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GE X500-BK

GE Power Pro X500-BK Digital Camera

INSTRUCTION MANUAL

Model: X500-BK

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1. Introduction

This manual provides detailed instructions for the safe and effective use of your GE Power Pro X500-BK Digital Camera. Please read this manual thoroughly before using the camera and keep it for future reference. The GE X500-BK is a 16-megapixel bridge camera featuring a 15x optical zoom, electronic viewfinder, and a 2.7-inch LCD screen, designed for capturing high-quality photos and videos.

2. Safety Information

Observe the following safety precautions to prevent injury or damage to the camera:

- Do not expose the camera to water or moisture.
- Avoid direct sunlight or extreme temperatures.
- Use only specified AA alkaline or NiMH batteries.
- Do not attempt to disassemble or modify the camera.
- Keep out of reach of small children.
- Clean the lens and screen with a soft, dry cloth.

3. Package Contents

Verify that all items are present in your camera package:

- GE X500-BK Digital Camera (Black)
- 4x AA Alkaline Batteries
- USB Cable
- Shoulder Strap
- Instruction Manual (CD-ROM and Quick Start Guide)
- Warranty Card

4. Product Overview

Familiarize yourself with the components of your GE Power Pro X500-BK camera.



Figure 4.1: Front view of the GE Power Pro X500-BK Digital Camera, showing the lens, flash, and grip.



Figure 4.2: Back view of the GE Power Pro X500-BK Digital Camera, highlighting the LCD screen, electronic viewfinder, and control buttons.



Figure 4.3: Top view of the GE Power Pro X500-BK Digital Camera, showing the mode dial, shutter button, and power switch.

initial setup, such as setting the date and time.

6. Operating Instructions

6.1. Basic Photography Modes

Rotate the mode dial on top of the camera to select your desired shooting mode:

- **Auto Mode:** Camera automatically adjusts settings for optimal results.
- **Program AE (P) Mode:** Camera sets aperture and shutter speed, but allows adjustment of other settings.
- **Shutter Priority (S) Mode:** You set the shutter speed, camera adjusts aperture.
- **Aperture Priority (A) Mode:** You set the aperture, camera adjusts shutter speed.
- **Manual (M) Mode:** Full control over both aperture and shutter speed.
- **Scene (SCN) Mode:** Choose from various preset scene modes (e.g., Portrait, Landscape, Sports) for specific shooting conditions.
- **ASCN (Auto Scene) Mode:** Camera automatically detects the scene type and applies appropriate settings.

6.2. Zoom Function

Use the zoom lever located around the shutter button to adjust the focal length. The camera features a 15x optical zoom and a 6x digital zoom. Optical zoom maintains image quality, while digital zoom may reduce it.

6.3. Video Recording

To record video, switch the mode dial to the movie camera icon. Press the shutter button to start and stop recording. Videos are captured in MPEG-4 (.MOV) format with G.711 monaural audio.

6.4. Image Stabilization

The GE X500-BK features Optical Image Stabilization (OIS) to reduce blur caused by camera shake. This feature is automatically active in most shooting modes.

6.5. Special Features

- **High Dynamic Range (HDR):** Adjusts exposure to capture more detail in both bright and dark areas of a scene.
- **Face Detection:** Automatically detects faces in the frame and optimizes focus and exposure.
- **Smile Detection:** Automatically releases the shutter when a smile is detected.
- **Blink Detection:** Warns if a subject blinked during the shot, allowing for a retake.
- **Pan-Capture Panorama:** Allows stitching multiple photos into a single panoramic image.
- **Automatic Brightness Adjustment:** The LCD screen's brightness adjusts automatically to ambient light conditions.

6.6. Flash Usage

The built-in flash has several modes:

- **Auto:** Flash fires automatically when needed.
- **Red-Eye Reduction:** Fires a pre-flash to reduce red-eye effect.
- **Forced Flash:** Flash fires regardless of lighting conditions.
- **No Flash:** Flash is disabled.
- **Slow Synchro:** Combines flash with a slow shutter speed for balanced exposure in low light.

7. Maintenance

7.1. Cleaning the Camera

- **Lens:** Use a lens brush or a soft, lint-free cloth specifically designed for camera lenses. Do not use abrasive materials.
- **LCD Screen:** Wipe gently with a soft, dry cloth. Avoid pressing hard on the screen.
- **Camera Body:** Use a soft, dry cloth to wipe away dust and smudges. Do not use chemical cleaners.

7.2. Storage

When not in use, 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 to prevent leakage.

8. Troubleshooting

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera does not power on.	Batteries are dead or incorrectly inserted.	Replace batteries or check polarity.
Images are blurry.	Camera shake, dirty lens, or incorrect focus.	Hold camera steady, clean lens, ensure proper focus. Use Optical Image Stabilization.
Flash does not fire.	Flash mode set to 'No Flash' or insufficient battery power.	Change flash mode, replace batteries.
Memory card error.	Card is full, corrupted, or incompatible.	Delete files, format card (will erase data), or try a different compatible card.
Poor performance in low light.	Automatic settings may not be optimal.	Adjust ISO sensitivity (up to 3200), use flash, or select a low-light scene mode.

9. Specifications

Feature	Detail
Effective Image Sensor Pixels	16 Megapixel
Anti-Shake	Optical Image Stabilization
Optical Zoom	15x
Digital Zoom	6x
ISO Sensitivity	Auto, ISO 80 / 100 / 200 / 400 / 800 / 1600 / 3200
Video Recording	640x480 pixels: 30 fps / 15 fps, 320x240 pixels: 30 fps / 15 fps
Movie Format	MPEG-4 AVC/H.264 (MOV)
Still Image Format	Exif 2.2 (JPEG)
LCD Screen Size	2.7 Inches
Viewfinder	Electronic

Feature	Detail
Internal Memory	14 MB
Memory Card Support	SD/SDHC up to 16GB
Battery Type	AA alkaline or NiMH
Dimensions (W x H x D)	4.06" x 2.92" x 2.68"
Weight	12.3 oz (0.76 lbs)
Connectivity	USB

10. Warranty & Support

10.1. Limited Warranty

The GE Power Pro X500-BK Digital Camera comes with a One Year Limited Warranty. Please refer to the warranty card included in your package for detailed terms and conditions.

10.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact GE customer support. Refer to the contact information provided on your warranty card or the official GE website.