

Kodak DX6490

Kodak Easyshare DX6490 Digital Camera User Manual

Model: DX6490

1. PRODUCT OVERVIEW

The Kodak Easyshare DX6490 is a 4-megapixel digital camera featuring a powerful 10x optical zoom lens. Designed for both amateur and enthusiast photographers, it combines advanced imaging technology with user-friendly controls, offering a versatile shooting experience from wide-angle to telephoto.



Figure 1.1: Front view of the Kodak Easyshare DX6490 Digital Camera with its 10x optical zoom lens extended.

What's in the Box

- Kodak Easyshare DX6490 Zoom Digital Camera
- Audio/video cable
- USB cable
- Neck strap
- Lens cap with tether

- Kodak Easyshare Li-Ion Rechargeable Battery
- Battery charger
- Kodak Easyshare Software CD with interactive software tutorial
- Welcome kit and user's guide
- Custom camera insert for Kodak Easyshare 6000 Series Camera and Printer Docks

2. SETUP

2.1 Battery Installation

To install the Li-Ion rechargeable battery, locate the battery compartment door on the bottom of the camera. Slide the latch to open the door. Insert the battery according to the polarity indicators inside the compartment, then close the door securely until it clicks into place.



Figure 2.1: The bottom of the camera, showing the battery compartment and various ports.

2.2 Memory Card Insertion

The DX6490 supports MMC/SD memory cards. Open the memory card slot cover located on the side of the camera. Insert the memory card with the gold contacts facing the correct direction (usually towards the front of the camera) until it clicks into place. Close the cover firmly.



Figure 2.2: Side view of the camera with the memory card slot open, revealing the blue card slot.

2.3 Charging the Battery

Use the provided battery charger to fully charge the Li-Ion battery before first use. Connect the charger to a power outlet and insert the battery. The indicator light on the charger will show the charging status.

2.4 Initial Power On

After installing the battery and memory card, turn the camera on using the power dial. The camera may prompt you to set the date and time upon first power-on. Follow the on-screen instructions to configure these settings.

3. OPERATING THE CAMERA

3.1 Basic Controls

Familiarize yourself with the main controls:

- **Power Dial:** Used to turn the camera on/off and select shooting modes.
- **Shutter Button:** Press halfway to focus, fully to capture an image.
- **Zoom Lever:** Controls the optical and digital zoom.
- **LCD Screen:** Displays live view, menus, and captured images.
- **Electronic Viewfinder (EVF):** Provides an alternative viewing option, especially useful in bright conditions.



Figure 3.1: Top view of the camera, highlighting the power dial, shutter button, and zoom lever.

3.2 Shooting Modes

The DX6490 offers various shooting modes accessible via the control dial:

- **Program Mode:** Camera sets optimal shutter speed and aperture combination.
- **Aperture Priority Mode:** You choose the aperture, and the camera sets the shutter speed.
- **Shutter Priority Mode:** You choose the shutter speed, and the camera sets the aperture.
- **Auto Mode:** Fully automatic settings for simple point-and-shoot operation.

3.3 Using the Zoom

The camera features a Schneider-Kreuznach Variogon 10X Optical Zoom Lens (38-380 mm equivalent). Use the zoom lever located around the shutter button to adjust the focal length. Optical zoom provides high-quality magnification, while digital zoom extends the range further with some loss of image quality.



Figure 3.2: The camera with its 10x optical zoom lens fully extended.

3.4 Flash Modes

The built-in flash can be set to various modes, including Auto, Fill-in, Red-eye Reduction, and Off. Select the appropriate mode based on your lighting conditions to ensure proper exposure.

3.5 Focusing

The camera offers autofocus capabilities. Press the shutter button halfway down to allow the camera to focus on your subject. For specific scenarios, manual focus options may be available through the menu.

3.6 Playback and Review

To review captured images and videos, press the 'Review' button. Use the directional pad to navigate through your media. The 2.2" (56 mm) indoor/outdoor LCD screen provides a clear display, even in direct sunlight. Auto-rotation ensures vertical shots are displayed correctly.



