

Pentax WG-10

Pentax WG-10 Waterproof Digital Camera User Manual

Model: WG-10

1. INTRODUCTION

The Pentax WG-10 is a robust and versatile digital camera designed for outdoor and underwater photography. It features a durable construction that is waterproof up to 33 feet (10 meters) and shockproof up to 4.8 feet (1.5 meters), making it suitable for various challenging environments. This camera is equipped with a 14-megapixel sensor, 5x optical zoom, and a dedicated 1cm macro mode with an included macro stand for detailed close-up shots. It also supports Full HD 1080p video recording.

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Pentax WG-10 camera to ensure optimal performance and longevity.

2. SETUP

2.1. Battery Installation

The Pentax WG-10 requires a battery for operation. Ensure the battery is fully charged before first use.

1. Locate the battery compartment cover on the side or bottom of the camera.
2. Slide the lock to open the cover.
3. Insert the battery into the compartment, ensuring the correct orientation as indicated by the diagram inside.
4. Close the cover and slide the lock back into place to secure it.

2.2. Memory Card Insertion

The camera uses SD memory cards (SD, SDHC, SDXC) to store photos and videos.

1. Open the battery/memory card compartment cover.
2. Insert the SD card into the designated slot with the label facing the correct direction until it clicks into place.

3. Close the compartment cover securely.

2.3. Initial Power-On and Settings

After installing the battery and memory card:

1. Press the power button to turn on the camera.
2. Follow the on-screen prompts to set the date, time, and language.

3. OPERATING THE CAMERA

3.1. Basic Photography

To take a photo:

1. Turn on the camera.
2. Frame your shot using the 2.7-inch LCD screen.
3. Use the zoom controls to adjust the 5x optical zoom (28-140mm focal length).
4. Press the shutter button halfway to focus (Automatic AF).
5. Press the shutter button fully to capture the image.

The camera features digital image stabilization to help reduce blur from camera shake. Exposure control is automatic, and white balance is set to auto by default.

3.2. Flash Modes

The built-in flash can be set to Auto, On, or Off. Specific flash modes are also available for macro photography to illuminate close-up subjects effectively.

3.3. Macro Photography

The WG-10 excels in macro photography, allowing you to capture subjects as close as 1cm. Use the dedicated macro mode for optimal results. The included macro stand can assist in steadying the camera for extremely close shots.

3.4. Video Recording

To record videos:

1. Switch the camera to video mode.
2. Press the video record button to start and stop recording.

Videos are recorded in Full HD 1080p resolution and saved in MP4 format.

3.5. Reviewing and Transferring Content

You can review your photos and videos on the 2.7-inch LCD screen. To transfer files to a computer or other device, connect the camera via USB or HDMI. The camera also supports EyeFi wireless technology for convenient photo transfer.

4. MAINTENANCE

4.1. Waterproof Seal Care

To maintain the camera's waterproof integrity, it is crucial to regularly inspect and care for the rubber seals around the battery/memory card compartment. Ensure no dirt, sand, or debris is present on the seals before closing the cover. It is recommended to have the waterproof seals professionally checked annually,

especially if the camera is frequently used in water.

4.2. Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for camera lenses. Avoid touching the lens surface with your fingers.
- **Screen:** Wipe the LCD screen gently with a microfiber cloth.
- **Camera Body:** Clean the camera body with a damp cloth and mild soap if necessary, then wipe dry. Rinse thoroughly with fresh water after use in saltwater.

4.3. Battery Care

Store the battery in a cool, dry place when not in use. Avoid extreme temperatures. Remove the battery if the camera will not be used for an extended period.

4.4. Storage

Store the camera in a dry, well-ventilated area, away from direct sunlight and extreme temperatures. Ensure all compartments are securely closed.

5. TROUBLESHOOTING

- **Camera does not power 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 by pressing the shutter button halfway. Use digital image stabilization in low-light conditions or when shooting handheld.
- **Water ingress/fogging:** If water enters the camera or the display fogs up, immediately power off the camera and remove the battery. Do not attempt to use the camera. Contact Pentax customer support for service. Regular inspection of waterproof seals is critical to prevent this issue.
- **Memory card error:** Ensure the memory card is correctly inserted and not full. Try formatting the card (this will erase all data) or using a different compatible SD card.
- **Flash not firing:** Check flash settings to ensure it is not set to 'Off'. Ensure the subject is within the effective flash range.

6. SPECIFICATIONS

General

Brand: Pentax

Model Name: WG-10

Color: Red

Item Weight: 166 Grams

Special Feature: Action Waterproof, Shockproof

Waterproof Depth: Up to 33 feet (10 meters)

Shockproof Height: Up to 4.8 feet (1.5 meters)

Imaging

Photo Sensor Resolution: 14 MP

Sensor Type: CMOS (1/2.3-inch)

Image Stabilization: Digital

Supported File Format: JPEG

Aspect Ratio: 16:9

ISO Range: 100 - 25600 (Expanded)

Lens & Focus

Optical Zoom: 5x

Focal Length: 28-140mm (35mm equivalent)

Lens Construction: 10 elements in 9 groups

Lens Type: Macro

Minimum Focal Length: 28 Millimeters

Focus Type: Automatic AF (Contrast Detection)

Display & Video

Screen Size: 2.7 Inches

Display Type: LCD

Video Resolution: FHD 1080p

Video Capture Format: MP4

Continuous Shooting: 30 FPS

Connectivity

Connectivity Technology: HDMI (Type D Micro HDMI), USB

Wireless Technology: EyeFi compatible

Compatible Flash Memory Type: SD

Product Images



Image 1: Top view of the Pentax WG-10 digital camera, highlighting its rugged design, lens, flash, and control buttons. The camera is red and black with 'PENTAX' and 'WG-10' branding visible.



Image 2: Back view of the Pentax WG-10 digital camera, featuring the LCD screen, menu button, OK button, and directional pad for navigation.



Image 3: The Pentax WG-10 digital camera with its LCD screen displaying an image, demonstrating the camera's user interface and image review capabilities.

7. WARRANTY AND SUPPORT

7.1. Warranty Information

The Pentax WG-10 typically comes with a manufacturer's warranty, which generally covers defects in materials and workmanship for a period of one year from the date of purchase. Please refer to your product packaging or purchase documentation for specific warranty terms and conditions.

7.2. Customer Support

For technical assistance, service, or warranty claims, please contact Pentax customer support. It is important to note that Pentax typically handles all repairs directly and does not sell replacement parts to third-party repair shops. For any issues requiring repair, the camera must be sent to an authorized Pentax service center.

Contact information for Pentax support can usually be found on the official Pentax website or in your product's original documentation.