pixels) at 15 fps, built-in microphone records sound. Press shutter-release button all the way down to start movie. Press all the way down again to end movie. Movie ends automatically after 60 s or when memory card is full (🖼 77). Movies stored as QuickTime movie files with names ending in ".MOV". Digital zoom is limited to a factor of 2x.

* fps = frames per second

✏ **Image Size and Shutter Speed**

At an image size setting of SXGA, XGA or VGA, and shutter speeds slower than $^1/_{30}$ s, we recommend settings of **Single** or **Continuous Low**.

✐ **Restrictions on Using Continuous Mode**

• At an image-quality setting of HI, **Continuous Low** and **Continuous High** are not available.
• At a setting of **Continuous High**, the monitor or viewfinder will turn off.
• At an image-quality setting of RAW or HI, **Multi-Shot 16** is not available.
• At a setting of **Ultra HS** or **Movie**, **BSS** (👆 106), **Focus Confirmation** (👆 113), and bracketing (👆 115) are not available.
• When shooting at settings of **Ultra HS** or **Movie**, the image displayed in the monitor will be inverted while shooting and during playback if the monitor is rotated forward.
• Select **All Folders** or a specific folder (i.e. N_001) from the **Folders** menu (👆 148).

✐ **Focus, Exposure, and White Balance**

At settings other than **Single** and **Movie**, focus, exposure, and white balance are determined by the first shot in each series.

✐ **Speedlights**

The built-in Speedlight is only available at a setting of **Single**. At settings of **Single**, **Continuous Low**, **Continuous High**, and **Multi-shot 16**, an external Speedlight can be used; however, if the built-in Speedlight is unable to pop up in order to use the photocell, the external Speedlight will not fire.

✐ **Ultra HS Sequence**

Zoom indicator in monitor or viewfinder moves from S (start) to E (end) during recording, showing remaining time. Remove finger from shutter-release button to interrupt shooting at any time.

🔍 **Viewing the Current Continuous Setting**

At settings other than **Single**, the current **Continuous** setting is indicated by an icon in the monitor or viewfinder.

105

Getting Sharper Pictures: *Best Shot Selector*

If you are using a slow shutter speed, or if you are taking a close-up shot with either the zoom or macro focus, camera movement may blur your picture. Use the "best-shot selector" (**BSS**) to reduce the effects of blur in these situations.

Option	Description
Off	**BSS** off; camera functions normally.
On	Camera takes pictures as long as the shutter-release button is held down, to a maximum of ten. Sharpest image (highest level of detail) of these ten is saved to memory card. Flash is turned off, and focus, exposure, and white balance are determined by the first shot in the series.

🔍 Viewing the Current BSS Setting

When the best-shot selector is on, a **BSS** icon appears in the monitor or viewfinder.

🖉 BSS - Restrictions on Use

- **BSS** may not produce the desired results with a moving subject or if you change the composition while the shutter-release button is pressed all the way down.
- **BSS** is not available
  - at **Continuous** settings other than **Single** (🔳 104)
  - when auto bracketing or white balance bracketing is selected (🔳 115)
  - when **Noise Reduction** is set to **On** or **Clear Image Mode** (🔳 117)
  Selecting these settings automatically cancels **BSS**.

106

Adjusting Contrast and Brightness: *Image Adjustment*

In User Set A, the camera automatically adjusts image brightness and contrast. In User Sets 1, 2, and 3, you can adjust image compensation using the menu options shown below.
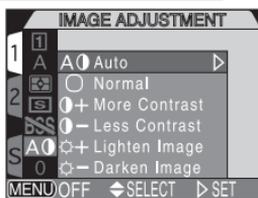
Option	Description
🅰️🌕 **Auto**	Camera automatically adjusts brightness and contrast according to shooting conditions.
◯ **Normal**	Same brightness and contrast adjustment on all images, useful for images to be edited on computer.
◑+ **More Contrast**	Image contrast enhanced. Use when shooting landscapes, low-contrast subjects, or under overcast skies.
◑− **Less Contrast**	Image contrast reduced. Use when bright light creates strong shadows on subject.
☼+ **Lighten Image**	Lightens mid-tones in image, without affecting detail in highlights and shadows. Use for printers or monitors that tend to produce dark images.
☼− **Darken Image**	Darkens mid-tones in image, without affecting detail in highlights and shadows. Use for printers or monitors that tend to produce light images.

🔍 Viewing the Current Image Adjustment Setting

At settings other than **Auto** and **Normal**, an image-adjustment icon appears in the monitor or viewfinder.
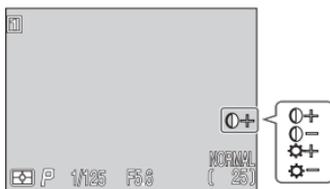
Controlling Color: *Saturation Control*

Saturation control is used to heighten or reduce the vividness of colors.

The **Saturation Control** menu also includes a ☐ **Black&White** option. Black-and-white images require the same amount of memory as color images, but show a higher level of detail.

Option	Description
+1 Maximum	Use for a vivid, photoprint effect when taking pictures that will be printed "as is," without further editing.
0 Normal	Best choice in most circumstances.
–1 Moderate	Image contrast enhanced. Use when shooting landscapes, low-contrast subjects, under overcast skies, or when taking pictures that will later be edited on a computer.
–2 Minimum	
☐ **Black&White**	Pictures recorded in black-and-white. Black-and-white images require the same amount of memory as color images, but show a higher level of detail. Monitor shows view through lens in black-and-white. Not available at an image quality setting of RAW.

🔍 Black and White

At a setting of **Black&White** the monitor or viewfinder shows the view through the lens in black-and-white. Indicators are shown in green, and a ☐ icon is displayed.

Settings for Optional Converter Lenses: *Lens*

To use an optional converter lens, attach a lens adapter ring (available separately; 158), attach the lens, and then choose the appropriate option (see table below) from the **Lens** menu. For complete information on use and handling, see the documentation provided with your converter lens.
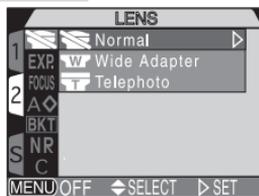
Option	Description
Normal	Normal camera operation, use when no converter lens is attached.
Wide Adapter (for WC-E80)	Camera zooms out to widest angle. Zoom can be adjusted from wide to middle zoom position.
Telephoto (for TC-E15ED)	Camera zooms to maximum optical zoom position. Optical and digital zoom can be adjusted manually.

🖉 Focus Mode with Converter Lenses

For best results, we recommend using the autofocus mode when a converter lens is attached. We also recommend not using manual focus or the "infinity" focus mode.

🖉 Using Speedlights with Converter Lenses

The built-in Speedlight turns off automatically when one of the converter lenses is selected from the menu. External Speedlight accessories can still be used (158).

🔍 Viewing the Current Lens Setting

At settings other than **Normal**, a converter lens icon appears in the monitor or viewfinder.

109
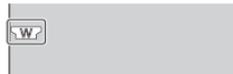
Controlling Exposure: *Exposure Options*

The **Exposure Options** menu contains two options for controlling exposure.
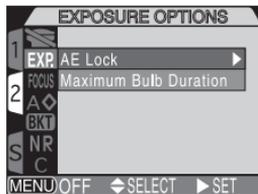
Taking Multiple Pictures with the Same Exposure: AE Lock

Use **AE Lock** to take a series of pictures (e.g. for a panorama) at the same exposure (shutter speed, aperture, sensitivity, white balance) settings.
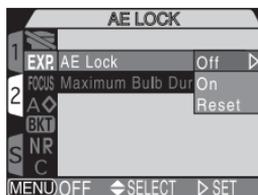
Option	Description
Off	Restores normal exposure, sensitivity, and white balance.
On	The first shot taken after **On** is selected sets shutter speed, aperture, sensitivity, and white balance for all subsequent shots. The flash is turned off while AE lock is in effect.
Reset	Clears existing exposure settings. First shot resets exposure for all subsequent shots until **Off** is selected or **Reset** is reselected.

Confirming AE-Lock Settings

When **AE-Lock** is **On**, **AE-L** (AE Lock) and **WB-L** (White Balance Lock) icons appear in the monitor or viewfinder. When **On** or **Reset is** chosen, or if you select a new value for white balance, shutter speed, or aperture, these icons turn yellow.

110

Setting the Time Limit for Long-Time Exposures: Maximum Bulb Duration

In manual exposure mode, setting shutter speed to BULB lets you keep the shutter open as long as the shutter-release button is pressed (🔦 76). The default **Maximum Bulb Duration** is **1 min**. There is also a **5 min** option. Note that longer exposure times increase the amount of noise visible in the final image.

111
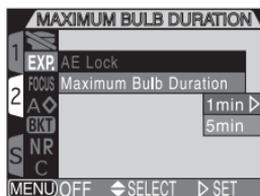
Controlling Focus: *Focus Options*

The **Focus Options** menu contains options controlling focus-area selection and focus mode, and an option for confirming focus visually in the monitor.
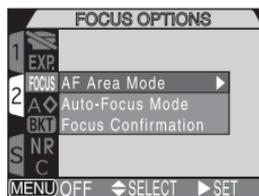
Focus-Area Selection: AF Area Mode

In User Set A, the camera automatically focuses on the center of the frame. In User Sets 1, 2, and 3, five focus areas are available, unless digital zoom is in use, in which case the central focus area is used.
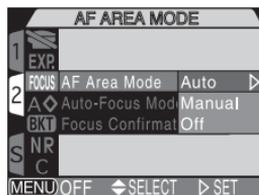
Option	Description
Auto	Focus area containing subject closest to camera is automatically selected. Selected focus area displayed in red in monitor or viewfinder when shutter-release button is pressed halfway. **Auto** is best used when there is little time to select focus area manually (e.g. when subject is moving).
Manual	Manually select one of the five focus areas displayed in the monitor or viewfinder using multi selector. **Manual** can be used *instead* of focus lock (🔒 56) to focus on an off center stationary subject.
Off	Center focus area is used. No focus area indicators are shown in monitor. This option can be used in combination with focus lock to focus on an off-center subject.

✐ **Spot metering and Autofocus Area Mode**

When **Spot AF Area** metering (🔒 103) is used together with **Auto** or **Manual** in the **AF Area Mode** menu, the camera meters only the selected focus area. If **AF Area Mode** is **Off**, **Spot AF Area** metering is unavailable and **Matrix** metering is used by default.

112

Auto-Focus Mode

There are two autofocus mode options. Continuous autofocus allows rapid focusing, while single autofocus gives a less rapid response, but saves battery power.
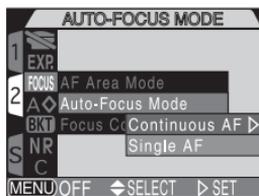
Option	Description
Continuous AF	Focus continuously adjusted until shutter-release button is pressed halfway, focus then locks. Shots can be taken even when subject is not in focus; check autofocus indicator before shooting.
Single AF	Focus only adjusted when shutter-release button is pressed halfway, then focus locks. Recommended when using macro close-up. Shots can be taken even when subject is not in focus; check autofocus indicator before shooting.

