Pentax W60

Pentax Optio W60 Waterproof 10MP Digital Camera User Manual

Model: W60

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Pentax Optio W60 Waterproof 10MP Digital Camera. Please read this manual thoroughly before using the camera and keep it for future reference. The Pentax Optio W60 is designed for durability, featuring waterproof and dustproof capabilities, making it suitable for various outdoor and aquatic environments.

2. PRODUCT OVERVIEW

2.1 Key Features

- **10.0-megapixel CCD Sensor:** Captures high-resolution images suitable for large prints.
- **Waterproof Design:** Operates up to 13 feet (4 meters) underwater for up to two hours (JIS Class 8 equivalent).
- **Coldproof Performance:** Functions in temperatures as low as 14 degrees Fahrenheit (-10 degrees Celsius).
- **5x Optical Zoom Lens:** Internal lens system with a 28mm wide-angle capability (35mm equivalent).
- **2.5-inch LCD Screen:** Features an Anti-Reflection coating and a 170-degree wide viewing angle.
- **HD Movie Capture:** Records video at 1280 x 720 pixels (720p) at 15 frames per second.
- **Digital Shake Reduction:** Minimizes blur in still images by adjusting ISO sensitivity up to 6400.
- **Face Recognition AF & AE:** Automatically detects up to 32 faces for optimal focus and exposure.
- **SD/SDHC Memory Card Support:** Uses standard memory cards for storage.

2.2 Camera Components

Familiarize yourself with the camera's external parts:

Image: Front view of the Pentax Optio W60 Digital Camera, showing the lens, flash, and self-timer lamp.

- **Front:** Lens, Flash, Self-timer lamp/AF assist lamp.
- **Top:** Power button, Shutter button.
- **Back:** LCD monitor, Zoom buttons, Playback button, Menu button, Four-way controller, OK button, Green button.
- **Side:** USB/AV terminal cover.
- **Bottom:** Battery/Memory card compartment cover, Tripod socket.

3. SETUP

3.1 Installing the Battery

1. Open the battery/memory card compartment cover located on the bottom of the camera.
2. Insert the D-LI78 Lithium-Ion battery with the correct orientation, ensuring the contacts align.
3. Close the compartment cover securely until it clicks into place.

3.2 Inserting a Memory Card

The camera supports SD and SDHC memory cards.

1. Open the battery/memory card compartment cover.
2. Insert the SD/SDHC memory card into the slot with the label facing the front of the camera until it clicks.
3. Close the compartment cover securely.

3.3 Charging the Battery

Use the provided battery charger to charge the D-LI78 battery. Connect the charger to a power outlet and insert the battery. The charging indicator will show the charging status.

4. OPERATING INSTRUCTIONS

4.1 Basic Photography

1. **Power On:** Press the **Power** button. The LCD monitor will turn on.
2. **Select Shooting Mode:** Use the four-way controller to navigate through shooting modes (e.g., Auto Picture, Program, Scene modes). Auto Picture mode automatically selects optimal settings.
3. **Zoom:** Use the **W** (Wide) and **T** (Telephoto) buttons to adjust the optical zoom.

4. **Focus:** Point the camera at your subject. The camera will automatically focus. For specific subjects, use Face Recognition or Macro mode.
5. **Take a Photo:** Press the **Shutter** button halfway to focus, then press it fully to capture the image.

4.2 Advanced Features

- **Underwater Photography:** The camera is waterproof. For best results underwater, select the 'Underwater Movie' mode for video or adjust white balance settings for still images in the menu. Ensure all covers are securely closed before submerging.
- **Movie Recording:** Press the **Movie** button to start recording. Press it again to stop. The camera supports HD resolution (1280 x 720 pixels) at 15fps.
- **Digital Shake Reduction:** This feature is automatically engaged in certain modes or can be selected to reduce blur in low-light conditions by increasing ISO sensitivity.
- **Smile Capture & Blink Detection:** These functions can be enabled in the menu to automatically capture a photo when a smile is detected or warn if a subject's eyes are closed.
- **Panorama Mode:** Allows stitching multiple images together to create a wide panoramic shot. Follow on-screen instructions for alignment.

4.3 Playback

To view captured images and videos:

1. Press the **Playback** button.
2. Use the four-way controller to navigate through your photos and videos.
3. Press the **OK** button to view a video or access playback options.

5. Maintenance

- **Cleaning the Camera:** After use in water or dusty environments, rinse the camera with fresh water and wipe it dry with a soft cloth. Do not use organic solvents.
- **Lens Care:** Gently wipe the lens with a lens cleaning cloth. Avoid touching the lens with your fingers. The lens features a proprietary SP (Super Protect) coating for water repellency and scratch resistance.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures.
- **Storage:** When not in use for extended periods, remove the battery and memory card. Store the camera in a dry, well-ventilated area.

6. Troubleshooting

- **Camera does not power on:** Ensure the battery is fully charged and correctly inserted.
- **Cannot take pictures:** Check if a memory card is inserted and has sufficient free space. Ensure the battery has enough charge.
- **Images are blurry:** Check focus settings. Ensure Digital Shake Reduction is active in low light. Clean the lens.
- **Water inside the camera:** Immediately power off the camera, remove the battery and memory card. Contact customer support. This indicates a seal failure.
- **Memory card error:** Reinsert the memory card. Try a different, compatible SD/SDHC card. Format the card (this will erase all data).

7. Specifications

Feature	Specification
Photo Sensor Resolution	10 MP
Optical Zoom	5x
Digital Zoom	5.7x
Minimum Focal Length	28 mm (35mm equivalent)
Maximum Focal Length	140 mm (35mm equivalent)
Water Resistance Level	Waterproof (up to 13 feet / 4 meters)
Operating Temperature	Down to 14°F (-10°C)
Screen Size	2.5 Inches
Video Resolution	1280 x 720 (15fps), 640 x 480 (30/15fps)
Image Stabilization	Digital, Optical
ISO Range	Auto, 50-6400
Storage Media	SD/SDHC Memory Card, Internal (36.4 MB)
Battery Type	Lithium-Ion (D-LI78)
Item Weight	0.36 Pounds

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Pentax website. Keep your proof of purchase for warranty claims. Contact information for service centers can typically be found on the manufacturer's support pages.