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Sony NEX-3NL

Sony NEX-3NL Mirrorless Digital Camera Kit User Manual

Model: NEX-3NL

INTRODUCTION

The Sony NEX-3NL is a compact mirrorless digital camera designed for users seeking enhanced image quality beyond traditional point-and-shoot cameras, without the bulk of a DSLR. It features a 16.1 MP Exmor APS-C sensor and is compatible with a range of E-mount lenses.

KEY FEATURES

- 16.1 MP Exmor APS-C sensor for high-quality images.
- New SELP1650 lens with motor zoom lever and body control.
- 180° tilting LCD screen for easy self-portraits and varied shooting angles.
- Full HD movie shooting at 60i/24p.
- Built-in pop-up flash for low-light conditions.
- Compact and lightweight design with a rubberized grip for stable one-handed operation.

SETUP

1. Battery Installation

Locate the battery compartment on the bottom of the camera. Slide the battery compartment cover release to open. Insert the battery with the correct orientation, ensuring it clicks into place. Close the cover securely.

2. Attaching/Detaching the Lens

To attach the lens, align the white index mark on the lens barrel with the white index mark on the camera body. Rotate the lens clockwise until it clicks into place. To detach, press the lens release button on the camera body and rotate the lens counter-clockwise.

3. Attaching the Shoulder Strap

Thread the ends of the shoulder strap through the strap lugs on both sides of the camera. Secure the strap by passing it through the buckle as shown in the strap instructions provided with the camera.

OPERATING THE CAMERA

1. Power On/Off

To turn the camera on, slide the ON/OFF switch. To turn it off, slide the switch back to the OFF position.

2. Zoom Operation

The camera features a power zoom lever located around the shutter button. Move the lever to zoom in or out with compatible power zoom lenses, such as the included SELP1650 lens.

3. Flash Operation

To activate the built-in pop-up flash, press the flash release button. The flash will pop up. To retract the flash, gently push it back down until it locks into place.

4. LCD Screen Articulation

The 3-inch LCD screen can be tilted up to 180 degrees. This feature is particularly useful for self-portraits or shooting from high or low angles.

5. Viewing Photos and Videos

Press the playback button (often indicated by a play icon) to review your captured photos and videos on the LCD screen.

6. Shooting Modes

The camera offers various shooting modes, including Automatic, Shutter Priority, and other creative options. Refer to the on-screen menu for mode selection and detailed settings.

7. Focus Features

The NEX-3NL utilizes Contrast Detection autofocus technology with 25 autofocus points. It supports various auto-focus modes including Continuous, Live View, Multi-area, Selective single-point, and Single. Direct Manual Focus (DMF) is also available for fine-tuning focus.

PRODUCT OVERVIEW



Image: Sony NEX-3NL Mirrorless Digital Camera Kit with attached 16-50mm lens. The camera is black with a textured grip on the right side.

OFFICIAL PRODUCT VIDEOS

Video: Sony NEX-3NL/B Compact Interchangeable Lens Digital Camera. This video provides an overview of the camera's design and key features.

Video: Sony NEX-3N Compact Interchangeable Lens Digital Camera Kit Product Tour. A detailed tour highlighting the camera's functionalities and design.

Video: The best features about this camera. This video showcases various features and benefits of the camera from a user's perspective.

Video: Awesome Camera With Amazing Quality! This video highlights the camera's quality and performance.

MAINTENANCE

To ensure the longevity and optimal performance of your Sony NEX-3NL camera, regular maintenance is recommended:

- **Lens Care:** Keep the lens clean using a soft, lint-free cloth. Avoid touching the lens surface directly. Use a lens cap when not in use to protect against dust and scratches.
- **Body Cleaning:** Wipe the camera body with a dry, soft cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- **Sensor Cleaning:** If dust spots appear on your images, the sensor may need cleaning. This is a delicate procedure; it is recommended to have it performed by a qualified service technician.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if the camera will not be used for an extended period.

TROUBLESHOOTING

If you encounter issues with your camera, consider the following general troubleshooting steps:

- **Camera Not Turning On:** Ensure the battery is fully charged and correctly inserted. Check if the battery compartment cover is securely closed.
- **Images Are Blurry:** Verify that the lens is clean and properly attached. Check your focus settings and ensure sufficient lighting for your shot.
- **Flash Not Firing:** Confirm the flash is popped up and not obstructed. Check the flash mode settings to ensure it's enabled.
- **Memory Card Error:** Ensure the memory card is inserted correctly and is not damaged. Try formatting the card (this will erase all data, so back up first).
- **Unexpected Behavior:** Try turning the camera off and removing the battery for a few minutes, then reinsert and restart.

For persistent issues, consult the full product manual or contact Sony customer support.

SPECIFICATIONS

Feature	Detail
Brand	Sony
Model Name	Sony NEX3NL/B
Photo Sensor Resolution	16.1 MP
Photo Sensor Size	APS-C (23.5 x 15.6 mm)
Sensor Type	CMOS
Image Stabilization	Digital
Lens Type	Zoom (16-50mm kit lens)
Optical Zoom	3x
Maximum Aperture	3.5 Millimeters
Screen Size	3 Inches
Display Type	LCD, Tilting
Video Resolution	FHD 1080i
Supported File Format	JPEG, RAW (ARW 2.2 Format), RAW+JPEG
Connectivity Technology	HDMI, USB
Wireless Technology	Wi-Fi
Item Weight	0.59 Pounds
Flash Memory Type	SD/ SDHC/SDXC, Memory Stick Pro Duo/ Pro-HG Duo

WHAT'S IN THE BOX

The Sony NEX-3NL/B Mirrorless Digital Camera Kit typically includes the following items:

- Sony NEX-3NL Camera Body
- 16-50mm Lens
- Battery
- Battery Charger
- Body Cap
- Lens Cap
- Shoulder Strap
- USB Cable

WARRANTY AND SUPPORT

This product comes with a 90-day parts and labor warranty. For technical support, service, or warranty claims, please refer to the official Sony support channels or visit the Sony website.