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Samsung NX10

Samsung NX10 Digital Camera User Manual

Model: NX10

Brand: Samsung

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Introduction

Welcome to the user manual for your Samsung NX10 Digital Camera. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your camera.

The Samsung NX10 is a 14.6-megapixel mirrorless camera designed for high-quality photography with a compact form factor. It features an APS-C size CMOS sensor for rich color and clear images, and a 3.0" AMOLED display for clear viewing even in bright sunlight.

Key Features

- 14.6 Megapixel APS-C CMOS Sensor
- Compact and lightweight mirrorless design
- 3.0" AMOLED Display
- HD Quality Video Recording
- Fast and accurate AF function
- Compatible with Samsung NX mount lenses

Setup

Unpacking

Carefully unpack all components. Ensure the following items are present:

- Samsung NX10 Camera Body
- 18-55mm Samsung Lens (if included in kit)
- Rechargeable Battery
- Battery Charger
- USB Cable
- Neck Strap
- User Manual (this document)

Attaching the Lens

To attach the lens:

1. Remove the body cap from the camera and the rear lens cap from the lens.
2. Align the white index mark on the lens barrel with the white index mark on the camera body.
3. Insert the lens into the camera body and rotate it clockwise until it clicks into place.



Image: The Samsung NX10 camera body with the 18-55mm kit lens attached. This illustrates the camera's compact mirrorless design.

Inserting the Battery

Insert the rechargeable battery into the battery compartment located at the bottom of the camera. Ensure the battery is oriented correctly according to the diagram inside the compartment.

Charging the Battery

Connect the battery charger to a power outlet and insert the battery. The charging indicator will show the charging status. Charge the battery fully before first use.

Inserting a Memory Card

The Samsung NX10 supports SD and SDHC memory cards. Open the memory card slot cover and insert the card with the label facing the correct direction until it clicks.

Operating Instructions

Powering On/Off

To power on the camera, slide the power switch. To power off, slide it again.

Basic Shooting Modes

The mode dial allows you to select various shooting modes, including:

- **Smart Auto:** The camera automatically analyzes the scene and selects the optimal settings.
- **Program (P):** The camera sets the aperture and shutter speed, while you control other settings.
- **Aperture Priority (A):** You set the aperture, and the camera sets the shutter speed.
- **Shutter Priority (S):** You set the shutter speed, and the camera sets the aperture.
- **Manual (M):** You control both aperture and shutter speed.
- **Scene Modes:** Pre-set modes for specific situations (e.g., Portrait, Landscape, Night).

Focusing

The NX10 uses Contrast Detection Auto Focus. Press the shutter button halfway down to focus. The camera will confirm focus with a beep and an indicator in the viewfinder/display.

Taking a Photo

Frame your shot using the 3.0" AMOLED display or the electronic viewfinder. Press the shutter button fully to capture the image.

Recording Video

To record video, switch the mode dial to video mode or press the dedicated video recording button (if available). The NX10 supports HD quality video.

Note:

Video recording length may be limited to approximately 25 minutes per clip due to processor heat management.

Reviewing Images and Videos

Press the Playback button to view your captured photos and videos. Use the directional pad to navigate through your media.

Maintenance

Cleaning the Camera Body

Use a soft, dry cloth to clean the camera body. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals.

Cleaning the Lens

Use a lens brush or a blower to remove dust from the lens surface. For smudges, use a specialized lens cleaning solution and a microfiber cloth. Do not touch the lens surface with your fingers.

Sensor Cleaning

The camera's APS-C CMOS sensor is a delicate component. If dust appears on your images, it is recommended to have the sensor professionally cleaned by a Samsung service center.

Battery Care

- Store batteries in a cool, dry place when not in use.
- Do not expose batteries to extreme temperatures.
- Use only genuine Samsung batteries and chargers.

Troubleshooting

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or incorrectly inserted.	Charge the battery fully. Ensure the battery is inserted correctly.
Images are blurry.	Incorrect focus, camera shake, or dirty lens.	Ensure the camera is properly focused. Use a faster shutter speed or image stabilization. Clean the lens.
Memory card error.	Memory card is full, corrupted, or incompatible.	Delete unnecessary files or use a new card. Format the card (this will erase all data). Ensure the card is SD/SDHC compatible.
Video recording stops unexpectedly.	Maximum recording time reached (approx. 25 minutes) or memory card speed is too slow.	This is a normal operational limit. Use a high-speed memory card for video recording.
Cannot transfer files to Mac.	Compatibility issues with specific Mac OS versions or software.	Ensure your Mac OS and software (e.g., Quicktime, iMovie) are updated. Consider using a card reader for direct file transfer if USB connection is problematic.

Specifications

Brand: Samsung

Model Name: NX10

Photo Sensor Resolution: 14.6 MP

Photo Sensor Size: APS-C

Sensor Type: CMOS

Form Factor: Mirrorless

Lens Mount: Samsung NX

Compatible Mountings: Samsung NX

Optical Zoom: 3x (with 18-55mm lens)

Maximum Focal Length: 55 Millimeters

Minimum Focal Length: 18.33 Millimeters

Maximum Aperture: 3.5 f

Minimum Aperture: 5.6

Image Stabilization: Digital

Supported File Format: JPEG, RAW

Video Resolution: 1080p

Screen Size: 3 Inches

Display Type: AMOLED

Flash Memory Type: SD, SDHC

Auto Focus Technology: Contrast Detection

Item Weight: 2.8 Pounds

Color: Black

Power Source: 1 Lithium Ion battery (included)

UPC: 044701013655

Manufacturer Part Number: EV-NX10ZZBABUS

Warranty and Support

For warranty information and technical support, please refer to the official Samsung website or contact Samsung customer service. Keep your proof of purchase for warranty claims.

Online resources and support contact details can typically be found atwww.samsung.com/us/support/.

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