

Canon S45

Canon PowerShot S45 Digital Camera Instruction Manual

Model: S45 (Model Number: 8117A001)

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Canon PowerShot S45 Digital Camera. Please read this manual thoroughly before using the camera and keep it in a safe place for future reference. The Canon PowerShot S45 features a 4-megapixel CCD sensor and a 3x optical zoom lens, designed for capturing high-quality digital images.

SETUP

1. Unboxing and Initial Inspection

Upon opening the package, ensure all components are present. The standard package includes the PowerShot S45 digital camera, battery (NB-2L), battery charger, USB cable, AV cable, wrist strap, and ArcSoft Camera Suite CD-ROM with USB drivers for Windows and Mac.

2. Battery Installation and Charging

The camera is powered by a proprietary rechargeable lithium battery pack (NB-2L). Insert the battery into the battery compartment located on the bottom of the camera. Ensure it clicks into place. Before first use, fully charge the battery using the provided charger. Connect the charger to a power outlet and insert the battery. The charging indicator will show the charging status.

3. Memory Card Installation

The PowerShot S45 uses CompactFlash memory cards. The included 32 MB card holds approximately 27 images at default settings. The memory slot is compatible with CompactFlash Type II cards and Microdrives. Open the memory card slot cover, insert the CompactFlash card with the correct orientation until it clicks, and then close the cover securely.



Figure 1: Front view of the Canon PowerShot S45 Digital Camera. This image displays the camera's lens, flash, and overall

OPERATING THE CAMERA

1. Powering On/Off

To power on the camera, slide the lens cover open. The lens will extend, and the LCD screen will activate. To power off, slide the lens cover closed. The lens will retract.

2. Basic Shooting Modes

For beginners, the camera offers a simple point-and-shoot experience. Twist the mode dial to 'Auto' and begin capturing pictures. The camera's DIGIC image processor and iSAPS technology optimize settings for various scenes.

3. Advanced Shooting Options

The PowerShot S45 provides a range of advanced settings for experienced users:

- **Metering Modes:** Select from three light-metering modes for precise exposure control.
- **White Balance:** Utilize presets or two custom settings for accurate color reproduction.
- **Exposure and Focus Bracketing:** Capture multiple shots at different exposure or focus levels.
- **Manual Focus and Autofocus Lock:** Gain precise control over focus.
- **Aperture and Shutter-Speed Priority:** Adjust aperture or shutter speed for creative control.
- **Adjustable ISO-Equivalent Sensitivity:** Set ISO from 50 to 400 for varying light conditions.
- **Shot Presets:** Includes portrait, landscape, night scene, and stitch assist. Custom settings can also be saved.

4. Zoom Functionality

The camera features a 3x optical zoom and 3.6x digital zoom, providing a total 11x zoom capability. Use the zoom lever to adjust the focal length for wide scenes or close-up details.

5. Movie Mode

Record MPEG video with sound for up to three minutes. The movie mode includes editing controls and VCR-like playback. You can operate in automatic mode or utilize manual settings for creative video capture.

6. Flash Modes

The built-in flash offers five modes, allowing you to turn the flash and auto red-eye reduction on or off in various combinations.

7. Intelligent Orientation Sensor

The intelligent-orientation sensor automatically displays your images in proper rotations during playback on the LCD screen and your computer.

8. Direct Printing

For printing photos at home, the PowerShot S45 connects directly to compatible Canon Bubble Jet direct printers (S830D and S530D) and the card-photo printer CP-100.



Figure 2: Angled view of the Canon PowerShot S45 Digital Camera, showcasing its side profile and ports.

MAINTENANCE

1. Lens Care

Handle the lens cover with care. While designed to be sturdy, ensuring it closes firmly helps protect the lens from dust and damage. Avoid touching the lens surface directly.

2. Battery Care

To prolong battery life, avoid exposing the battery to extreme temperatures. Store the battery in a cool, dry place when not in use. Fully charge the battery before extended periods of non-use and periodically recharge it to maintain its capacity.

3. Storage

When not in use, store the camera in a protective case to prevent scratches and impacts. Keep the camera away from moisture, dust, and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your Canon PowerShot S45, consider the following general troubleshooting steps:

- **Camera Not Powering On:** Ensure the battery is correctly inserted and fully charged. Check for any debris in the battery compartment.
- **Memory Card Errors:** Verify the CompactFlash card is inserted correctly and not locked. Try formatting the card (this will erase all data, so back up important files first).
- **Image Quality Issues:** Check shooting mode settings (e.g., ISO, white balance, exposure). Ensure the lens is clean and free from smudges.
- **Connectivity Problems:** Ensure USB cables are securely connected to both the camera and the computer. Verify that the correct drivers are installed on your computer.

For more specific issues, refer to the comprehensive troubleshooting guide available on the Canon support website or contact Canon customer service.

SPECIFICATIONS

Feature	Specification
Brand	Canon
Model Name	S45
Model Number	8117A001
Photo Sensor Resolution	4 MP
Photo Sensor Size	1/1.8-inch
Optical Zoom	3x
Digital Zoom	3.6x
Maximum Focal Length	105 Millimeters

Feature	Specification
Minimum Focal Length	35 Millimeters
Maximum Aperture	2.8 f
Image Stabilization	Digital, Optical
Supported File Format	RAW
Flash Memory Type	Compact Flash
Flash Memory Installed Size	32 MB (included)
Screen Size	1.8 Inches
Display Type	LCD
Video Capture Format	MPEG-4
Recording Capacity	3 Minutes (video)
Battery Type	Canon Lithium-Ion (NB-2L)
Connectivity Technology	USB
Item Weight	0.71 Pounds
Item Height	2.28 inches

WARRANTY AND SUPPORT

Warranty Information

The Canon PowerShot S45 comes with a **1 Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For full details regarding warranty coverage, terms, and conditions, refer to the warranty card included with your product or visit the official Canon website.

Customer Support

For technical assistance, product inquiries, or service requests, please visit the [Canon Store on Amazon](#) or the official Canon support website. You can also find FAQs, driver downloads, and additional resources online.

Related Documents - S45

Preview	Canon PowerShot G2: High-Resolution Digital Camera Overview Explore the features and specifications of the Canon PowerShot G2, a 4-megapixel digital camera offering advanced capabilities for professional and amateur photographers, including detailed information on its lens, shooting modes, and system accessories.
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Preview	Canon PowerShot ELPH 360 HS A Digital Camera Specifications Detailed specifications for the Canon PowerShot ELPH 360 HS A digital camera, covering image capture, lens, display, exposure control, shooting modes, storage, playback, interfaces, power, and physical characteristics.
Preview	Canon PowerShot Digital Camera Quick Start Guide This guide provides initial setup and basic operation instructions for Canon PowerShot A4000 IS, A2400 IS, A3400 IS, and A2300 digital cameras. It covers unboxing, battery charging, memory card insertion, date/time setting, basic shooting, video recording, image viewing, and touch screen usage.
Preview	Canon PowerShot G11 Canon PowerShot G11
Preview	Canon PowerShot G15 Camera User Guide: Master Your Photography Discover the Canon PowerShot G15 Camera User Guide. This manual provides comprehensive instructions on setup, shooting modes, image editing, and camera settings to help users capture stunning photos and videos.
Preview	Руководство пользователя Canon PowerShot A540 / A530 Подробное руководство пользователя для цифровых камер Canon PowerShot A540 и PowerShot A530, охватывающее основные функции, съемку, воспроизведение, устранение неполадок и технические характеристики.