Focus Confirmation

Use the options below to check which areas of the frame are in focus before shooting. Focus confirmation has no effect on the final picture.
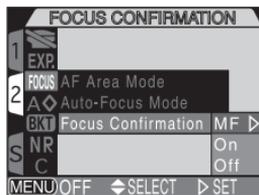
Option	Description
MF	Areas in focus will be sharply outlined in the monitor or viewfinder when manual focus is used (🔍 80).
On	As above, but for all focus modes.
Off	No indication of focus is given.

113

Making Edges More Distinct: *Image Sharpening*

This option controls whether pictures are processed for increased sharpness, and to what degree. Because this processing takes place only as the pictures are being saved to the memory card, the effects of sharpening can not be previewed in the monitor or viewfinder before shooting. In User Sets 1, 2, and 3, you can use the menu options shown below to control sharpening; in User Set A, **Auto** is the only setting.
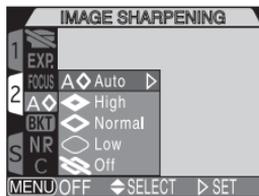
Option	Description
𝔸◇ **Auto**	Camera sharpens edges for optimal results; adjustment performed differs from image to image.
◇ **High**	Photos processed to increase sharpness, making edges more distinct.
◇ **Normal**	Camera performs same standard level of sharpening on all photos.
◯ **Low**	Amount of sharpening reduced below normal level for a softer effect.
◌ **Off**	No sharpening performed.

🔍 Viewing the Current Image Sharpening Setting

At settings other than **Auto**, the current image-sharpening setting is shown by an icon in the monitor or viewfinder.

114
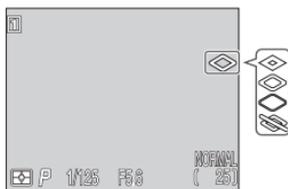
Varying Settings Automatically: *Auto Bracketing*

At times, you may find it difficult to select appropriate exposure compensation and white balance settings, and yet not have time to check the results and adjust settings after each shot. **Auto Bracketing** can be used to vary these settings automatically over a series of shots, "bracketing" a selected exposure compensation or white balance setting.
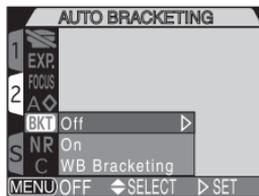
On

Select **On** and choose the desired option from the menu options shown below. Exposure is bracketed around the exposure compensation value selected with the button (🔲 66).
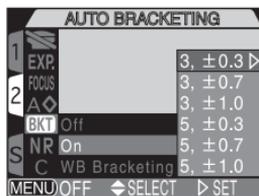
Option	No. of shots	Exposure increment	Bracketing order
3, ±0.3	3	±$^1/_3$ EV	0, +0.3, –0.3
3, ±0.7	3	±$^2/_3$ EV	0, +0.7, –0.7
3, ±1.0	3	±1 EV	0, +1.0, –1.0
5, ±0.3	5	±$^1/_3$ EV	0, +0.7, +0.3, –0.3, –0.7
5, ±0.7	5	±$^2/_3$ EV	0, +1.3, +0.7, –0.7, –1.3
5, ±1.0	5	±1 EV	0, +2.0, +1.0, –1.0, –2.0

🖉 **Notes on Autoexposure Bracketing**

- Autoexposure bracketing restarts from positive EV values when changes are made to any exposure setting (exposure mode, exposure compensation, shutter speed, aperture, sensitivity, flash mode, and **Variable Power**).
- If the shutter-release button is held down at settings of **Continuous Low** or **Continuous High** (🔲 104), shooting will pause after completing each bracketing cycle. At **Continuous High**, only three shots will be taken.
- Bracketing is automatically cancelled when the camera is turned off, or set to User Set A.

115

White Balance Bracketing

Three shots are taken each time the shutter-release button is fully pressed. White balance is varied to produce one image with the current white balance (🔳 101), one with a red cast, and one with a blue cast. The time required to save images to the memory card approximately triples when using white balance bracketing.
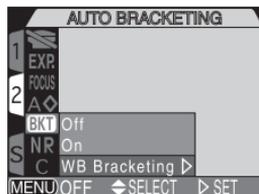
Off

Select **Off** to restore normal exposure and white balance.

Restrictions on Bracketing

Neither autoexposure bracketing nor white balance bracketing can be used when **BSS** (🔳 106) is on, when **Noise Reduction** is set to **On** or **Clear Image Mode** (🔳 117), or when shutter speed is set to BULB (🔳 76).
Autoexposure bracketing can not be used when **Multi-shot 16**, **Ultra HS**, or **Movie** is selected for **Continuous** (🔳 104), or when **AE Lock** (🔳 110) is on. White balance bracketing can not be used at an image quality of HI (🔳 49), or when a setting other than **Single** is chosen for **Continuous** (🔳 104).

Confirming Bracketing
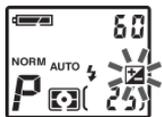
When using autoexposure bracketing, the 🖾 icon in the control panel flashes, and a **BKT** icon appears in the monitor or viewfinder with the selected exposure increment.

When using white balance bracketing, a **WB BKT** icon appears in the monitor or viewfinder.

116

Avoiding "Grainy" Pictures: *Noise Reduction*

When sensitivity (ISO equivalency) is above ISO 100 or shutter speed is slower than $\frac{1}{30}$ s, "noise" in the form of randomly spaced, brightly colored pixels may appear in pictures, particularly in shadows. Use the options below to reduce noise.

Option	Description
Off	Noise reduction off; camera functions normally.
On	Reduces noise in long exposures (speeds of $\frac{1}{30}$ sec or slower). The flash can be used, as can all image sizes settings. Recording time more than doubles.
Clear Image Mode	Minimizes noise and improves color gradation in SXGA or smaller size images. Pressing shutter-release button shoots three exposures, two with shutter open, and one with shutter closed. The three shots are compared to reduce noise, and one picture is recorded. Recording time more than triples. Tripod use recommended.

Noise Reduction — Usage restrictions and other notes

- Neither **Noise Reduction** settings can be used with **BSS** (106), bracketing (115), or **Continuous** settings other than **Single** (104).
- If **Clear Image Mode** is selected together with an image size of FULL, 3 : 2, or UXGA, an SXGA image will be recorded, since SXGA is the maximum permissible size.
- **Clear Image Mode** works best when the camera and subject are stationary. In **Clear Image Mode**, both the built-in Speedlight and any external Speedlights are disabled.

Confirming Noise Reduction

While **Noise Reduction** is in effect and the shutter speed is below $\frac{1}{30}$ s, an **NR** icon appears in the monitor or viewfinder. When set to **Clear Image Mode**, no icon is displayed.

117

Restoring Default Settings: *Reset All*

The **C** (reset all) option in the SHOOTING menu resets the current User Set to its default values. The items listed on the following page are also reset for all User Sets and for playback mode. The **Reset All** menu contains the following options:
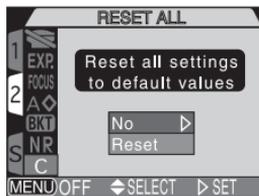
Option	Description
No	Exit menu, leaving settings unchanged.
Reset	Restore settings to default values.

Choosing **Reset** restores the following menu settings for the current User Set to their default values. Settings in other User Sets are unaffected.

SHOOTING menu

Setting	Default
White balance	Auto*
Metering	Matrix
Continuous	Single
BSS	Off
Image adjustment	Auto
Saturation control	Normal
Lens	Normal
Exposure options	
AE lock	Off

Setting	Default
Focus options	
AF area mode	Auto
Autofocus mode	Continuous AF
Focus confirmation	MF
Image sharpening	Auto
Auto bracketing	Off
Noise reduction	Off

* Fine-tuning reset to 0.

SET-UP menu

Setting	Default
Folders	NIKON
Monitor options	
Brightness	3
Hue	6
Controls	
Memorize	All options on
Zoom options	
Digital tele	On
Fixed aperture	Off

Setting	Default
Auto off	30 s
Speedlight options	
Variable power	±0
Speedlight control	Auto
Shot confirmation	Off
Shutter sound	On

PLAY BACK menu

Setting	Default
Folders	All folders
Auto Off	30 s
Slide show	
Frame Intvl	3 s

Using the SET-UP Menu

The options available in the SET-UP menu depend on the operating mode and, in ○ (shooting) mode, the User Set selected. The following table lists the options available in each operating mode and User Set.
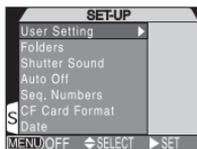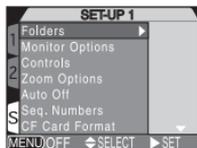
| SET-UP
User Setting
Folders
Shutter Sound
Auto Off
Seq. Numbers
CF Card Format
Date
MENU OFF SELECT SET | ○ (shooting) mode
User Set A |
| SET-UP
Monitor Options
Shutter Sound
Auto Off
CF Card Format
Date
Video Mode
Language
MENU OFF SELECT SET | ▶ (playback) mode |

| SET-UP 1
Folders
Monitor Options
Controls
Zoom Options
Auto Off
Seq. Numbers
CF Card Format
MENU OFF SELECT SET | ○ (shooting) mode
User Set 1, 2, 3
(Page 1) |
| SET-UP 2
Speedlight Opt.
Shutter Sound
Date
info.txt
Video Mode
Language
USB
MENU OFF SELECT SET | ○ (shooting) mode
User Set 1, 2, 3
(Page 2) |

Option	○		▶	👁
	User Set A	User Set 1, 2, 3		
User Setting	✔	— *1	—	—
Folders	✔	✔	—*2	121
Monitor Options	—	✔	✔	126
Controls	—	✔	—	129
Zoom Options	—	✔	—	131
Auto Off	✔	✔	✔	133
Seq. Numbers	✔	✔	—	134
CF Card Format	✔	✔	✔	135

*1 **User Setting** option accessible from main SHOOTING menu.
*2 Playback **Folders** option accessible from main PLAY BACK menu (👁 145).

