

Kodak CX7430

Kodak EasyShare CX7430 Digital Camera User Manual

Model: CX7430

1. INTRODUCTION

This manual provides instructions for the proper use and care of your Kodak EasyShare CX7430 Digital Camera. Please read this manual thoroughly before operating your camera to ensure optimal performance and longevity.

2. WHAT'S IN THE BOX

Verify that all items are present in your package:

- Kodak EasyShare CX7430 Digital Camera
- 2 AA Batteries (Alkaline)
- USB Cable
- A/V Cable
- Wrist Strap
- Custom camera insert for optional Kodak EasyShare 6000 series camera and printer docks
- Getting Started Kit
- Kodak EasyShare Software

3. CAMERA OVERVIEW



Front view of the Kodak EasyShare CX7430 Digital Camera, showing the lens, flash, and

branding.



Front view of the camera with the lens retracted, highlighting its compact design.



Front view of the camera with the 3x optical zoom lens extended.



Top view of the camera, showing the mode dial and shutter button.



Bottom view of the camera, displaying the battery/memory card compartment and USB port.



Back view of the camera, showing the 1.6-inch LCD screen and control buttons.



Back view of the camera, with the LCD screen displaying the camera's menu interface.

4. SETUP

4.1. Installing Batteries

The Kodak EasyShare CX7430 requires 4 AA batteries for operation. Alkaline batteries are included, but NiMH rechargeable batteries are recommended for longer use and environmental benefits.

1. Open the battery compartment cover located on the bottom of the camera.
2. Insert 4 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.

4.2. Inserting a Memory Card

The camera has 16 MB of internal memory. For additional storage, you can use optional Secure Digital (SD) or MultiMedia (MMC) memory cards.

1. Locate the memory card slot, typically adjacent to the battery compartment.
2. Insert the SD or MMC card with the label facing the correct direction until it clicks into place.
3. To remove, press the card gently inward until it springs out.

Note: Some high-capacity memory cards may not be compatible. If you experience issues, try a lower capacity card (e.g., 2GB or less).

5. OPERATING THE CAMERA

5.1. Powering On/Off

Turn the mode dial to any setting other than 'OFF' to power on the camera. Turn the dial to 'OFF' to power off.

5.2. Taking Pictures

The CX7430 offers high-resolution image capture with automatic point-and-shoot simplicity.

1. Turn the mode dial to the desired scene mode (e.g., Auto, Portrait, Landscape).
2. Frame your shot using the 1.6-inch indoor/outdoor LCD or the optical viewfinder.
3. Press the shutter button halfway down to focus. The camera uses through-the-lens (TTL) autofocus with multi-zone and center-spot selectable modes.
4. Press the shutter button fully to capture the image. The click-to-capture time is approximately 0.6 seconds.

5.3. Zoom Function

The camera features a Kodak Retinar aspheric all-glass lens with a 3x optical zoom (34-102mm, 35mm equivalent) and a 4x digital zoom.

- Use the zoom lever (W/T) to adjust the focal length. 'W' zooms out (wide-angle), and 'T' zooms in (telephoto).

5.4. Scene Modes

Select a scene mode from the dial or menu to optimize camera settings for specific shooting conditions:

- **Auto:** General purpose shooting.
- **Portrait:** For capturing people with soft backgrounds.
- **Landscape:** For wide outdoor scenes.
- **Night:** For low-light conditions.
- **Close-up:** For macro photography.
- **Sport:** For fast-moving subjects.
- **Movie:** For recording video.

5.5. Flash Modes

The built-in flash offers several modes:

- **Auto:** Flash fires automatically when needed.
- **Red-eye:** Reduces red-eye effect.
- **Fill:** Forces flash to fire for fill-in light.
- **Off:** Flash is disabled.

5.6. White Balance

Adjust white balance for accurate color reproduction under different lighting:

- **Auto:** Camera automatically adjusts.
- **Daylight:** For outdoor shooting in natural light.
- **Tungsten:** For incandescent lighting.
- **Fluorescent:** For fluorescent lighting.

5.7. Color Modes

Choose from various color effects:

- **Color:** Standard full-color images.
- **Black and White:** Monochrome images.

- **Sepia:** Old-fashioned brown-toned images.

