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Model: Coolpix 4600

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Nikon Coolpix 4600 digital camera. The Coolpix 4600 is a 4.0-megapixel camera featuring a 3x optical Zoom-Nikkor lens, designed for capturing high-quality digital images. Please read this manual thoroughly before using your camera and keep it in a safe place for future reference.



Figure 1: Front view of the Nikon Coolpix 4600 camera.

SETUP

1. Inserting Batteries

The Nikon Coolpix 4600 operates on AA-size batteries. Ensure you use fresh alkaline or rechargeable NiMH batteries for optimal performance.

1. Locate the battery compartment cover on the bottom of the camera.
2. Slide the battery compartment latch to open the cover.
3. Insert two AA-size batteries, paying close attention to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.

2. Inserting an SD Memory Card

The camera stores images on an SD (Secure Digital) memory card. A memory card is essential for saving your photographs.

1. Open the battery compartment cover as described above. The SD card slot is typically located next to the battery compartment.
2. Insert the SD card into the slot with the label facing the front of the camera until it clicks into place.
3. Close the battery compartment cover.



Figure 2: Battery and SD card compartment.

3. Initial Power-On and Date/Time Setting

After inserting batteries and an SD card, turn on the camera for the first time.

1. Press the **ON/OFF** button located on the top of the camera.
2. The LCD monitor will display the date and time setting screen. Use the multi-selector (directional pad) to navigate and adjust the date, time, and time zone.
3. Press the **OK** button to confirm your settings.

OPERATING THE CAMERA

1. Turning On/Off and Mode Dial

To turn the camera on or off, press the **ON/OFF** button. The mode dial on the top-right of the camera allows you to select various shooting modes.



Figure 3: Rear controls and mode dial.

- **Auto Mode (Green Camera Icon):** For simple point-and-shoot operation. The camera automatically adjusts settings.
- **Scene Mode (SCENE):** Offers pre-programmed settings for specific situations like Portrait, Landscape, Sports, Night Portrait, and the unique Underwater Scene mode. Rotate the dial to SCENE and use the **MENU** button to select a specific scene.
- **Setup Mode (SET UP):** Accesses camera settings such as date/time, language, and formatting the memory card.

2. Taking Photographs

1. Select your desired shooting mode using the mode dial.
2. Frame your shot using the 1.8-inch LCD display.
3. Use the **W** (Wide) and **T** (Telephoto) buttons to zoom in or out.
4. Press the shutter button halfway down to focus. The focus indicator will light up.
5. Press the shutter button all the way down to take the picture.

3. Flash Settings

The camera features a built-in flash. Press the flash button (lightning bolt icon) on the multi-selector to cycle through flash modes:

- **Auto Flash:** Flash fires automatically when needed.
- **Fill Flash:** Flash fires with every shot.
- **Red-Eye Reduction:** Fires a pre-flash to reduce red-eye effect.
- **Flash Off:** Flash does not fire.

4. Reviewing Photos (Playback Mode)

To view your captured images, press the playback button (blue arrow icon) located below the multi-selector. Use the left and right

arrows on the multi-selector to scroll through your photos.

5. Recording Videos

The Coolpix 4600 can record videos at 640 x 480 resolution at 30 frames per second in MP4 format. To record a video:

1. Turn the mode dial to the movie camera icon (if available, or select from Scene modes if applicable).
2. Press the shutter button to start recording.
3. Press the shutter button again to stop recording.

MAINTENANCE

1. Cleaning the Camera

- **Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Avoid touching the lens with your fingers.
- **LCD Monitor:** Gently wipe with a soft, dry cloth. Do not use abrasive cleaners.
- **Camera Body:** Wipe with a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water.

2. Battery Care

- Remove batteries when the camera will not be used for an extended period.
- Store batteries in a cool, dry place.
- Dispose of depleted batteries according to local regulations.

3. Memory Card Handling

- Always format new SD cards in the camera before first use.
- Do not remove the memory card while the camera is on or writing data.
- Store memory cards in a protective case to prevent damage.

TROUBLESHOOTING

Problem	Solution
Camera does not turn on.	Check if batteries are inserted correctly and are fully charged. Replace with new batteries if necessary. Ensure the battery compartment cover is securely closed.
Flash takes too long to recharge or fires slowly.	This is a characteristic of the camera's flash system. Ensure batteries are fresh. Avoid rapid consecutive flash shots.
Images are blurry.	Ensure the lens is clean. Hold the camera steady when shooting. Press the shutter button halfway to allow the camera to focus before fully pressing. Check if the camera is in the correct shooting mode for the lighting conditions.
"Card Error" message appears.	Reinsert the SD card. Try formatting the card (this will erase all data). If the error persists, the card may be faulty; try a different SD card.
Red-eye in photos.	Use the Red-Eye Reduction flash mode. Ensure subjects are not looking directly into the flash.

SPECIFICATIONS

- **Model Name:** Nikon Coolpix 4600
- **Effective Still Resolution:** 4.0 Megapixels

- **Optical Zoom:** 3x (Zoom-Nikkor lens, equivalent to 34-102mm in 35mm format)
- **LCD Screen Size:** 1.8 Inches
- **Power Source:** 2x AA-size batteries
- **Storage Media:** SD Memory Card
- **Minimum Shutter Speed:** 4 seconds
- **Maximum Shutter Speed:** 1/3000 Seconds
- **Special Features:** In-Camera Red-Eye Fix, Underwater Scene mode
- **Video Capture Resolution:** 640 x 480 at 30 fps (MP4 format)
- **Item Weight:** 6.4 ounces (approx. 181g)
- **Item Dimensions (L x W x H):** 3.35 x 1.38 x 2.36 inches (approx. 85 x 35 x 60 mm)

WARRANTY AND SUPPORT

This product is sold "as is." For technical support or service inquiries, please refer to the official Nikon website or contact Nikon customer service in your region. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official Nikon support page or consult your local Nikon dealer.