120

Option	⬛		▶	⚙	
	User Set A	User Set 1, 2, 3			
Speedlight Opt.	—	✔	—		136
Shutter Sound	✔	✔	✔		140
Date	✔	✔	✔		141
info.txt	—	✔	—		141
Video Mode	—	✔	✔		142
Language	—	✔	✔		142
USB	—	✔	—		143

Organizing Your Pictures: *Folders*

By default, pictures are stored on the memory card in a folder labeled NIKON. To make it easier to locate pictures during playback, you can create additional folders and organize pictures by theme. The **Folders** menu is used to create, rename, and delete folders, and to select the folder in which subsequent pictures and movies will be stored, or from which images will be played back.

```
          FOLDERS
1  Folders      Options
   Monitor Option NIKON  ▶
2  Controls
   Zoom Options
   Auto Off
S  Seq. Numbers
   CF Card Format
MENU OFF  ◆SELECT  ▶SET
```
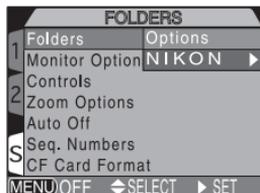
Creating, Renaming, and Deleting Folders: *Options*

The **Options** menu in the **Folders** menu can be used to create, rename, or delete folders.

```
          OPTIONS
1
   ✎   New
2
   ⒶBC  Rename
S
   🗑   Delete    ▶
MENU OFF  ◆SELECT  ▶SET
```

121

Creating New Folders

1

OPTIONS
- ✎ **New** ▶
- ⒶBC Rename
- 🗑 Delete

MENU OFF   ◆SELECT   ▶SET

Highlight **New**

2

NEW
L
M
▲
N   I K O N
▼
O
P

MENU OFF   ◆SELECT   ▶SET
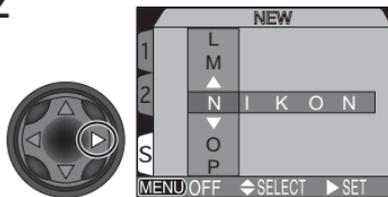
Display default folder name (NIKON)

3

NEW
G
H
▲
N   **I** K O N
▼
J
K

MENU OFF   ◆SELECT   ▶SET

Highlight letter

4

NEW
H
I
▲
N   **J** K O N
▼
K
L

MENU OFF   ◆SELECT   ▶SET
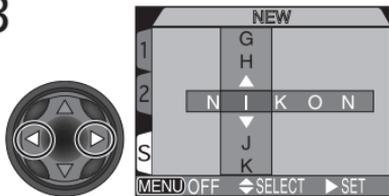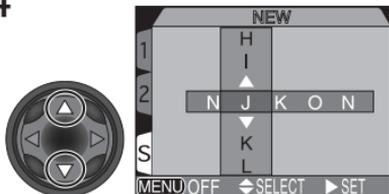
Press multi selector up or down to edit selected letter. Folder name can include uppercase letters ("A"–"Z"), numbers, and spaces. Press multi selector to right to set selection. Repeat steps 3 and 4 to create new five-letter folder name.

5

NEW
Y
Z
▲
N   O **V**
▼
0
1

MENU OFF   ◆SELECT   ▷SET
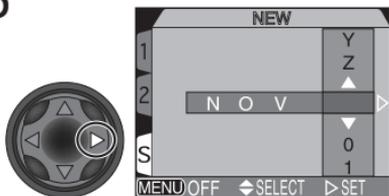
Highlight last letter and press multi selector to right to create new folder. Until a different folder is selected from **Folders** menu, all new images will be stored in new folder. Press MENU button to exit without creating folder.

Renaming Existing Folders

1

OPTIONS

☑ New
ABC Rename ▶
🗂🗑 Delete

MENU OFF ◆SELECT ▶SET

Highlight **Rename**

2

RENAME

☐ TOKYO ▶
☐ OSAKA

MENU OFF ◆SELECT ▶SET
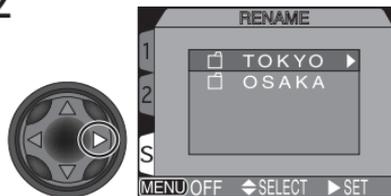
Display list of existing folders (folder NIKON can not be renamed)

3

RENAME

☐ TOKYO
☐ OSAKA ▶

MENU OFF ◆SELECT ▶SET

Highlight folder name

4

RENAME

M
N
▲
O S A K A
P
Q

MENU OFF ◆SELECT ▶SET

Display menu

5

RENAME

M
N
▲
K Y O T O
P
Q

MENU OFF ◆SELECT ▶SET
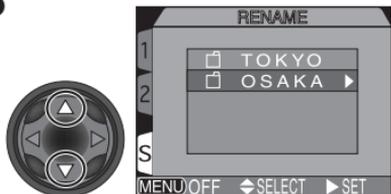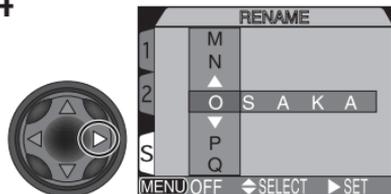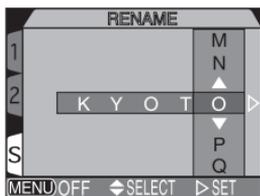
Edit name as described in steps 3–5 of "Creating New Folders" (opposite).

123

Deleting Folders

1

OPTIONS

1 ☑ New
2 🔤 Rename
S 🗑 Delete ▶

MENU OFF   ◆SELECT   ▶SET

Highlight **Delete**

2

DELETE

1 📁 TOKYO ▶
2 📁 OSAKA
S 📁 KOBE

MENU OFF   ◆SELECT   ▶SET
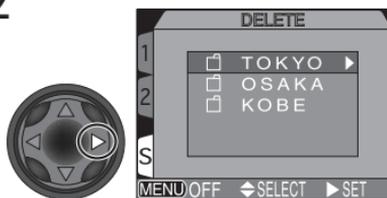
Display list of folders

3
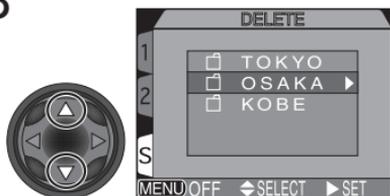
DELETE

1 📁 TOKYO
2 📁 OSAKA ▶
S 📁 KOBE

MENU OFF   ◆SELECT   ▶SET

Highlight folder name

4

DELETE

🗑 📁OSAKA
     Deleting folder?

        No   ▷
        Yes

MENU OFF   ◆SELECT   ▷SET

Confirmation dialog displayed. Press multi selector up or down to highlight option, press to right to select:
• Select **No** to exit without deleting folder
• Select **Yes** to delete selected folder

🖉 **Hidden and Protected Images**

If the selected folder contains hidden or protected images, the folder will not be deleted. Any images it contains that are neither hidden nor protected will, however, be deleted.

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Choosing a Folder

Once additional folders have been created, you can select the folder for playing back or storing images in ☐ (shooting) mode. Until a new folder is selected, all subsequent images will be stored in this folder, which will also be used for playback.

1
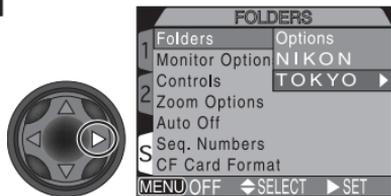
Highlight folder name

2
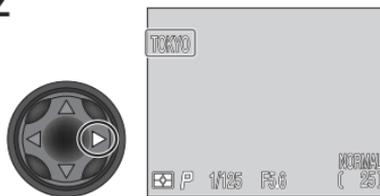
Folder name shown in monitor or viewfinder (no name displayed when folder NIKON is selected)

🔍 Ultra HS

With each sequence of pictures taken at **Ultra HS** (📷 104), the camera creates a new folder in which all pictures in the sequence are stored. Each folder will have a name consisting of "N_" followed by a three-digit number assigned automatically by the camera. Folders can be deleted or selected for playback from the **Folders** menu, but folders created at a setting of **Ultra HS** can not be selected for storing additional images.

Adjusting Monitor Settings: *Monitor Options*

The **Monitor Options** menu sets monitor brightness and hue. In User Sets 1, 2, and 3, it can also specify whether the monitor or viewfinder will turn on automatically when the camera is turned on.

```
            MONITOR OPTIONS
1  Folders
   Monitor Options
   Contro Start-up Display        ▶
2  Zoom   Review Options
   Auto O Shutter Release Speed
S  Seq. N Brightness
   CF Ca  Hue
MENU OFF    ◆SELECT   ▶SET
```
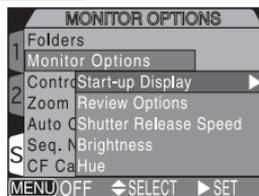
Controlling the Monitor: *Start-up Display*

This option specifies whether the monitor or viewfinder turns on when the camera is set to shooting mode (User Sets 1, 2, and 3) and turned on.

```
           START-UP DISPLAY
1
        Monitor On         ▷
2       Viewfinder On

S
MENU OFF    ◆SELECT   ▷SET
```

Option	Description
Monitor On	Monitor turns on automatically at start-up; however, if monitor is closed, viewfinder will turn on instead.
Viewfinder On	Viewfinder turns on at start up, or when switching from playback mode to shooting mode.

Regardless of the setting chosen for **Start-up Display**, you can switch between the monitor and viewfinder any time the monitor is open by pressing the 🔲 / SEL button.

🔍 Taking Pictures and the Quick Response Setting

When **Shutter Release Speed** is set to **Quick Response**, pressing the shutter-release button all the way down while the previous image is displayed in the monitor (**Review On**), will take another picture. The new picture will use the previous image's focus and exposure settings. Note, the built-in Speedlight will not fire.

Setting "Keep or Delete" Display: *Review Options*

This option specifies whether or not pictures are displayed in the monitor for a few seconds after shooting.

Option	Description
Review On	Pictures are displayed briefly in monitor after shooting.
Review Off	Pictures are not displayed briefly in monitor after shooting.

## Controlling Shutter Response Time: *Shutter Release Speed*

This option specifies the timelag between pressing the shutter button all the way down and the actual taking of the picture. Display quality in the monitor or viewfinder is also affected.
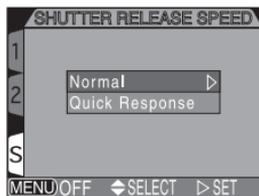
Option	Description
Normal	Normal time lag between pressing shutter-release button and taking of picture. Image in monitor or viewfinder will appear jerky if camera is moved, but display quality will be high.
Quick Response	Shorter time lag between pressing shutter-release button down and taking of picture, but display quality will be lower. Horizontal lines may appear in monitor or viewfinder.

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Adjusting Monitor Brightness: *Brightness*

This option controls monitor brightness. Press the multi selector up or down to increase or decrease the brightness of the monitor or viewfinder. Changes are immediately visible in the center of the display.
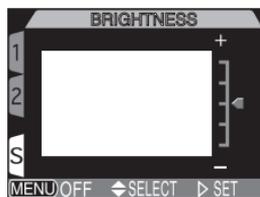
Adjusting Monitor Tone: *Hue*

This option controls the hue (tone) of the monitor. Press the multi selector up to give the monitor or viewfinder display a blue cast, down to give a red cast. Changes are immediately visible in the center of the display.
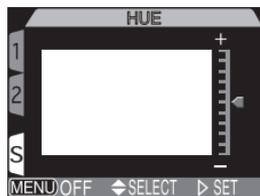
Customizing Camera Controls: *Controls*

The options in the **Controls** menu determine what settings made with the camera buttons are recalled when User Set 1, 2, or 3 is selected, what function is assigned to the FUNC button in User Sets 1, 2, and 3, and what function is assigned to the AE/AF LOCK button.
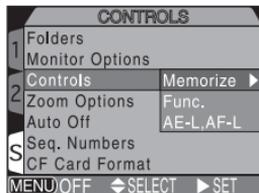
Restoring Button Settings: *Memorize*

The **Memorize** option determines what camera button settings remain in memory (User Set 1, 2, or 3) when the camera is turned off. Any unchecked items will be restored to default value settings when the camera is turned off.
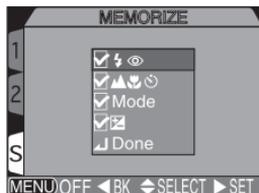
Option	Setting affected	Default
⚡ ◉	Flash mode	Auto or auto with red-eye reduction*
▲⚘⏱	Focus mode	Autofocus
Mode	Exposure mode	Programmed auto (P)
⚡	Exposure compensation	±0

*Will revert to whichever setting was last used.

