

Nikon L110

Nikon Coolpix L110 Digital Camera Instruction Manual

Model: L110

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Nikon Coolpix L110 digital camera. The Coolpix L110 is a 12.1-megapixel camera featuring a 15x optical Zoom-NIKKOR glass lens, a 3.0-inch high-resolution LCD, and Nikon's 5-way Vibration Reduction (VR) Image Stabilization System. It is designed to capture high-quality still images and HD (720p) video with stereo sound.

Key Features:

- 12.1 effective megapixels for detailed images.
- 15x optical Zoom-NIKKOR glass lens (28-420mm equivalent).
- 3.0-inch high-resolution (460k-dot) Clear Color Display.
- 5-way Vibration Reduction (VR) Image Stabilization System.
- HD (720p) movie recording with stereo sound and HDMI output.
- EXPEED digital imaging technology.
- Smart Portrait System for enhanced portraits.
- Sport Continuous Mode for fast action.

2. GETTING STARTED

2.1 Unpacking

Verify that all items listed in the 'What's in the Box' section are present.

2.2 Battery Installation

The Coolpix L110 uses four AA-size batteries. Open the battery compartment cover, insert the batteries according to the polarity indicators, and close the cover securely.

2.3 Memory Card Installation

The camera supports SD/SDHC memory cards. Open the memory card slot cover, insert the card with the contacts facing the correct direction until it clicks into place, and close the cover.

2.4 Powering On/Off

Press the **ON/OFF** button to turn the camera on or off. The lens will extend when powered on.

3. BASIC OPERATION



Figure 1: Front view of the Nikon Coolpix L110 Digital Camera. This image displays the camera's lens, flash, and overall body design.

3.1 Taking Photos

To take a photo, frame your subject on the LCD monitor. Press the shutter button halfway down to activate autofocus, then press it fully to capture the image.

3.2 Zoom Function

Use the zoom control lever (typically around the shutter button) to zoom in (telephoto) or zoom out (wide-angle).

3.3 Flash Operation

The built-in flash is a pop-up type. When flash is required, manually raise the flash unit. The camera will indicate when flash is recommended or necessary.

3.4 Reviewing Images

Press the **Playback** button (often indicated by a triangle icon) to view your captured photos and videos. Use the multi-selector to scroll through images. To delete an image, press the **Delete** button (trash can icon) during playback.

4. SHOOTING MODES AND FEATURES

4.1 Easy Auto Mode

In Easy Auto Mode, the camera automatically detects the scene and selects the most appropriate settings for optimal results. This includes modes like Portrait, Landscape, Night Portrait, Night Landscape, Close-up, or Backlight.

4.2 Smart Portrait System

This system enhances portrait photography with features such as:

- **Face-priority AF:** Automatically detects and focuses on up to 12 faces.
- **Smile Mode:** Automatically releases the shutter when the subject smiles.
- **Blink Warning:** Alerts you if a subject has blinked.
- **In-Camera Red-Eye Fix:** Corrects red-eye effect automatically.

4.3 Sport Continuous Mode

Capture fast-moving action with this mode, which allows shooting up to 20 consecutive pictures at approximately 11.1 frames per second.

4.4 Image Stabilization (VR)

The 5-way VR Image Stabilization System minimizes blur caused by camera shake and subject movement. It combines Image sensor shift VR, Electronic VR, Motion Detection (automatic shutter speed/ISO control), and Best Shot Selector (BSS) to ensure sharper results.

4.5 HD Movie Recording

Record high-definition (720p) videos with stereo sound. A dedicated Movie-record button simplifies operation. Videos can be played back on a TV or computer via HDMI output.

4.6 EXPEED Digital Imaging Technology

Nikon's EXPEED technology optimizes image capture and processing for high-quality results across all camera functions.

4.7 3-inch Clear Color Display

The camera features a 3-inch, 460k-dot TFT LCD with an anti-reflection coating and brightness adjustment for improved visibility, especially outdoors.

4.8 Macro Shooting

Capture close-up subjects from as near as 1 cm (0.4 inches).

4.9 Scene Modes

The camera offers 15 scene modes to optimize settings for various shooting conditions, ensuring appropriate exposure and color reproduction.

4.10 D-Lighting

This function enhances details in dark areas of images while retaining detail in bright areas, resulting in more balanced exposures.

5. MAINTENANCE AND CARE

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- Keep the camera clean by wiping it with a soft, dry cloth.
 - Avoid exposing the camera to extreme temperatures, humidity, or dust.

- Remove batteries when the camera will not be used for an extended period.
- Store the camera in a dry, well-ventilated area.

6. TROUBLESHOOTING

Common Issues:

- **Camera does not turn on:** Ensure batteries are correctly inserted and fully charged.
- **Images are blurry:** Check for sufficient lighting, enable Vibration Reduction (VR), or use a tripod.
- **Flash does not fire:** Ensure the flash unit is manually popped up and the flash mode is set appropriately.
- **"Memory contains no images" message:** This indicates the memory card is empty or not inserted. Insert a formatted memory card.

For more detailed troubleshooting, refer to the full product support documentation available from Nikon.

7. SPECIFICATIONS

Feature	Detail
Effective Still Resolution	12.1 MP
Optical Zoom	15 x
Maximum Focal Length	420 Millimeters
Minimum Focal Length	28 Millimeters
Screen Size	3 Inches
Display Resolution Maximum	460,000 dots
Image Stabilization	Sensor-shift
Video Resolution	HD 720p
Battery Type	AA
Memory Storage Capacity	43 MB (internal)
Supported File Format	RAW, JPEG
Connectivity Technology	HDMI, USB
Item Weight	0.9 Pounds

8. WHAT'S IN THE BOX

The Nikon Coolpix L110 package typically includes:

- Nikon Coolpix L110 Digital Camera
- FR6/L91 (AA-size) lithium batteries x4
- UC-E6 USB Cable
- EG-CP14 Audio Video Cable
- AN-CP21 Strap
- LC-CP20 Lens Cap

- Coolpix Software Suite CD-ROM

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official Nikon support website. Keep your proof of purchase for warranty claims.