5.8. Movie Mode

Record video clips with audio.

- The CX7430 can capture full-motion video with audio (20 frames per second at 320 x 240 pixels) and TV-resolution video (VGA; 640 x 480 pixels at 13 fps).
- Video capacity depends on available memory.
- Use the included A/V cable to connect the camera to a television for playback.

5.9. Share Button

The red 'Share' button simplifies sharing and printing:

- Store up to 100 pictures in an on-camera digital album for easy viewing.
- Select photos for printing or emailing directly from the camera (up to 32 email addresses can be stored).

5.10. Kodak Color Science Image Processing Chip

The camera incorporates Kodak's Color Science Image Processing Chip, which features a high-speed digital image processor, advanced algorithms, and hardware acceleration. This technology performs instantaneous analysis of scene data to identify and correct factors influencing picture quality, ensuring vibrant, true-to-life colors in various lighting conditions (fluorescent, tungsten, daylight). It analyzes scene light source, luminance, focal distance, subject matter orientation, and color to determine correct exposure and capture natural details and accurate flesh tones.

6. CONNECTING TO A COMPUTER

The Kodak EasyShare CX7430 connects to Windows-based PCs and Macintosh systems via USB 1.1 connectivity.

1. Ensure the Kodak EasyShare software is installed on your computer.
2. Connect the camera to your computer using the supplied USB cable.
3. Follow the on-screen prompts to transfer images and videos.

7. MAINTENANCE

7.1. Cleaning the Camera

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

7.2. Battery Care

For optimal battery life, use NiMH rechargeable batteries. Remove batteries if the camera will not be used for an extended period.

8. TROUBLESHOOTING

8.1. Camera Not Powering On

- Check if batteries are inserted correctly with proper polarity.

- Replace with fresh alkaline batteries or fully charged NiMH rechargeable batteries.
- Ensure the battery compartment cover is securely closed.

8.2. Short Battery Life

- Using the LCD screen extensively can drain batteries faster. Consider using the optical viewfinder when possible.
- Ensure you are using high-quality NiMH rechargeable batteries, as they generally offer better performance than alkaline batteries.
- Avoid operating the camera in extremely cold temperatures, which can reduce battery efficiency.

8.3. Camera Freezes or Malfunctions

- Remove and reinsert the batteries.
- Remove and reinsert the memory card.
- Avoid using the camera in extremely cold weather, as this has been noted to cause freezing.

8.4. Memory Card Issues

- Ensure the memory card is fully inserted.
- Verify the memory card is compatible (SD or MMC). Some newer, high-capacity cards may not be recognized; try a card with a smaller capacity (e.g., 2GB).
- Format the memory card using the camera's menu (this will erase all data on the card).

9. SPECIFICATIONS

Model Name	Kodak EasyShare CX7430
Image Sensor	4.0 Megapixels (2304 x 1728 pixels)
Optical Zoom	3x (34-102mm equivalent)
Digital Zoom	4x
Lens	Kodak Retinar Aspheric All-Glass Lens
Autofocus	TTL (Through-the-Lens) with Multi-zone and Center-spot
Display	1.6-inch Indoor/Outdoor LCD
Internal Memory	16 MB
Memory Card Support	Secure Digital (SD), MultiMedia Card (MMC)
Video Capture	320 x 240 at 20 fps (with audio), 640 x 480 (VGA) at 13 fps
File Formats	JPEG (images), QuickTime (video)
Connectivity	USB 1.1, A/V Out
Power Source	4 AA Batteries (Alkaline, NiMH recommended)
Dimensions (W x H x D)	4.06 x 2.56 x 1.5 inches (103 x 65 x 38 mm)
Weight	5.2 ounces (147 g) without batteries

Item Model Number	8962144
First Available	May 2, 2006

10. WARRANTY AND SUPPORT

10.1. Warranty Information

Please note that this product is sold without warranty. There are no returns or exchanges. The sale is final.

10.2. Software Support

The camera includes Kodak EasyShare software for Windows and Macintosh systems. This software facilitates digital picture transfer, organization, basic editing, sharing, and printing. It features a 'One Touch to Better Pictures' function for enhanced print quality from home inkjet printers.

For additional support or product information, you may visit the official [Kodak Store](#).