To check, or uncheck, an option, highlight the item and press the multi selector to the right. Highlight **Done** and press the multi selector to the right to put any changes into effect.

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Assigning Functions to the FUNC Button: *Func.*

In User Sets 1, 2, and 3, you can choose the function assigned to the FUNC button, making it possible to select the User Set or adjust white balance and metering without accessing the camera menus, or to adjust flash and focus mode without using the buttons on the camera. The following options are available:

```
          FUNC.
1  User Setting      ▷
   ▲ ♣ ⏱
2  ⚡ ⊙
   White Balance
S  Metering
MENU OFF   ◆SELECT  ▷ SET
```
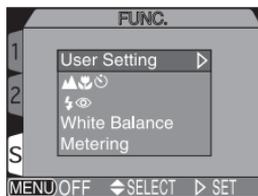
Option	Description
User Setting (default)	Press FUNC button and rotate command dial to change the User Set (🔲 68).
▲ ♣ ⏱	Press FUNC button to change the focus mode (🔲 53). Press FUNC button and rotate command dial to enter manual focus (🔲 80).
⚡ ⊙	Press FUNC button to change the flash mode (🔲 62). Press FUNC button and rotate command dial to set sensitivity (ISO value) (🔲 78).
White Balance	Press FUNC button and rotate the command dial to set white balance (🔲 101). Press FUNC button and hold for 2 sec. to measure preset white balance according to the object in the center of the frame.
Metering	Press FUNC button and rotate the command dial to set metering (🔲 103).

🖉 Controlling White Balance with FUNC

With the FUNC button set to **White Balance**, pressing FUNC will display the white balance setting in the control panel as follows: **PrE** (white balance preset), **Sun**, **Inc** (incandescent), **Flu** (fluorescent), **Clo** (cloudy), **Fla** (Speedlight), no display (auto).

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Options for the AE/AF ⬤ⓄⒸⓀ Button: *AE-L, AF-L*

By default, both focus and exposure are locked when the AE/AF ⬤ⓄⒸⓀ button is pressed. The options in the **AE-L, AF-L** menu can be used to set the button to lock only focus or exposure.
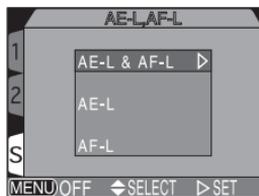
Option	Description
AE-L&AF-L	Pressing the AE/AF ⬤ⓄⒸⓀ button locks both focus and exposure.
AE-L	Pressing the AE/AF ⬤ⓄⒸⓀ button locks exposure only. Focus is locked when shutter-release button is pressed halfway.
AF-L	Pressing the AE/AF ⬤ⓄⒸⓀ button locks focus only. Exposure is locked when shutter-release button is pressed halfway.

Controlling Zoom: *Zoom Options*

The **Zoom Options** menu contains settings for optical and digital zoom.
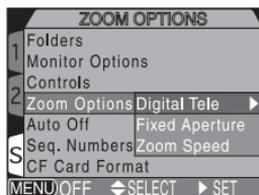
Digital Tele

This menu turns digital zoom on and off. If **On** is selected, the camera enters digital zoom mode when the ⒯ button is held down for more than two seconds at the maximum optical zoom position. If **Off** is selected, digital zoom can not be used.
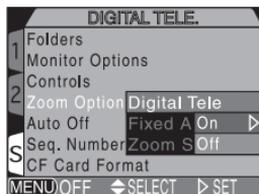
Fixed Aperture

Normally, aperture changes with the zoom position. If desired, you can set the camera to maintain the f/-number selected in aperture-priority or manual exposure modes as you zoom in or out.
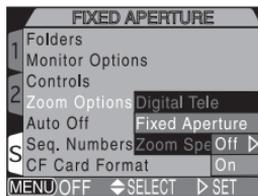
Option	Description
Off	Aperture changes as you zoom in or out.
On	In aperture-priority and manual exposure modes, aperture is fixed at selected f/-number as camera is zoomed in or out. Note that the selected f/-number may exceed the camera's exposure range at the new zoom position; to prevent this, choose an f/-number from about f/5 to around f/8.

Zoom Speed

Zoom speed is adjustable, and can be set to either of the options below.
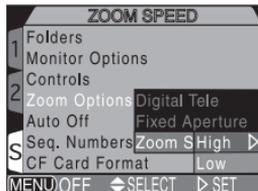
Option	Description
High	Use when rapid response is required.
Low	Use when precise control is required.

🔍 **Fixed Aperture and Auto Off**

If the camera goes into "sleep mode" (**Auto Off**, next page) while **Fixed Aperture** is set to **On**, the aperture will be set to the largest aperture (smallest f/number) when the camera is revived. Pressing the shutter-release button halfway will return the aperture to the setting it was at before the camera went into "sleep mode".

Conserving Battery Power: *Auto Off*

When operated on battery power, the camera will enter sleep mode if no operations are performed for 30 seconds. This default time limit can be changed from 30 seconds to one minute, five minutes, or 30 minutes using the **Auto Off** menu.

The time limit for ▲ (shooting) mode can be set from the SET-UP menu for any User Set, and applies to all User Sets. The time limit for playback is independent of the time limit for ▲ (shooting) mode, and is set using the **Auto Off** option in the playback SET-UP menu.

AUTO OFF	
Folders	
Monitor Options	
Controls	
Zoom Options	30 s ▷
Auto Off	1 M
Seq. Numbers	5 M
CF Card Format	30 M
MENU OFF ◆ SELECT ▷ SET	

🔍 Sleep Mode

In sleep mode, all camera functions are deactivated and the camera itself is effectively off, consuming almost no power. The camera can be reactivated by pressing the shutter-release button halfway, moving the mode selector, or pressing DISP, MENU, or QUICK.

🔍 Using an AC Adapter

When the camera is powered by the EH-53 AC adapter or the EH-21 AC adapter/battery charger (both available separately), the camera will remain on for 30 minutes if no operations are performed, regardless of the setting in the **Auto Off** menu.

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File Numbering: *Seq. Numbers*

The camera assigns each picture a file name consisting of "DSCN" followed by a four-digit number assigned automatically by the camera (e.g., "DSCN0001.JPG"). This option controls how files are numbered.

```
         SEQ. NUMBERS
1 Folders
  Monitor Options
  Controls
2 Zoom Options
  Auto Off              On   ▷
S Seq. Numbers          Off
  CF Card Format        Reset
MENU OFF   ◆SELECT   ▷SET
```
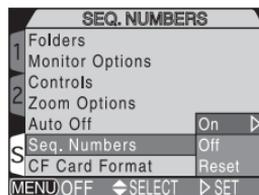
Option	Description
On	The camera assigns all subsequent file and folder numbers sequentially in ascending order, starting from the last number used. If the memory card is formatted or a new card inserted in the camera, file and folder numbering will continue from the last numbers used.
Off	The camera does not store the last file and folder numbers used. When a new file or folder is created, numbering starts from the lowest number available.
Reset	Clears the current file and folder numbers from memory. Sequential numbering begins again from the lowest numbers available.

File Numbering

File numbering starts over from 0001 if a picture is taken when the current folder contains a file numbered 9999. The camera will create a new folder by adding one to the current folder number (for example, if the current folder is "100NIKON," the new folder will be named "101NIKON"). The new picture will be numbered 0001 and stored in the new folder. Each folder can hold up to 200 pictures. If file numbering reaches 9999 when the card contains a folder numbered 999, no more pictures can be stored on the card, even if sufficient memory remains. Insert a new memory card or format the current card.

Resetting File Numbering to 0001

To reset file numbering to 0001, insert an empty memory card or format the current memory card before selecting **Reset**. Note that formatting the memory card deletes all data it may contain, including hidden and protected images.

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Formatting Memory Cards: *CF Card Format*

Use this menu to format the memory card. *Formatting permanently deletes all data on the memory card.*

Setting	Description
No	Exit without formatting card.
Format	Press multi selector to right to start formatting. Formatting begins immediately. Formatting can not be reversed. All images on the card will be permanently deleted.

While formatting is in progress, the message shown will be displayed.

✔ During Formatting

Do not remove the memory card, remove the battery, or unplug the AC adapter (available separately) while formatting is in progress. Doing so may damage the card and render it incapable of recording pictures.

✔ Formatting Deletes Data

Formatting permanently deletes all data on the memory card. Before formatting, be sure to transfer to a computer any images you would like to keep.

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Controlling the Flash: *Speedlight Options*

This menu controls both the built-in Speedlight and external Speedlight options.

Controlling the Built-in Speedlight: *Pop Up*

In the default auto mode, the built-in Speedlight pops up when needed. Use this menu to change the pop up setting so that the flash will only pop-up when the ⚡ button is pressed.
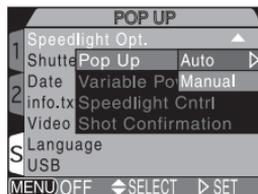
Setting	Description
Auto	Built-in Speedlight pops up automatically when needed. Flash must be lowered manually. If left raised, flash only fires when illumination is low, unless set to fill-flash mode.
Manual	Built-in Speedlight will only pop-up when the ⚡ button is pressed. Flash must be lowered manually. If left raised, flash fires every time the shutter-release button is pressed.

Controlling Flash Output: *Variable Power*

This menu adjusts flash output. Flash output can be lowered or raised from –2.0 EV to +2.0 EV in increments of $^1/_3$ EV.
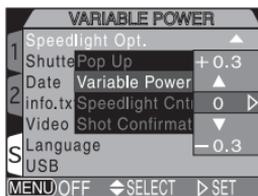
Options for External Speedlights: *Speedlight Cntrl*

This menu controls the built-in Speedlight when using external Speedlights connected to the camera's accessory shoe (🔧 4).

Option	Description
Auto	If no external Speedlight is attached, built-in Speedlight functions normally. When attached, only external Speedlight fires.
Int&Ext Active	Built-in Speedlight fires at same time as external Speedlight.

Shot Confirmation

The red-eye reduction lamp can be fired after the shutter is released to let your subjects know that a picture has been taken.

To turn shot confirmation on, select **On** in the **Shot Confirmation** menu. The default setting is **Off**.

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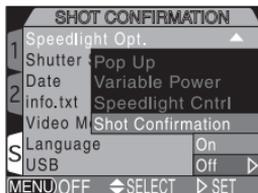
Using an External Speedlight

Follow the instructions below to attach an external Speedlight. Refer to your Speedlight manual for detailed instructions regarding Speedlight operation.

1   Make sure that both the camera and the external Speedlight are turned off.

2   Attach the Speedlight to the camera accessory shoe.

3   Turn both the camera and the Speedlight on.

4   Set the external Speedlight zoom head to an angle wider than 28 mm.

   If you are using a Speedlight with Auto Power Zoom, set the zoom head angle manually. The COOLPIX5700 does not support power zoom.

5   Set the external Speedlight flash mode to TTL.

   At this setting, the amount of light produced by the external Speedlight is measured by the camera's photocell, and the flash shooting range adjusted automatically to ensure optimal exposure. D-TTL flash control (available with the SB-80DX, SB-50DX and SB-28DX) is not supported.

