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Canon SD630

Canon PowerShot SD630 6MP Digital Elph Camera User Manual

Comprehensive instructions for operating and maintaining your camera.

INTRODUCTION

This user manual provides essential information for the safe and effective operation of your Canon PowerShot SD630 Digital Elph Camera. Please read this manual thoroughly before using your camera and retain it for future reference. The PowerShot SD630 is a compact digital camera featuring a 6.0-megapixel CCD sensor, 3x optical zoom, and a large 3.0-inch LCD screen, designed for capturing high-quality photos and videos.

WHAT'S INCLUDED

The following items are typically included with your Canon PowerShot SD630 Digital Elph Camera:

- Canon PowerShot SD630 Camera Body
- Lithium-ion Battery Pack NB-4L
- Battery Charger CB-2LV
- SD Memory Card SDC-16M (16 MB)
- Wrist Strap WS-600
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU
- AV Cable AVC-DC300

CAMERA OVERVIEW

Familiarize yourself with the physical components of your camera.

Front View



This image displays the front of the Canon PowerShot SD630 camera, highlighting the lens, flash, and the Canon branding. The lens is centrally located, surrounded by a textured ring, and the flash is positioned above and to the right of the lens.

Top View



The top view of the camera shows the power button, shutter button, and zoom lever. The design is sleek with a metallic

finish around the controls.

Rear View (LCD Screen)



This image shows the back of the camera, dominated by the 3.0-inch LCD screen. Control buttons, including the directional pad, FUNC/SET, MENU, and DISP buttons, are visible to the right of the screen. The screen displays camera settings and a live view.

Bottom View (Battery/Card Slot)



The bottom of the camera features the battery and SD card compartment, secured by a sliding latch. A tripod mount is also visible.

SETUP

1. Charging the Battery

1. Insert the Lithium-ion Battery Pack NB-4L into the Battery Charger CB-2LV.
2. Plug the charger into a power outlet. The charging indicator light will illuminate.
3. Once charging is complete, the indicator light will change or turn off (refer to charger instructions for specific behavior).
4. Remove the fully charged battery from the charger.

2. Inserting the Battery and Memory Card

1. Open the battery/card compartment cover on the bottom of the camera.
2. Insert the charged battery pack into the compartment, ensuring correct orientation as indicated inside the compartment.
3. Insert the SD memory card (SDC-16M or other compatible SD card) into the card slot until it clicks into place.
4. Close the compartment cover securely.

3. Initial Power On

1. Press the **ON/OFF** button located on the top of the camera.
2. The lens will extend, and the LCD screen will turn on.
3. Follow any on-screen prompts to set the date, time, and language if this is your first use.

BASIC OPERATION

Taking Photos

1. Turn on the camera by pressing the **ON/OFF** button.
2. Point the camera at your subject.
3. Press the shutter button halfway down to focus. The focus frame will appear on the LCD.
4. Press the shutter button fully down to take the picture.

Recording Videos

1. Slide the mode switch (usually on the top or back) to the movie camera icon.
2. Press the shutter button to start recording. A red recording indicator will appear on the screen.
3. Press the shutter button again to stop recording.

Zoom Function

Use the zoom lever (often integrated with the shutter button or a separate rocker) to adjust the optical zoom. Push the lever towards 'T' for telephoto (zoom in) and 'W' for wide-angle (zoom out).

Flash Settings

Press the **FUNC/SET** button, then navigate to the flash icon using the directional pad. Select from options like Auto Flash, Flash On, Flash Off, Red-Eye Reduction, and Slow Sync.

Reviewing Images and Videos

Slide the mode switch to the playback icon (often a triangle). Use the directional pad to scroll through your captured photos and videos. Press the **DISP** button to change the information displayed on the screen.

ADVANCED SHOOTING MODES

The PowerShot SD630 offers a variety of shooting modes to optimize your photos for different scenarios. Access these modes via the **MODE** button or a dedicated mode dial, then use the directional pad to select.

- **Auto:** Camera automatically selects optimal settings.
- **Manual:** Allows control over ISO speed, exposure compensation, and white balance.
- **Portrait:** Blurs the background to emphasize the subject.
- **Foliage:** Enhances greens and other natural colors.
- **Snow:** Prevents underexposure and bluish tints in snow scenes.
- **Beach:** Optimizes exposure for bright, sunny beach environments.
- **Fireworks:** Captures vibrant fireworks displays.
- **Underwater:** Adjusts for underwater color and clarity (requires optional Waterproof Case WP-DC4).
- **Indoor:** Reduces blur and improves color accuracy in indoor lighting.
- **Kids and Pets:** Faster focusing to capture moving subjects.
- **Night Snapshot:** Balances flash with ambient light for natural night photos.
- **Color Accent:** Retains one color while converting others to monochrome.
- **Color Swap:** Replaces a selected color with another specified color.
- **Digital Macro:** For extreme close-up photography.
- **Stitch Assist:** Aids in aligning multiple photos for panoramic images.
- **My Colors:** Offers various color effects like Vivid, Neutral, Sepia, Black and White, and custom adjustments.

PRINTING AND CONNECTIVITY

The PowerShot SD630 simplifies printing and data transfer.

- **Direct Printing:** Connect the camera to a PictBridge-compatible printer (e.g., Canon CP, SELPHY, PIXMA Photo Printers) using the USB cable. Press the illuminated **Print/Share** button to print directly.
- **Image Transfer:** Use the **Print/Share** button to easily transfer images to a Windows or Macintosh computer via the USB interface cable.
- **Special Print Functions:** With compatible Canon SELPHY Compact Photo Printers, you can print ID photos in 28 different sizes or use the Movie Print function to output multiple stills from a recorded movie onto a single sheet.

MAINTENANCE

Proper care ensures the longevity and performance of your camera.

- **Cleaning:** 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.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. Charge batteries fully before extended storage and periodically recharge them if not used for a long time.
- **Storage:** When not in use, store the camera in a dry, dust-free environment, preferably in a camera bag. Remove the battery if storing for prolonged periods.

TROUBLESHOOTING

Common issues and their solutions.

- **Camera does not turn on:** Ensure the battery is charged and correctly inserted.
- **Cannot take pictures:** Check if the memory card is inserted correctly and has sufficient free space. Ensure the lens cap (if applicable) is removed.
- **Images are blurry:** Ensure the lens is clean. Check focus settings and lighting conditions. Use image stabilization if available.
- **Flash does not fire:** Check flash settings to ensure it's not set to 'Flash Off'. Ensure the flash is not obstructed.
- **Battery drains quickly:** Reduce LCD brightness, limit flash use, and turn off the camera when not in use. Ensure the battery is not old or damaged.

SPECIFICATIONS

Model Name:	Canon PowerShot SD630
Photo Sensor Resolution:	6.0 Megapixels
Optical Zoom:	3x
Digital Zoom:	4x
Screen Size:	3.0 Inches
Photo Sensor Technology:	CCD
Image Stabilization:	Digital, Optical
Supported File Format:	JPEG, RAW
Flash Memory Type:	SD/MMC card
Battery Type:	Lithium Ion (NB-4L)
Connectivity Technology:	USB
Video Resolution:	480p (QVGA 60fps)
Item Weight:	6.24 ounces

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the Digital Camera Solution CD-ROM included with your product or visit the official Canon support website. Keep your purchase receipt as proof of purchase for warranty claims.

Legal Disclaimer: Item is sold as is. Condition of product described as fair and well worn.