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Samsung S630

Samsung Digimax S630 Digital Camera User Manual

Model: S630

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Samsung Digimax S630 Digital Camera. Please read this manual thoroughly before operating the camera and keep it for future reference.

PRODUCT OVERVIEW

The Samsung Digimax S630 is a 6-megapixel digital camera designed for ease of use, featuring a 3x optical zoom and a 2.5-inch LCD display. It incorporates Samsung's Advanced Shake Reduction (ASR) system to minimize blur.



Figure 1: Front view of the Samsung Digimax S630 digital camera, showing the lens, flash, and brand logo.

Key Features:

- 6-megapixel CCD sensor for detailed images.
- 3x optical zoom lens with Advanced Shake Reduction (ASR).
- 2.5-inch TFT LCD display for clear viewing.
- Built-in microphone for 10-second voice memos.
- Video recording capabilities (640x480 at 15fps).
- Compatibility with SD memory cards and 20MB internal memory.
- Powered by AA-size batteries.

SETUP

1. Battery Installation

The Samsung Digimax S630 operates on two AA-size batteries. For optimal performance and extended usage, it is highly recommended to use rechargeable Ni-MH (Nickel-Metal Hydride) batteries. Alkaline batteries will have a significantly shorter lifespan.

1. Open the battery compartment cover, typically located on the bottom or side of the camera.
2. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.

Important: If using Ni-MH batteries, ensure the camera's battery type setting is configured for Ni-MH to optimize power management. Refer to the "Settings Menu" section for details on adjusting this setting.

2. Memory Card Installation

The camera supports Secure Digital (SD) flash memory cards up to 4GB. It also has 20MB of internal memory.

1. Locate the memory card slot, usually next to the battery compartment.
2. Insert the SD card with the metal contacts facing the correct direction, as shown by the diagram near the slot.
3. Push the card gently until it clicks into place. To remove, push the card in again until it springs out.



Figure 2: Rear view of the camera, illustrating the LCD and controls, with the side compartment for battery and memory card access.

3. Initial Power On

Press the Power button to turn on the camera. The LCD screen will display the startup sequence.

OPERATING THE CAMERA

1. Mode Dial Functions

The mode dial provides quick access to various shooting modes:

- **Auto:** Camera automatically adjusts settings for general photography.
- **Program (P):** Allows some manual control over settings while the camera handles exposure.
- **Manual (M):** Full control over aperture and shutter speed.
- **Movie:** Records video clips.
- **Scene (SCN):** Access to specific scene modes like Close-Up, Sunset, Backlight, etc.
- **ASR (Advanced Shake Reduction):** Activates image stabilization to reduce blur.
- **Night Scene:** Optimized for low-light conditions.
- **Portrait:** Ideal for capturing portraits with soft backgrounds.



Figure 3: Rear panel of the camera, illustrating the LCD screen and the arrangement of control buttons and the mode dial.

2. Taking Photos

1. Select your desired shooting mode using the mode dial.
2. Frame your shot using the 2.5-inch LCD display.
3. Press the shutter button halfway to focus. The camera will beep when focus is achieved.
4. Press the shutter button fully to capture the image.

Red-eye Reduction: This feature can be enabled in the menu to minimize red-eye effect in flash photography.

3. Recording Videos

To record video, turn the mode dial to the "Movie" setting.

- The camera supports resolutions of 320 x 240 and 640 x 480 at 15 frames per second (AVI MJPEG format).
- The ASR image stabilization system can also be engaged during video recording to reduce camera shake.
- Note that zooming during video recording may temporarily cut off audio.

4. Voice Memos and Slide Show

- **Voice Memo:** A 10-second voice memo can be attached to any still image. Refer to the camera's menu for activation.
- **Slide Show:** The camera can automatically scroll through and display photos on the LCD screen.

MAINTENANCE

1. Cleaning the Camera

- Use a soft, lint-free cloth to clean the camera body.
- For the lens and LCD screen, use a specialized lens cleaning cloth and solution. Avoid harsh chemicals.

- Ensure the camera is powered off before cleaning.

2. Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if the camera will not be used for an extended period.

TROUBLESHOOTING

1. Short Battery Life

If you experience unusually short battery life:

- **Use Ni-MH Rechargeable Batteries:** Alkaline batteries are not suitable for digital cameras due to their rapid discharge rate under high power demand. Invest in high-capacity (e.g., 2500mAh or higher) Ni-MH rechargeable batteries.
- **Check Battery Type Setting:** Ensure the camera's internal setting for battery type is set to "Ni-MH" if you are using rechargeable batteries. This optimizes power consumption.
- **Power Saving Settings:** Adjust settings such as LCD brightness, LCD save mode, and auto-power off duration (e.g., 3 minutes instead of 10 minutes) to conserve power.
- **Avoid Excessive LCD Use:** The LCD consumes significant power. While the S630 lacks an optical viewfinder, minimizing continuous LCD use can help.

2. Slow Recording/Processing Time

If the camera takes a long time to process and save images, especially at higher resolutions:

- **Reduce Image Resolution:** Lowering the image resolution (e.g., from 6MP to 3MP) can significantly decrease processing time.
- **Use Faster Memory Cards:** While the camera supports SD cards, using a faster class SD card (if compatible) might improve write speeds.

3. Image Quality Issues (Grainy, Blurry, Color Tint)

If images appear grainy, blurry, or have incorrect color balance:

- **Check Focus:** Ensure the camera is properly focused before taking the shot. Half-press the shutter button to allow autofocus to engage.
- **Use ASR:** Activate Advanced Shake Reduction (ASR) in low light or when hand-holding the camera to reduce blur.
- **Adjust ISO:** High ISO settings can introduce grain (noise). Use the lowest possible ISO for the lighting conditions.
- **White Balance:** Ensure the white balance setting matches the lighting conditions (e.g., Daylight, Cloudy, Fluorescent, Incandescent, Auto).
- **Clean Lens:** A dirty lens can cause blurry or hazy images. Clean it carefully with a lens cloth.

SPECIFICATIONS

Feature	Detail
Model Name	S630
Photo Sensor Resolution	6 MP
Optical Zoom	3x
Digital Zoom	5x
Image Stabilization	Optical (ASR)
Screen Size	2.5 Inches
Supported File Format	JPEG (Stills), AVI (Video)
Video Resolution	640x480, 320x240 at 15 fps
Internal Memory	20 MB
Flash Memory Type	SD/MMC/SDHC card
Power Source	2x AA-size batteries
Connectivity Technology	USB 2.0
Minimum Shutter Speed	15 seconds
Maximum Shutter Speed	1/1500 Seconds
ISO Range	Auto, 80, 100, 200, 400
Item Weight	6.56 ounces

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Samsung support website. Keep your purchase receipt as proof of purchase.

Online Support: www.samsung.com/us/support/