6   Take the picture

   If the **Speedlight Options**: **Speedlight Control** option in the SET-UP menu is set to **Auto**, only the external Speedlight will fire. If this option is set to **Int & Ext Active** then the external Speedlight and the built-in Speedlight will fire at the same time.

   The COOLPIX5700 does not support AF-assist illumination, or red-eye reduction using the red-eye reduction lamp on the external Speedlight.

   At a setting of STBY (standby), the Speedlight will turn on automatically whenever the camera turns on but will not turn off automatically when the camera turns off.

   Exact functionality varies with the Speedlight in use. Refer to your Speedlight manual for details.

✔ Use Only Nikon Flash Accessories

Use only Nikon Speedlights. Negative voltages or voltages over 250 V applied to the camera's sync terminal could not only prevent normal operation, but also damage the sync circuitry of the camera or flash.

Notes on Built-in and External Speedlights

- By default, the flash mode is set to auto and when additional light is required for correct exposure, the built-in Speedlight will pop up automatically when the shutter-release button is pressed halfway. The built-in Speedlight will also pop up when an external Speedlight is attached so that the photocell can be used to correctly set exposure for the shot. If your finger or another object obstructs the Speedlight, preventing it from popping up when the shutter-release button is pressed halfway, the built-in Speedlight and any external Speedlight will not fire and a message will appear in the monitor.
- When **Pop Up** is set to **Manual**, the built-in Speedlight will only pop up when the 🔆 button is pressed. To use the photocell for external Speedlights, press the 🔆 button.
- When the built-in Speedlight is raised, keep your fingers and other objects away from the flash window and photocell.

Flash-Mode Indicators for External Speedlights

When **Auto** is selected in the **Speedlight Cntrl** menu and an external Speedlight is attached, the flash-mode indicators in the control panel and monitor or viewfinder show the flash mode as follows:

Setting: Pop Up > Auto

Flash mode	Control panel	Monitor
Auto	AUTO ⚡	**A** ⚘
Flash cancel (off)	⚘	⚘
Auto with red-eye reduction	AUTO ⚡ 👁	👁 ⚘
Fill-flash	⚡	⚡ ⚘
Slow sync	AUTO ⚡ 🖼	🖼 ⚘

Setting: Pop Up > Manual

Flash mode	Control panel	Monitor
Fill-flash	⚡	⚡ ⚘
Red-eye reduction with fill-flash	👁 ⚡	👁 ⚘
Slow sync with fill-flash	⚡ 🖼	🖼 ⚘

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Audio Confirmation: *Shutter Sound*

The **Shutter Sound** menu controls the "beep" made by the camera's speaker.

```
         SHUTTER SOUND
1  Speedlight Opt.
   Shutter Sound      On  ▷
   Date               Off
2  info.txt
   Video Mode
S  Language
   USB
MENU OFF  ◆SELECT  ▷SET
```

Option		Description
On	One beep	• the camera has been turned on • the shutter-release button has been pressed all the way down to release the shutter • manual focus has been activated or a lens-converter option selected in the **Lens** menu • images have been deleted or the memory card formatted • changes have been made to image status with the **Hide**, **Protect**, **Print Set**, or **Auto Transfer** items in the PLAY BACK menu • **Shutter Sound** has been set to **On**
	Two beeps	• the memory card is full • the memory card is not inserted
Off		Confirmation and warning beeps disabled. Sound recorded with movies can still be played back.

🖉 Quick Response

Since priority is given to quick photography when the SET-UP menu's **Shutter Release Speed** option is set to **Quick Response**, the camera will not beep even if **Shutter Sound** is set to **On**.

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Setting the Time and Date: *Date*

This option sets the camera to the current date and time. For more information, see "Step 5 — Set the Time and Date" (🔳 19).
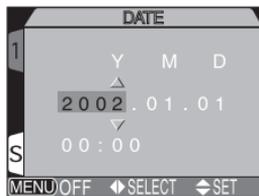
Storing Photo Info in a Separate File: *info.txt*

While **On** is selected in the **info.txt** menu, the following information about each image recorded is stored in an independent text file ("info.txt"):

- File number and type
- Camera type and firmware version
- Metering method
- Exposure mode
- Shutter speed
- Aperture
- Exposure compensation
- Focal length and digital zoom
- Image adjustment
- Sensitivity (ISO equivalency)
- White balance
- Sharpening
- Date of recording
- Image size and quality
- Saturation control
- Focus area

The info.txt file is stored in the same folder as the image. When the contents of the memory card are viewed from a computer, this file can be read with a text browser such as Notepad or SimpleText. Images are listed in the order recorded, separated by a blank line.

Choosing a Video Standard: *Video Mode*

The **Video Mode** menu is used to select the standard used for video output. Adjust this setting to match the standard used in any video device to which you connect the camera (📖 46).

VIDEO MODE	
1 Speedlight Opt.	
Shutter Sound	
2 Date	
info.txt	
Video Mode	NTSC ▷
S Language	PAL
USB	
MENU OFF ◆SELECT ▷SET	

Option	Description
NTSC	Use when connecting camera to NTSC devices.
PAL	Use when connecting camera to PAL devices. If the video cable is connected to the camera at this setting, camera monitor or viewfinder will turn off.

Choosing a Language: *Language*

This option is used to choose the language in which camera menus and messages are displayed. For more information, see "Step 4 — Choose a Language" (📖 18).

LANGUAGE	
1 Speedlight Opt.	
Shutter Sound	De
Date	En ▷
2 info.txt	Fr
Video Mode	日
S Language	Es
USB	
MENU OFF ◆SELECT ▷SET	

Option	Description
De	**De**utsch (German)
En	**En**glish
Fr	**Fr**ançais (French)
日	Japanese
Es	**Es**pañol (Spanish)

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Choosing a USB Protocol: *USB*

This option is used to select the USB protocol used when your camera is connected to a computer (🖥 40). Your camera supports two protocols: **PTP** (**P**icture **T**ransfer **P**rotocol) and **Mass Storage**. The default setting is **Mass Storage**.

Setting	Description
PTP	PTP is supported only under Windows XP Home Edition, Windows XP Professional, and Mac OS X (version 10.1.2 or later). Select this option when using PTP to transfer pictures to your computer.
Mass Storage	The Mass Storage protocol is supported under Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE), Mac OS X (version 10.1.2 or later), and Mac OS 9.0, 9.1, 9.2. If this option is selected, the camera will function as a mass storage device when connected to a computer.

✐ 🖉 **Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE), Mac OS 9**

Do *not* select **PTP** when connecting the COOLPIX5700 to a computer running one of the above operating systems (there is no need to change the USB setting when using the camera for the first time, as **Mass Storage** is the default setting).

If you have already changed the USB setting to **PTP**, be sure to select **Mass Storage** before connecting the camera to your computer.

If you have connected the camera to a computer running one of the above operating systems with **PTP** selected in the **USB** menu, disconnect the camera as described below. Be sure to select **Mass Storage** in the **USB** menu before reconnecting the camera.

Windows 2000 Professional

A dialog will be displayed welcoming you to the Found New Hardware Wizard. Click **Cancel** to close the dialog, and then disconnect the camera.

Windows Millennium Edition (Me)

After displaying a message stating that the hardware information database is being updated, the computer will start the Add New Hardware Wizard. Click **Cancel** to exit the wizard, and then disconnect the camera.

Windows 98 Second Edition (SE)

The Add New Hardware Wizard will be displayed. Click **Cancel** to exit the wizard, and then disconnect the camera.

Mac OS 9

A dialog will be displayed stating that the computer is unable to use the driver needed for the "Nikon Digital Camera E5700_PTP" USB device. Click **Cancel** to close the dialog, and then disconnect the camera.

Using the PLAY BACK Menu

The items in the PLAY BACK menu are as follows:

Menu Item	👁
Delete	145
Folders	148
Slide Show	149
Protect	151
Hide Image	152
Print Set	153
Auto Transfer	155

🗑 Deleting Images: *Delete*

Use the **Delete** menu to delete all images, or only selected images, from the memory card. The **Delete** menu also allows you to delete the **Print Set** and reset **Auto Transfer** markings.

Deleting Selected Images and Movies

To delete selected images and movies:

1
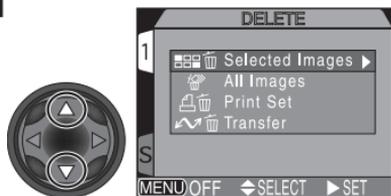
Highlight **Selected Images**

2

Display menu of thumbnail images

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3

ERASE SELECTED IMAGES

◀▶SELECT ◆SET **QUICK** DONE

Highlight image

4

ERASE SELECTED IMAGES

◀▶SELECT ◆SET **QUICK** DONE

Press multi selector up or down to select image for deletion. Selected images are marked by a 🗑 icon. Repeat steps 3 and 4 to select additional images for deletion. To deselect image, highlight and press multi selector up or down.

5

QUICK

DELETE

4 ERASE IMAGES
YES OR NO ?

No   ▷
Yes

◆SELECT ▷SET

Press **QUICK** to display a confirmation dialog. Press multi selector up or down to highlight option, press to right to put choice into effect:

- Select **No** to exit without deleting images
- Select **Yes** to delete all selected images

🖉 Before Deletion

Once deleted, pictures can not be recovered. Be sure that any pictures you would like to keep have been transferred to your computer.

🖉 Hidden and Protected Pictures

Pictures marked with a 🔒 icon are protected and can not be selected for deletion. Pictures hidden with the **Hide Image** (🐾 152) option are not displayed in the **Delete**: **Selected Images** menu and can not be deleted.

Deleting All Images and Movies

To delete all images and movies on the memory card (images that are protected or hidden will not be deleted):

1
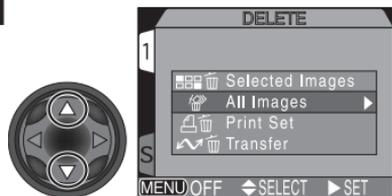
DELETE

🔲🔲🗑 Selected Images
📷 All Images ▶
🖨🗑 Print Set
➰🗑 Transfer

MENU OFF   ◆SELECT   ▶SET

Highlight **All Images**

2

ERASE ALL IMAGES

🗑 Erasing All Images
(⊶ ⌗ Exclude)

No ▷
Yes

MENU OFF   ◆SELECT   ▷SET

Confirmation dialog displayed. Press multi selector up or down to highlight option, press to right to put choice into effect:

• Select **No** to exit without deleting images
• Select **Yes** to delete all images on memory card (images that are protected or hidden will not be deleted)

Delete the Current Print Set

To delete the current print set (🔲 153), select **Print Set** from the **Delete** menu and press the multi selector to the right.

