

Olympus TG-860

Olympus TG-860 Tough Digital Camera Instruction Manual

Model: TG-860

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Olympus TG-860 Tough Digital Camera. The TG-860 is designed for durability, featuring waterproof, shockproof, freezeproof, and crushproof capabilities. It includes a 21mm ultra-wide lens with 5x optical zoom, a 180-degree tilting LCD, built-in Wi-Fi, and GPS functionality, making it suitable for various outdoor and action photography scenarios.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage to your camera, please observe the following:

- The camera is **waterproof** to a depth of 15 meters (50 feet) and **shockproof** against drops from up to 2.1 meters (7 feet).
- It is **freezeproof** down to -10°C (14°F) and **crushproof** up to 100 kgf (220 LBF).
- Before submerging the camera, ensure all covers (battery/card compartment, USB/HDMI port) are securely closed and free from dirt or debris.
- After use in saltwater, rinse the camera thoroughly with fresh water and dry it completely before opening any compartments.
- Do not open the battery or memory card compartment while the camera is wet or submerged.
- Avoid exposing the camera to extreme temperatures beyond its specified operating range.

3. PACKAGE CONTENTS

The Olympus TG-860 package typically includes:

- Olympus TG-860 Digital Camera Body
- Lithium-Ion Battery
- USB Cable
- AC Adapter
- Strap

- Instruction Manual (this document)

Note: Specific accessories may vary by region or package.

4. CAMERA COMPONENTS



Figure 4.1: Front View

This image shows the front of the Olympus TG-860 camera, highlighting the lens, flash, and the "Tough" branding, indicating its robust design.



Figure 4.2: Rear View with Tilting LCD

This image displays the back of the camera with its 180-degree tilting LCD screen, useful for various shooting angles, including selfies. Control buttons are also visible.

Key Components:

- **Lens:** 21mm Ultra-wide lens with 5x optical zoom.
- **Flash:** Built-in flash for low-light conditions.
- **LCD Monitor:** 3-inch, 180-degree tilting LCD for flexible viewing and self-portraits.
- **Shutter Button:** For capturing photos.
- **Power Button:** To turn the camera on or off.
- **Mode Dial:** To select various shooting modes.
- **Control Pad:** For navigation and setting adjustments.
- **Battery/Card Compartment:** Located on the side/bottom, secured with a waterproof seal.
- **USB/HDMI Port:** For data transfer and video output, also secured with a waterproof seal.

5. SETUP

5.1. Charging and Inserting the Battery

1. Open the battery compartment cover, ensuring the camera is dry.
2. Insert the supplied Lithium-Ion battery with the correct orientation.
3. Close the battery compartment cover securely until it clicks into place.
4. Connect the camera to the AC adapter using the USB cable to charge the battery. The charging indicator will illuminate.
5. Charging is complete when the indicator turns off.

5.2. Inserting a Memory Card

The camera supports SDHC, SDXC, or higher memory cards.

1. Open the battery/card compartment cover.
2. Insert the memory card into the slot with the label facing the correct direction until it clicks.
3. Close the compartment cover securely.

5.3. Initial Power On and Settings

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

6. BASIC OPERATION

6.1. Taking Photos

1. Turn on the camera.
2. Select your desired shooting mode using the mode dial (e.g., Intelligent Auto, Program Auto).
3. Frame your shot using the LCD monitor.
4. Press the shutter button halfway to focus, then press it fully to capture the image.

6.2. Recording Videos

1. Turn on the camera.
2. Press the dedicated movie record button to start recording.
3. Press the movie record button again to stop recording.
4. The camera records videos in MP4 format with a resolution of up to 1080p.

6.3. Using the Zoom

Use the zoom lever around the shutter button to adjust the 5x optical zoom. The camera also features a 4x digital zoom.

7. ADVANCED FEATURES

7.1. Wi-Fi Connectivity

The built-in Wi-Fi allows you to connect the camera to a smartphone or tablet using the Olympus Image Share app. This enables remote shooting, image transfer, and sharing.

7.2. GPS Functionality

The integrated GPS module automatically records location data with your photos and videos, allowing you to geotag your adventures.

7.3. Sportcam Mode

Utilize Sportcam mode for capturing dynamic action. This mode supports 60p movies, high-speed movies for slow-motion playback, and time-lapse movies.

7.4. Art Filters and Panorama

Explore various Art Filters to add creative effects to your photos. The camera also features in-camera sweep panorama capabilities for capturing wide scenic views.

7.5. 180-Degree Tilting LCD

The versatile tilting LCD screen allows for easy self-portraits and shooting from challenging high or low angles.

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens and LCD, use a specialized lens cleaning cloth.
- **Waterproof Seals:** Regularly inspect the rubber seals on the battery/card compartment and port covers for dirt, sand, or damage. Clean them gently with a soft cloth. Do not use sharp objects.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and high humidity. If storing for an extended period, remove the battery.
- **After Underwater Use:** Always rinse the camera with fresh water immediately after use in saltwater or chlorinated water. Allow it to air dry completely before opening any compartments.

9. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not power on.	Ensure the battery is charged and correctly inserted. Try charging the battery.
Cannot take pictures.	Check if a memory card is inserted and has sufficient free space. Ensure the lens cap (if any) is removed. Battery may be low.
Images are blurry.	Clean the lens. Ensure proper focus before pressing the shutter button fully. Check for camera shake; use a faster shutter speed or stable surface.
Camera fogs up internally.	This can occur due to sudden temperature changes or high humidity. Ensure all seals are clean and properly closed. Allow the camera to acclimatize to the environment before use. If persistent, contact customer support.

10. SPECIFICATIONS

Feature	Detail
Effective Still Resolution	16 MP
Optical Zoom	5x
Digital Zoom	4x
Lens	21mm Ultra-wide lens
Screen Size	3 Inches
Display Type	LCD, Tilting
Waterproof Rating	Up to 15 meters (50 feet)
Shockproof Rating	Up to 2.1 meters (7 feet)
Freezeproof Rating	Down to -10°C (14°F)
Crushproof Rating	Up to 100 kgf (220 LBF)
Connectivity	Wi-Fi, GPS
Video Resolution	1080p (MP4 format)
Image Stabilization	Digital, Optical
Photo Sensor Technology	CMOS
Supported File Format	RAW
Memory Card Type	SDHC, SDXC
Battery Type	Lithium Ion
Item Weight	0.22 Kilograms

11. PRODUCT VIDEO



Video 11.1: Olympus TG-860 Digitalkamera Overview

This official video demonstrates the Olympus TG-860 Tough Digital Camera's robust features, including its waterproof, shockproof, and freezeproof capabilities, along with its performance in various outdoor environments.

12. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Olympus support website. Keep your proof of purchase for warranty claims.

Online Support: [Olympus Support Website](#)

