

## OLYMPUS SP-810UZ

# OLYMPUS SP-810UZ Digital Camera Instruction Manual

Model: SP-810UZ

## 1. INTRODUCTION AND OVERVIEW

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The OLYMPUS SP-810UZ is a high-performance digital camera designed for versatile photography. It features a powerful 36x optical zoom lens, covering a wide-angle 24mm to a super-telephoto 864mm equivalent. With digital zoom, it can achieve an impressive 3456mm equivalent for ultra-telephoto shots. The camera is equipped with a 14-megapixel BSI CMOS sensor and a 3.0-inch LCD screen. Advanced features like DUAL IS image stabilization and high-definition 720p movie recording ensure clear and stable results across various shooting conditions. This camera also includes a 3D photo function for creative imaging.



Figure 1.1: Front view of the OLYMPUS SP-810UZ Digital Camera. This image shows the camera's lens fully retracted, the power button, and the OLYMPUS branding.

## 2. SETUP

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### 2.1. Installing the Battery and Memory Card

Before using your camera, ensure the battery is charged and a compatible memory card is inserted.

1. **Open the Battery/Card Cover:** Locate the cover on the bottom of the camera and slide it open.
2. **Insert the Battery:** Insert the Lithium-ion battery (approx. 40g) into the battery compartment, ensuring the correct orientation as indicated by the markings. Push until it clicks into place.
3. **Insert the Memory Card:** Insert an SD card into the memory card slot with the label facing the front of the camera. Push until it clicks.
4. **Close the Cover:** Close the battery/card cover securely.

### 2.2. Charging the Battery

The camera's Lithium-ion battery can be charged directly within the camera using the supplied USB cable.

1. **Connect the USB Cable:** Connect the small end of the USB cable to the camera's USB port.
2. **Connect to Power:** Connect the other end of the USB cable to a USB AC adapter (not always included) or a powered USB port on a computer.
3. **Charging Indicator:** The charging indicator light on the camera will illuminate during charging and turn off when charging is complete.

## 2.3. Initial Settings

Upon first power-on or after a prolonged period without battery, you may need to set the date, time, and language.

1. **Power On:** Press the **ON/OFF** button.
2. **Follow On-Screen Prompts:** Use the directional pad and **OK** button to navigate and confirm settings for date, time, and preferred language.

## 3. OPERATING THE CAMERA

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### 3.1. Power On/Off

To turn the camera on or off, press the **ON/OFF** button located on the top of the camera.

### 3.2. Basic Photography

1. **Select a Shooting Mode:** Rotate the mode dial to select your desired shooting mode (e.g., Auto, Program, Scene modes, 3D Photo).
2. **Zoom In/Out:** Use the zoom lever around the shutter button to adjust the optical zoom (36x) or digital zoom (4x). The lens extends as you zoom in.
3. **Focus:** Point the camera at your subject and gently press the shutter button halfway down. The camera will automatically focus, and the focus indicator will light up.
4. **Capture Photo:** Once focused, press the shutter button fully down to take the picture.



Figure 3.1: Angled view of the OLYMPUS SP-810UZ with its powerful 36x optical zoom lens extended, ready for telephoto photography.

### 3.3. Video Recording

The SP-810UZ can record high-definition 720p videos in MPEG-4 format.

1. **Start Recording:** Press the dedicated movie recording button (often marked with a red dot) to start recording.
2. **Stop Recording:** Press the movie recording button again to stop.
3. **Zoom During Video:** While recording, you can use the zoom lever. Note that zooming during video recording may cause the audio to cut out temporarily during playback. It is recommended to set your desired zoom level before starting recording.

### 3.4. Playback

To view your captured photos and videos:

1. **Enter Playback Mode:** Press the playback button (usually indicated by a triangle icon).
2. **Navigate:** Use the directional pad to scroll through your images and videos.

3. **Delete Files:** In playback mode, press the delete button (often indicated by a trash can icon) to remove unwanted files.



Figure 3.2: Rear view of the OLYMPUS SP-810UZ, showing the 3.0-inch LCD screen and control buttons, including the movie record button and menu navigation.

## 4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your camera.

- **Cleaning the Lens and Screen:** Use a soft, lint-free cloth specifically designed for optical surfaces to gently wipe the lens and LCD screen. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** Store the battery in a cool, dry place when not in use. Avoid fully discharging the battery frequently. If storing for extended periods, charge it to about 50% capacity.
- **Storage:** When not in use, store the camera in a protective case to prevent dust accumulation and physical damage. Avoid exposing the camera to extreme temperatures, humidity, or direct sunlight.

## 5. TROUBLESHOOTING

This section addresses common issues you might encounter with your OLYMPUS SP-810UZ camera.

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
<b>Blurry Photos</b>	<ul style="list-style-type: none"> <li>• <b>Camera Shake:</b> Especially when using high zoom, hold the camera steady or use a tripod. Half-press the shutter button to allow the camera to focus before fully pressing.</li> <li>• <b>Low Light:</b> In dark environments, image quality may degrade. Avoid ISO 800 or higher if image clarity is critical, as images may appear grainy.</li> <li>• <b>Focus Difficulty:</b> In dark areas or scenes with minimal color variation, the camera may struggle to achieve focus. Try focusing on an object with more contrast.</li> </ul>
<b>Battery Drains Quickly</b>	<ul style="list-style-type: none"> <li>• Frequent use of zoom, flash, or video recording consumes more power.</li> <li>• Ensure the battery is fully charged before use.</li> </ul>
<b>Audio Cuts Out During Video Zoom</b>	This is a known characteristic. It is recommended to set your desired zoom level before starting video recording to avoid temporary audio interruption.
<b>Panoramic Photos Not Aligning</b>	If using the automatic panoramic setting, try switching to manual mode for better control over image overlap and alignment.

## 6. SPECIFICATIONS

Feature	Specification
<b>Model Name</b>	OLYMPUS SP 810UZ
<b>Brand</b>	OLYMPUS
<b>Sensor</b>	14 MP BSI CMOS (1/2.3 inch)
<b>Optical Zoom</b>	36x
<b>Digital Zoom</b>	4x
<b>Focal Length (35mm equiv.)</b>	24-864mm
<b>Aperture</b>	F2.8-F5.6
<b>Image Stabilization</b>	Sensor-shift type (DUAL IS)
<b>LCD Screen</b>	3.0 inch
<b>Video Resolution</b>	720p (MPEG-4)

Feature	Specification
Still Image File Format	JPEG
Storage Media	SD Card
Special Features	3D Photo Function
Weight (Product)	413g
Weight (Battery)	40g
Shutter Speed	30 seconds - 1/2000 seconds
Battery Type	Lithium-ion
Color	Black

## 7. WARRANTY AND SUPPORT

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This product is a genuine domestic product. For warranty information and customer support, please refer to the warranty card included with your purchase or visit the official OLYMPUS website for your region. Keep your proof of purchase for warranty claims.