DELETE

🔲🔲🗑 Selected Images
📷 All Images
🖨🗑 Print Set ▶
➰🗑 Transfer

MENU OFF   ◆SELECT   ▶SET
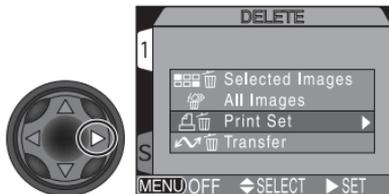
Reset Auto Transfer Markings

To remove transfer markings (🔲 156) from all images, select **Transfer** from the **Delete** menu and press the multi selector to the right.
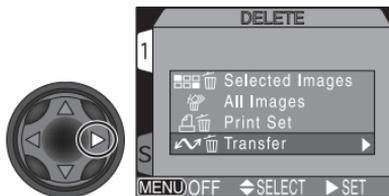
DELETE

🔲🔲🗑 Selected Images
📷 All Images
🖨🗑 Print Set
➰🗑 Transfer ▶

MENU OFF   ◆SELECT   ▶SET

🔍 Cancelling the Print Order

To cancel the current print order when it is no longer needed, select **Print Set** from the **Delete** menu. Note that this will also remove transfer markings from any movies marked for transfer.

147

❀ **Selecting a Folder for Playback:** *Folders*

The **Folders** menu in the PLAY BACK menu can be used to select images in all folders for playback, or play back images in a selected folder.

FOLDERS
☐↔ Options
* All Folders ▶
☐ NIKON

MENU OFF ◆SELECT ▶SET

1

FOLDERS
☐↔ Options
* All Folders ▶
☐ NIKON

MENU OFF ◆SELECT ▶SET
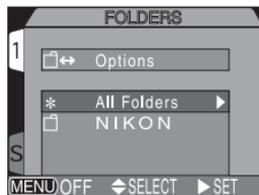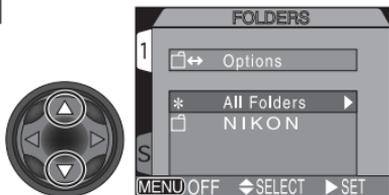
Highlight desired folder. To view images in all folders, select **All Folders**

2

PLAY BACK MENU
🗑 Delete ▶
* Folders
🖳 Slide Show
⊶ Protect
▦ Hide Image
🖺 Print Set
〜 Auto Transfer

MENU OFF ◆SELECT ▶SET

Press multi selector to right, to select folder and return to PLAY BACK menu

3

2002.05.05   100NIKON
15:00   0018.JPG

NORMAL   1)
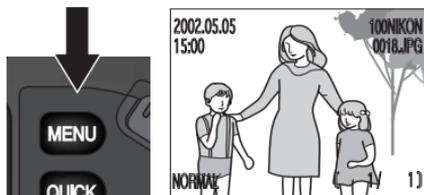
Press MENU button to return to full-screen playback, most recent image in selected folder displayed

✐ **Playing Back Ultra HS Images**

With each sequence of pictures taken at **Ultra HS** (👁 104), the camera creates a new folder in which all pictures in the sequence are stored. Each folder will have a name consisting of "N_" followed by a three-digit number assigned automatically by the camera. Pictures can be played back by selecting the appropriate folder or **All Folders** from the playback **Folders** menu.

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▶ Automated Playback: *Slide Show*

The **Slide Show** menu in the PLAY BACK menu is used for automated sequential playback. To start a slide show, select **Start** from the **Slide Show** menu. All pictures in the current folder that have not been hidden using **Hide Image** will be played back one after the other in the order recorded, with a pause between each picture. Movies will be displayed as still images showing the movie's first frame.

To start a slide show follow the steps below:

1

Highlight **Start**

2
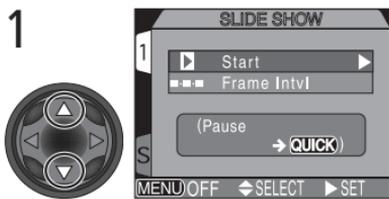
Press multi selector to the right to cycle through all images in the current folder except hidden images

🔍 After the Slide Show

Once all pictures have been shown, the slide show will pause with the first picture in the folder displayed. To return to the PLAY BACK menu, press multi selector to the left. To return to full-screen playback, press the 🔘 button.

✐ Auto Off

If no operation is performed for more than 30 minutes during a slide show, the monitor or viewfinder will turn off automatically to save power.

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While the slide show is in progress, the following operations can be performed:

To	Use	Description
Pause slide show	QUICK	Press QUICK to pause slide show. To restart, highlight **Restart** and press the multi selector to the right. Press the multi selector left to return to PLAY BACK menu.
Go forward or back one frame		Press the multi selector up or left to go back one frame, down or right to go to forward one frame.
End slide show	MENU	Press the MENU button to end the slide show and return to full-screen playback.
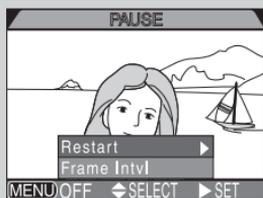
Changing the Display Interval

To set the duration of display for each slide, highlight **Frame Intvl.** (in the **Slide Show** menu or **Pause** dialog) and press the multi selector to the right. Then highlight the desired setting from the menu shown right, and press the multi selector to the right again.
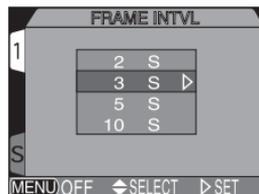
🖉 Interval Setting

The actual frame interval may differ slightly from the selected interval due to differences in file size.

Safeguarding Valuable Images: *Protect*

Selecting **Protect** from the PLAY BACK menu displays the menu shown at right, where you can select pictures to protect from accidental deletion. Protected files can not be deleted in review, full-screen playback, or from the **Delete** menu.

1

Highlight image

2

Press multi selector up or down to select image. Selected images are marked by ⊶ icon. Repeat steps 1 and 2 to select additional pictures. To deselect picture, highlight and press multi selector up or down.

3

⊶ DONE

Press QUICK to complete operation. To exit **Protect** menu without changing protected status of pictures, press MENU button.

✔ Formatting the Memory Card

Note that protected pictures will be deleted when a memory card is formatted.

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🔲 **Hiding Images During Playback:** *Hide Image*

The **Hide Image** menu allows you to hide any of the images in the current folder. Once hidden, images can only be viewed in the **Hide Image** menu. They can not be deleted in full-screen review or full-screen playback, or using the options in the **Delete** menu. **Hide Image** is useful for preparing slide shows.

1

Highlight image

2

Press multi selector up or down to select image. Selected images are marked by a 🔲 icon. Repeat steps 1 and 2 to select additional images. To deselect image, highlight and press multi selector up or down.

3

🔲 DONE

Press 🔲 to complete operation. To exit **Hide Image** menu without changing hidden status of images, press 🔲 button.

✓ **Formatting the Memory Card**

Note that hidden images will be deleted when a memory card is formatted.

✐ **"ALL IMAGES ARE HIDDEN"**

If all the images in the current playback folder are hidden, the message "ALL IMAGES ARE HIDDEN" (📖 170) will be displayed in full-screen review or full-screen playback. No images can be played back until another folder has been selected or **Hide Image** is used to reveal some of the images in the current folder.

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⎙ Ordering Prints: *Print Set*

Use the **Print Set** menu to select images for printing. This "print set" is stored on the memory card in Digital Print Order Format (DPOF).

1

Highlight image

2
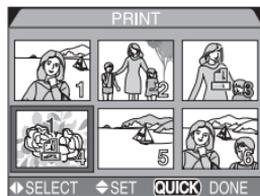
Press multi selector up to select image (selected images marked with a ⎙)

◉ Digital Print Order Format

With the **Print Set** menu, you can specify photographs to be printed, the number of prints, and the information to be included on each print. This information is stored on the memory card in **D**igital **P**rint **O**rder **F**ormat (DPOF). Once a print order has been created, the memory card can be removed from the camera and inserted in any DPOF-compatible device—be it your personal photo printer or a photofinisher's print system—and images printed directly from the card. The Nikon NP-100 photo printer does not support printing photo information or dates.

153
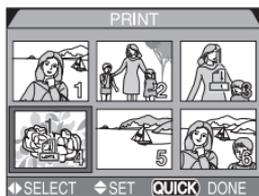
Press multi selector up to increase number of print copies (maximum 9), down to decrease number. To deselect image, press multi selector down when number of prints is 1. Repeat steps 1–3 to select additional images.

PRINT

4

QUICK

PRINT SET

⏏ Done ▷

☐ Info
☐ Date

MENU OFF ◆ SELECT ▷ SET
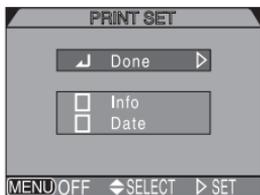
Press QUICK to display options.

Press multi selector up or down to highlight options.

• Highlight **Info** and press multi selector right to print shutter speed and aperture on all images.
• Highlight **Date** and press multi selector right to print date of recording on all images.
• To deselect an item, highlight and press multi selector to right.
• When finished, highlight **Done** and press multi selector to right. To exit without altering print order, press MENU button.

🔍 Cancelling the Print Order

To cancel the current print order when it is no longer needed, select **Print Set** from the **Delete** menu (🔲 147).

⚏ **Selecting Images for Transfer:** *Auto Transfer*

When the camera is connected to a computer running Nikon View 5, images that have been selected for transfer using the **Auto Transfer** option can be copied to the computer.

Selecting Images for Transfer

Highlight **Selected Photos** in the **Auto Transfer** menu and press the multi selector to the right. The menu shown at right will be displayed. To select images for transfer to a computer:

1

Highlight image

2

Press multi selector up or down to select image for transfer. Selected images are marked by ⚏ icon. Repeat steps 1 and 2 to select additional images. To deselect image, highlight and press multi selector up or down.

3

⚏ DONE

Press � to complete operation. To exit **Auto Transfer** menu without changing transfer status of images, press 󰍉 button.

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Marking All Images for Transfer

To mark all images for later transfer to a computer:
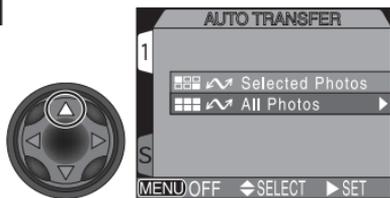
1

Highlight **All Photos**

AUTO TRANSFER

▣▣ ⤳ Selected Photos
▦▦ ⤳ All Photos ▶

MENU OFF   ◆ SELECT   ▶ SET

2

ALL PHOTOS

⤳ All images will be
transferred

No
Yes ▷

MENU OFF   ◆ SELECT   ▷ SET

A confirmation dialog will be displayed.
Press multi selector up or down to high-
light option, press to right to select:
• Select **No** to exit without changing
the transfer status of images
• Select **Yes** to select all images on the
memory card for transfer

✐ **Marking All Images for Transfer**

No more than 999 images can be transferred to a computer at one time using
the **Auto Transfer** option. If a thousand images or more are selected for trans-
fer, no images will be transferred when the camera is connected to a computer.
To transfer more than 999 images, use Nikon View 5 to select the images for
transfer.

◔ **Removing Transfer Marking from All Images**

To remove transfer marking from all images on the memory card, select **Trans-
fer** from the **Delete** menu (🔖 147).

156
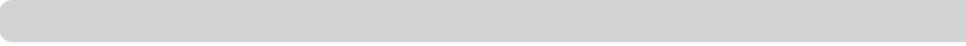
Technical Notes

Camera Care, Options, and Resources

This chapter provides tips on cleaning and storing your camera, a list of optional accessories available for the COOLPIX5700, information on where to get help online, troubleshooting advice, and camera specifications.