Figure 3.3: Rear view of the camera, showing the active LCD screen displaying an image.

4. ADVANCED FEATURES

4.1 Manual Control Dial

For creative control, the DX6490 offers manual adjustments:

- **Aperture:** f/2.8-8.0 for controlling depth of field.
- **Shutter Speeds:** 1/1500 to 16 seconds for motion control.
- **Exposure Compensation:** +/- 2 in 0.3 increments.
- **ISO Equivalents:** 80-800 for light sensitivity.
- **Color Mode:** Saturated, neutral color, sepia, black-and-white.
- **Exposure Metering Type:** Choose how the camera measures light.
- **Focus Zone Format:** Adjust focus area.
- **Image Sharpness:** Control the sharpness level of your images.

4.2 Scene Modes

Optimize your shots with pre-set scene modes:

- **Night Mode:** Ideal for night scenes or low light situations.
- **Sport Mode:** Captures fast action without blurring.
- **Landscape Mode:** Ensures maximum sharpness for distant scenes.
- **Portrait Mode:** Places the subject in sharp focus, softening the background.
- **Close-up Mode:** Captures sharp, full-frame images as close as 4.7" (12 cm).

4.3 Kodak Color Science Image Processing Chip

The DX6490 incorporates Kodak's Color Science Image Processing Chip, which instantly analyzes your

image to deliver sharp, consistent, and lifelike colors.

4.4 High-Resolution Electronic Viewfinder and LCD

The camera features a high-resolution electronic viewfinder (EVF) that eliminates parallax, providing a true through-the-lens experience. The 2.2-inch LCD screen offers brilliant, sharp images even in direct sunlight, with auto-rotation for vertical shots.

5. MAINTENANCE

5.1 Cleaning the Camera

To maintain your camera's performance and appearance:

- Use a soft, lint-free cloth to clean the camera body.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid touching the lens surface with your fingers.
- Keep the LCD screen clean with a soft, dry cloth.
- Never use harsh chemicals or abrasive materials.

5.2 Storing the Camera

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

6. TROUBLESHOOTING

If you encounter issues with your Kodak Easyshare DX6490, refer to the following common solutions:

- **Camera not turning on:** Ensure the battery is fully charged and correctly inserted. Check if the battery contacts are clean.
- **Images are blurry:** Verify that the lens is clean. Ensure the camera is focusing correctly (press shutter halfway). Check if the shutter speed is too slow for the lighting conditions, especially in low light, and consider using flash or a tripod.
- **Memory card error:** Reinsert the memory card. Try formatting the card (this will erase all data, so back up first). Ensure the card is compatible with the camera.
- **Flash not firing:** Check flash mode settings. Ensure the battery has sufficient charge.
- **LCD screen not displaying:** Check if the EVF/LCD switch is set correctly. Adjust brightness settings if available.

For more detailed troubleshooting, consult the full user's guide provided on the software CD or available online.

7. SPECIFICATIONS

Technical Specifications

Feature	Detail
Brand	Kodak
Model Number	8500282 (DX6490)
Product Dimensions	3.94 x 3.19 x 3.15 inches
Item Weight	13.4 ounces
Batteries	1 Lithium Ion batteries required
Optical Zoom	10x
Maximum Focal Length	380 Millimeters
Photo Sensor Technology	CCD
Supported File Format	JPEG
Expanded ISO Minimum	80
Metering Description	Average
Language	English
Date First Available	April 16, 2004

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Specific warranty details for the Kodak Easyshare DX6490 may vary based on the region and point of purchase. Please refer to the warranty card included with your product or contact Kodak customer support for precise information regarding warranty coverage and terms.

8.2 Customer Support

For further assistance, technical support, or service inquiries, please refer to the official Kodak support channels. A comprehensive user manual in PDF format is available for download, which provides in-depth instructions and troubleshooting guides.

You can access the User Manual (PDF) [here](#).