Optional Accessories

At the time of writing, the following optional accessories were available for the COOLPIX5700. Contact your retailer or local Nikon representative for details.

Rechargeable battery	Additional EN-EL1 Li-ion batteries are available from your retailer or local Nikon representative
AC adapter/battery charger	• EH-21 AC adapter/battery charger • EH-53 AC adapter • MH-53C battery charger (plugs into vehicle cigarette-lighter socket)
Battery pack	MB-E5700 battery pack
Carrying case	CS-CP11 soft case
CompactFlash™ memory card adapter	EC-AD1 PC-card adapter
Lens adapter ring	UR-E8 step-down ring lens adapter for WC-E80 wide-angle converter and TC-E15ED telephoto converter
Converter lenses (requires lens adapter ring)	The COOLPIX5700 can only be used with the following converter lenses: • WC-E80 wide-angle converter (0.8×) • TC-E15ED telephoto converter (1.5×)
Wired remote cable	MC-EU1 remote cord
Lens hood	HR-E5700 lens hood
Flash accessories	The following Nikon Speedlights can be attached directly to the camera accessory shoe without a sync cable: SB-80DX, SB-50DX, SB-30, SB-28DX, and SB-22s. An SC-17 sync cable can be attached to the accessory shoe for off-camera flash photography. For details on attaching an external Speedlight, see the "Using an External Speedlight" (🛇 138).

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✔ **Use Only Nikon Flash Accessories**

Use only Nikon Speedlights. Using another make of flash could damage the internal circuitry of the camera or flash. Before using a Nikon Speedlight not included in the list on the previous page, contact a Nikon-authorized service representative for more information.

🖉 **Using the UR-E8 lens adapter ring**

Remove the optional UR-E8 lens adapter ring when not in use. If the UR-E8 is used without a converter lens attached, the corners of the frame will be eclipsed in any photographs taken.

🔍 **Approved Memory Cards**

In addition to the memory card included with your camera and the Nikon EC-CF series of memory cards, the following memory cards have been tested and approved for use in the COOLPIX5700:

CompactFlash™ memory cards:

- SanDisk SDCFB series 16 MB, 32 MB, 48 MB, 64 MB, 96 MB, and 128 MB
- Lexar Media 4× USB series 8 MB, 16 MB, 32 MB, 48 MB, 64 MB, and 80 MB
- Lexar Media 8× USB series 8 MB, 16 MB, 32 MB, 48 MB, 64 MB, and 80 MB
- Lexar Media 10× USB series 128 MB and 160 MB

Microdrive® cards:

- IBM DSCM-10512 and DSCM-11000 Microdrive® cards

Operation is not guaranteed with other makes of memory card. For more details on the above cards, please contact the manufacturer.

Caring for the Camera and Battery

Keep dry
This product is not waterproof, and may malfunction if immersed in water or exposed to high levels of humidity. Rusting of the internal mechanism can cause irreparable damage.

Keep free of salt, sand, and dust
After using your camera at the beach or seaside, wipe off any sand or salt with a lightly dampened cloth and then dry your camera thoroughly.

Do not touch the lens with your fingers
The proper procedure for cleaning the lens is described in "Technical Notes: Caring for Your Camera."

Handle the lens and all moving parts with care
Do not apply force to the lens, built-in Speedlight, monitor, or to the battery, card, or connector covers. These parts are especially susceptible to damage.

Turn the product off before removing the battery or unplugging the AC adapter
Do not unplug the product or remove the battery while the product is on, or while images are being recorded or deleted. Forcibly cutting power to the product in these circumstances could result in loss of data or in damage to product memory or internal circuitry. To prevent an accidental interruption of power, avoid carrying the product from one location to another while the AC adapter is connected.

Do not drop
The product may malfunction if subjected to strong shocks or vibration.

Keep away from strong magnetic fields
Do not use or store this device in the vicinity of equipment that generates strong electromagnetic radiation or magnetic fields. Strong static charges or the magnetic fields produced by equipment such as radio transmitters could interfere with the monitor or viewfinder, damage data stored on the memory card, or affect the product's internal circuitry.

Avoid sudden changes in temperature
Sudden changes in temperature, such as occur when entering or leaving a heated building on a cold day, can cause condensation inside the device. To prevent condensation, place the device in a carrying case or a plastic bag before exposing it to sudden changes in temperature.

Notes on the monitor and viewfinder
• The monitor and viewfinder may contain a few pixels that are always lit or that do not light. This is a characteristic common to all TFT LCD monitors and does not indicate a malfunction. Images recorded with the product will not be affected.
• Images in the monitor may be difficult to see in a bright light.
• The monitor and viewfinder are lit by a fluorescent backlight. Should the monitor or viewfinder begin to dim or flicker, contact your Nikon service representative.
• Do not apply pressure to the monitor or viewfinder, as this could cause damage or malfunction. Dust or lint adhering to the monitor or viewfinder can be removed with a blower brush. Stains can be removed by rubbing the surface lightly with a soft cloth or chamois leather.

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• Should the monitor or viewfinder break, care should be taken to avoid injury due to broken glass and to prevent the liquid crystal from the monitor touching the skin or entering the eyes or mouth.

Batteries
• When you turn the device on, check the battery-level displayed in the control panel to determine whether the battery needs to be replaced. The battery needs to be replaced when the battery-level indicator is flashing.
• Ready a spare battery and keep it fully charged when taking photographs on important occasions. Depending on your location, you may find it difficult to purchase replacement batteries on short notice.
• On cold days, the capacity of batteries tends to decrease. Be sure the battery is fully charged before taking photographs outside in cold weather. Keep a spare battery in a warm place and exchange the two as necessary. Once warmed, a cold battery may recover some of its charge.
• Should the battery terminals become dirty, wipe them off with a clean, dry cloth before use.

Memory cards
• Turn the power off before inserting or removing memory cards. Inserting or removing cards with the power on could render them unusable.
• Insert memory cards in the correct orientation. Inserting cards upside down or backwards could damage the camera or the card.

Storage
• To prevent mold or mildew, store the camera in a dry, well-ventilated area. If you will not be using the product for long periods, remove the battery to prevent

leakage and store the camera in a plastic bag containing a desiccant. Do not, however, store the camera case in a plastic bag, as this may cause the material to deteriorate. Note that desiccant gradually loses its capacity to absorb moisture and should be replaced at regular intervals.
• Do not store the camera with naphtha or camphor moth balls, close to equipment that produces strong magnetic fields, or in areas subject to extremes of temperature, for example near a space heater or in a closed vehicle on a hot day.
• To prevent mold or mildew, take the camera out of storage at least once a month. Turn the camera on and release the shutter a few times before putting the camera away again.
• Store the battery in a cool, dry place.

Cleaning

Lens/ Viewfinder	A key to cleaning these glass parts is to not touch them with your fingers. Use a *blower* (typically a small device with a rubber bulb attached to one end that you pump to produce a stream of air out the other) to remove dust or lint. To remove fingerprints or other stains that can not be removed with a blower, wipe the lens or viewfinder with a soft cloth, using a spiral motion that starts in the center of the lens and works out to the edges.
Monitor	Remove dust or lint with a blower. To remove fingerprints and other stains, clean the monitor with a soft, dry cloth, being careful not to apply pressure.
Camera Body	Use a blower to remove dust and lint, then wipe gently with a soft, dry cloth. After using the camera at the beach or seaside, wipe off any sand or salt with a cloth lightly dampened with fresh water, then dry thoroughly.

Do not use alcohol, thinner, or other volatile chemicals

Storage

When the camera will not be used for an extended period, remove the battery after checking to make sure that the camera is off, the monitor closed, and the lens cap in place. Do not store your camera in locations that:

- are poorly ventilated or damp
- are next to equipment that produces strong electromagnetic fields, such as televisions or radios
- are exposed to temperatures above 50 °C (122 °F) or below –10 °C (14 °F)
- are subject to humidities of over 60%

Web Resources

At the time of writing, the following on-line resources were available for users of Nikon digital imaging equipment:

For Product Information and Tips

- For users in the USA: *http://www.nikonusa.com/*
- For users in Europe: *http://www.nikon-euro.com/*
- For users in Asia, Oceania, the Middle East, and Africa: *http://www.nikon-asia.com/*

For Contact Information

Contact information for the Nikon representative in your area may be found at: *http://www.nikon-image.com/eng/*

Troubleshooting

If your camera fails to function as expected, check the list of common problems below before consulting your retailer or Nikon representative. Refer to the page numbers listed in the rightmost column for information on solving the problems listed here.

Problem	Possible cause	👁
Control panel display is blank	• Camera is off.	22
	• Battery is not correctly inserted or battery-chamber cover is not fully closed.	14
	• Battery is exhausted.	23
	• AC adapter (available separately) is not properly connected.	15
	• Camera is in sleep mode. Press shutter-release button halfway, or press DISP button.	24
Camera turns off immediately	• Battery is low.	23
	• Battery is cold.	161
Monitor is blank	• Viewfinder is on. Press 🔲 to turn monitor on.	9
	• Lens cap is attached. Remove lens cap.	13
	• USB cable is connected.	40
	• Audio/video cable is connected.	46
	• MC-EU1 remote cable is attached and in stand-by.	—
No indicators appear in monitor or viewfinder	• Indicators are hidden. Press DISP button to display indicators.	6
	• Slide show is in progress.	149
Monitor is hard to read	• Ambient lighting is too bright: use viewfinder or move to a darker location.	9
	• Display options require adjustment.	126
	• Monitor is dirty.	162

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Problem	Possible cause	☼
No photo is taken when shutter-release button is fully pressed	• Camera is in playback mode. • Battery is exhausted. • Number of exposures remaining is zero: not enough memory remaining. • Focus indicator flashes: camera unable to focus. • Flash-ready indicator flashes: flash is charging. • Message "MEMORY CARD IS NOT FORMATTED" appears in monitor or viewfinder: memory card is not formatted for use in COOLPIX5700. • Message "NO MEMORY CARD" appears in monitor or viewfinder: no memory card in camera. • Camera is set to self-timer mode.	84 23 23 28 28 17, 135 17 58
Photos are too dark (underexposed)	• Flash is off. • Flash is blocked. • Subject is outside range of flash. • Exposure compensation is too low. • Shutter-speed indicator in monitor or viewfinder flashes: shutter speed too fast. • Aperture indicator in monitor or viewfinder flashes: f/-number too high.	62 27 171 66 73 74
Photos are too bright (overexposed)	• Exposure compensation is too high. • Shutter-speed indicator in monitor or viewfinder flashes: shutter speed too slow. • Aperture indicator in monitor or viewfinder flashes: f/-number too low.	66 73 74
Photos are out of focus	• Subject was not in focus area when shutter-release button was pressed halfway or AE/AF ⊙ button was pressed. • Focus indicator flashes: camera unable to focus. You may be using autofocus with an unsuitable subject.	56 28, 55

Problem	Possible cause	👁
Photos are blurred	Camera shook during shot: increase shutter speed. If shutter speed can not be increased without causing underexposure: –Use the flash –Raise sensitivity (ISO equivalency) –Select a larger aperture To minimize blur at low shutter speeds: –Use the Best Shot Selector (**BSS**) –Use the self-timer –Use a tripod	73 62 78 74 106 58 —
Randomly-spaced bright pixels ("noise") appear in image	• Sensitivity raised above 100. • Shutter speed too slow. If making a long time-exposure of $1/_{30}$ s or longer, turn **Noise Reduction** on. • **Clear Image Mode** is not selected: select **Clear Image Mode**.	78 73, 117 117
Built-in Speedlight does not fire	Flash is off. Note that flash turns off automatically when: –Focus is set to ▲ (infinity) –A setting other than **Single** is selected for **Continuous** (User Set 1, 2, 3) –The Best Shot Selector (**BSS**) is on (User Set 1, 2, 3) –A setting other than **Normal** is selected for **Lens** (User Set 1, 2, 3) –**AE Lock** is on (User Set 1, 2, 3) –**Clear Image Mode** is selected (User Set 1, 2, 3) –**Speedlight Cntrl** is set to **Auto** and an external Speedlight accessory attached –Battery is low	62 54 104 106 109 110 117 137 23
Colors are unnatural	• White balance does not match light source. • Saturation control is too low or too high.	101 108

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Problem	Possible cause	⚙
Image can not be played back	Image has been overwritten or renamed by a computer or other make of camera.	—
Image is inverted when played back	While shooting at a setting of **Ultra HS** or **Movie**, monitor was rotated forward.	77, 104
Television does not display image	• Video cable not correctly connected. • Television off or not tuned to video channel. • **Video Mode** setting does not match video device.	46 46 142
Image can not be zoomed in when played back	• Image is a movie. • Image was taken at a setting of **Ultra HS**.	77 104
Nikon View 5 does not start when camera connected or memory card inserted in card reader or card slot	• Camera is off. • AC adapter (available separately) is not properly connected, or battery is exhausted. • Interface cable not correctly connected, or card not properly inserted in card reader, card adapter, or card slot. See *Nikon View 5 Reference Manual* for further information on troubleshooting Nikon View 5.	22 — 41, 44 —

Error Messages

The following table lists the error messages and other warnings that appear in the monitor or viewfinder and how to deal with them.

Display	Problem	Solution	🔅
🕘 (Flashes)	Clock calendar not set.	Set clock calendar to current date and time.	20
⬜ (Flashes)	Battery exhausted.	Turn camera off and replace battery.	23
AF● (Green dot flashes)	Can not focus.	Focus on different subject at same distance and recompose shot.	28
SB● (Red dot flashes)	Built-in Speedlight recharging.	Take finger off shutter-release button, then try again.	28

A flashing ⬜ icon in the control panel indicates that the battery is exhausted. A flashing *Cārd* icon appears in the control panel when the camera can not detect a memory card, when an error occurs accessing the memory card, or when the card has not been formatted for use in the camera.

Display	Problem	Solution	🔅
🚫 NO CARD PRESENT	Camera can not detect memory card.	Turn camera off and confirm that memory card is correctly inserted.	16
⌖ THIS CARD CANNOT BE USED	Error accessing memory card.	• Use approved memory card.	159
		• Check that connectors are clean.	—
⌖ WARNING ! ! This CF card cannot be read		• Turn camera off then on again. If message reappears, card may be damaged, contact retailer or Nikon representative.	—

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Display	Problem	Solution	⏳
⌛ WARNING ! ! Please wait for camera to finish recording	Camera turned off, QUICK button pressed, or mode selector set to ▶ while pictures are being saved.	Message clears automatically when recording is complete.	—
⌷ CARD IS NOT FORMATTED FORMAT NO ▷	Memory card has not been formatted for use in COOLPIX5700.	Press multi selector up to highlight **FORMAT** and press to right to format card, or turn camera off and replace card.	135
⌷ OUT OF MEMORY	Insufficient memory to record further pictures at current settings.	• Reduce image quality or size. • Delete photographs. • Insert new card.	48 145 17
	Insufficient memory to record changes to print order or transfer marking.	Delete unwanted pictures and re-attempt changes.	33, 145, 154, 156
⌷ IMAGE CANNOT BE SAVED	• Memory card has not been formatted for use in COOLPIX5700. • Error encountered while saving photo. • Camera has run out of folder or file numbers.	• Reformat memory card. • Insert new card or re-format card and selecting **Off** or **Reset** for **Seq. Numbers**.	135 134
CARD CONTAINS NO IMAGES	• Card contains no images. • Folder selected in playback or quick review contains no images.	• Return to shooting mode and take pictures. • To play images back, select folder containing images from **Folders** menu.	28 121

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Display	Problem	Solution	👁
ALL IMAGES ARE HIDDEN	All images in current folder are hidden.	Select another folder or use **Hide Image** to change hidden status of images in current folder.	148, 152
FILE CONTAINS NO IMAGE DATA	File created by computer or different make of camera.	Delete file or reformat memory card.	124, 135
THE FOLDER CANNOT BE DELETED	Folder contains hidden or protected images, or images not created with COOLPIX5700.	• For images not created with COOLPIX5700, delete file or reformat card. • Folder can only be deleted if all images it contains are neither hidden nor protected.	135, 151, 152
LENS ERROR	Lens operation error	Turn the camera off, then on again. If error persists, contact retailer or Nikon representative.	22
SYSTEM ERROR *Err* appears in control panel	Error has occurred in camera's internal circuitry.	Turn camera off, unplug optional AC adapter (if using), remove and re-insert battery, and turn camera on. If error persists, contact retailer or Nikon representative.	14, 22
Speedlight is in the closed position	Built-in Speedlight obstructed by finger or other object.	Remove obstruction from Speedlight and press shutter-release button halfway.	27

Specifications

Type	E5700 digital camera
Effective pixels	5.0 million
CCD	$^2/_3''$ high-density CCD; total pixels: 5.24 million
Image size (pixels)	• 2560 × 1920 (Full) • 1280 × 960 (SXGA) • 2560 × 1704 (3 : 2) • 1024 × 768 (XGA) • 1600 × 1200 (UXGA) • 640 × 480 (VGA)
Lens	8× Zoom Nikkor
Focal length	F = 8.9 – 71.2 mm (35-mm [135] camera format equivalent: 35 – 280 mm)
f/-number	f/2.8 – f/4.2
Construction	Fourteen elements in ten groups
Digital zoom	4×
Autofocus (AF)	Contrast-detect through-the-lens (TTL) AF
Focus range	50 cm (1´8˝) – ∞; 3 cm (0.8˝) – ∞ in macro and manual focus modes (middle zoom position)
Focus-area selection	Five-area multi AF and spot AF available
Viewfinder	Color LCD viewfinder, 0.44˝, 180,000-dot, high temperature polysilicon TFT LCD with diopter adjustment
Magnification	0.27 – 2.1×
Frame coverage	Approximately 97% vertical and 97% horizontal
Diopter adjustment	–4 – +1 m⁻¹
Monitor	1.5˝, 110,000-dot, low temperature polysilicon TFT LCD with brightness and hue adjustment
Frame coverage	Approximately 97% vertical and 97% horizontal

Storage

Media	Type I and II CompactFlash™ (CF) and Microdrive® cards (512MB, 1GB)
File system	Compliant with Design rule for Camera File systems (DCF) Exif 2.2, and Digital Print Order Format (DPOF)
File formats	Compressed: JPEG-baseline-compliant (FINE-, NORMAL-, and BASIC-quality images) Uncompressed: NEF (RAW-quality images), and TIFF-RGB (HI-quality images) Movies: QuickTime

Exposure

Metering	Four mode through-the-lens (TTL) metering: • 256-segment matrix • Spot • Center-weighted • AF spot
Exposure control	Programmed auto with flexible program, shutter-priority auto, aperture-priority auto, manual, exposure compensation (–2.0 – +2.0 EV in steps of $^1/_3$ EV), autoexposure bracketing
Range (ISO 100 equivalent)	W : –2.0 – +18.0 EV T : –0.5 – +18.0 EV

Shutter	Mechanical and charge-coupled electronic shutter
Speed	8 sec – $^1/_{4000}$ sec, bulb (up to 5 min.) setting available
Aperture	Seven-blade iris diaphragm
Range	Ten settings in steps of $^1/_3$ EV
Sensitivity	ISO equivalent approximately 100, 200, 400, 800, or Auto
Self-timer	Three- or ten-second duration

Built-in Speedlight	Equipped with automatic pop-up
Range	W : 0.5 – 4.0 m (1'10" – 13'1")
	T : 0.5 – 2.8 m (1'10"– 9'2")
Sync method	Automatic sync control
Compatible Speedlights	Nikon SB-80DX, 50DX, 30, 28DX, 28, 26, 25, 24, 22s, and 22
Accessory shoe	Standard ISO hot-shoe contact with safety lock
Sync contact	X-contact only
Interface	USB
Video output	User can choose from NTSC and PAL
I/O terminals	• DC input
	• Audio/video (A/V) output
	• Data output (USB)
Power sources	• One rechargeable Nikon EN-EL1 lithium-ion battery (supplied) or six-volt 2CR5 (DL245) lithium battery (available separately)
	• MB-E5700 battery pack (available separately) with six LR6 (AA) alkaline, lithium, NiCad, or NiMH batteries
	• EH-21 AC adapter/battery charger (available separately)
	• EH-53 AC adapter (available separately)
Battery life (EN-EL1)	Approximately 90 minutes (as measured at room temperature [20 °C/68 °F] under standard Nikon test conditions: monitor on, zoom adjusted with each shot, flash used in approximately one third of photographs, FULL, image quality set to NORMAL
Tripod socket	$^1/_4$" (ISO 1222)
Dimensions (W × H × D)	108 × 76 × 102 mm (4.3˝ × 3.0˝ × 4.0˝)
Weight	Approximately 480g without battery and memory card
Operating Environment	
Temperature	0 – 40 °C (32 – 104 °F)
Humidity	Less than 85% (no condensation)

System requirements (Nikon View 5): Windows

OS	Pre-installed versions of Windows XP Home Edition, Windows XP Professional, Windows 2000 Professional, Windows Millennium Edition (Me), Windows 98 Second Edition (SE)
Models	Only models with built-in USB ports supported
CPU	300 MHz Pentium or better
RAM	128 MB or more recommended for working with RAW images, 64 MB or more for other images
Hard-disk	25 MB required for installation, 10 MB plus double the capacity of camera memory card available on system disk when Nikon View 5 is running.
Video resolution	800 × 600 or better with High Color (True Color recommended)
Miscellaneous	CD-ROM drive required for installation

System requirements (Nikon View 5): Macintosh

OS	Mac OS 9.0, Mac OS 9.1, Mac OS 9.2, Mac OS X (10.1.2 or later)
Models	iMac, iMac DV, Power Mac G3 (Blue & White), Power Mac G4 or later, iBook, PowerBook G3 or later; only models with built-in USB ports supported
RAM	128 MB or more recommended for working with RAW images, 64 MB or more for other images
Hard-disk	25 MB required for installation, 10 MB plus double the capacity of camera memory card available on system disk when Nikon View 5 is running.
Video resolution	800 × 600 or better with thousands of colors (millions of colors recommended)
Miscellaneous	CD-ROM drive required for installation

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