WOLFANG GA420

WOLFANG GA420 Action Camera User Manual
Model: GA420

INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your WOLFANG GA420 Action Camera. Please read this manual carefully before using the camera to ensure proper function and to maximize your experience.

PRODUCT OVERVIEW

The WOLFANG GA420 is a high-performance action camera designed to capture your adventures in stunning 4K resolution. It features a dual-screen design, advanced image stabilization, and robust waterproofing capabilities.

Key Features

- **Dual-Screen Design:** Front screen for selfies and a 2-inch sensitive touch screen on the rear.
- **Waterproof:** 10 meters (33 feet) bare metal waterproof, and up to 40 meters (131 feet) with the included waterproof case.
- **High Resolution:** Native 4K video recording at 60 frames per second (4K/60FPS) and 20MP still photos.
- **6-Axis EIS Stabilization:** Advanced Electronic Image Stabilization for smooth and steady footage.
- **Dual Microphone:** Equipped with an external noise-canceling microphone for clear audio capture.
- **Wi-Fi Connectivity:** For easy sharing and remote control.
- **Long Battery Life:** Two 1350mAh rechargeable batteries provide extended recording time.

Image: Overview of the WOLFANG GA420 Action Camera's key features, including video resolutions, photo capabilities, waterproofing depths, and various shooting modes like EIS, diving mode, and time lapse.

SETUP

1. Charging the Battery

Before first use, fully charge both 1350mAh batteries. Insert the battery into the camera or an external charger (if provided). Connect the camera to a USB power source using the provided USB cable.

180-Min Battery Life, Never Miss Any Moment

2*1350mAh Rechargeable Batteries, Replace it any time.

1350 mAh
2*Batteries
Replace it any time

3 h **35** m
Never Miss
Any Moment

*Lab data, just for reference.

Image: The camera's battery compartment with a 1350mAh battery, illustrating how to insert or replace batteries for extended use.

2. Inserting a MicroSD Card

Open the battery cover and locate the microSD card slot. Insert a Class 10 or higher microSD card (up to 128GB, not included) with the contacts facing the front of the camera until it clicks into place. Format the card in the camera's settings before first use.

3. Attaching Accessories

The GA420 comes with a variety of accessories for different mounting options. For underwater use beyond 10

meters, always use the included waterproof case. Ensure all latches and seals are secure before submerging.

New Design Ergonomic Accessories

Easy to use and mount to any equipment

More and Better

Image: A collection of ergonomic accessories for the WOLFANG GA420, demonstrating the various mounting and usage options available.

Image: The WOLFANG GA420 camera being splashed with water, highlighting its 10-meter bare waterproof design and 40-meter waterproof capability when enclosed in its protective case.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the Power/Mode button to turn the camera on or off. A startup sound will indicate the camera is ready.

2. Switching Screens

The GA420 features a dual-screen design. Use the dedicated button or touch control (on the rear screen) to switch between the front and rear displays. The front screen is ideal for vlogging and selfies.

Image: Illustration of the camera's dual-screen feature, showing how users can switch between the front screen for self-recording and the rear screen for standard framing.

3. Recording Video / Taking Photos

In video mode, press the Shutter/OK button to start recording. Press again to stop. In photo mode, press the Shutter/OK button to take a picture. The camera supports native 4K video at 60FPS and 20MP photos.

Image: A scenic shot demonstrating the camera's ability to capture Native 4K Ultra HD images and video at 60 frames per second.

4. Electronic Image Stabilization (EIS)

The GA420 features 6-axis EIS technology to minimize camera shake and deliver smooth footage, especially during dynamic activities. Ensure EIS is enabled in the camera settings for optimal results.

Image: A visual comparison illustrating the effectiveness of the 6-axis EIS technology in reducing blur and shakiness in action footage.

5. Wi-Fi Connectivity

Activate Wi-Fi in the camera settings. Download the official WOLFANG app on your smartphone. Connect your phone to the camera's Wi-Fi network. This allows for remote control, live preview, and easy transfer of files to your device for sharing.

Image: The camera demonstrating Wi-Fi connectivity, showing how it can link to a smartphone for sharing photos and videos across various platforms.

6. Using the External Microphone

Connect the external noise-canceling microphone to the camera's designated port for enhanced audio quality, especially in noisy environments.

7. Remote Control

Pair the included remote control with your camera to easily start/stop recording or take photos from a distance. Refer to the remote control's specific instructions for pairing.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the camera lens and screens. For stubborn dirt, slightly dampen the cloth with water. Do not use harsh chemicals.
- **Waterproof Case:** After each use in water, rinse the waterproof case with fresh water and allow it to air dry. Inspect the O-ring seal for any debris or damage.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Battery Care:** Do not expose batteries to high temperatures or disassemble them. Dispose of used batteries according to local regulations.

TROUBLESHOOTING

- **Camera not turning on:** Ensure the battery is charged and correctly inserted. Try a different charged battery.
- **Camera freezing:** Remove and reinsert the battery to reset the camera. If the issue persists, try formatting the microSD card (backup important files first) or using a different card.
- **Poor video/photo quality:** Check that the lens is clean. Ensure settings like resolution and EIS are configured correctly. Use a high-speed (Class 10 or U3) microSD card.
- **Water leakage with waterproof case:** Ensure the case is properly closed and latched. Inspect the O-ring for dirt, hair, or damage. Replace the O-ring if necessary.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on the camera and your smartphone. Restart both devices. Check the WOLFANG app for updates.

SPECIFICATIONS

Feature	Detail
Brand	WOLFANG
Model Number	GA420
Product Dimensions	6.3 x 4.5 x 3.3 cm; 603 g
Photo Sensor Technology	CMOS
Video Capture Resolution	4K (60FPS)
Still Photo Resolution	20MP
Maximum Aperture	f/2.0
Flash Memory Type	SDHC (up to 128GB, Class 10/U3 recommended)
Video Capture Format	MOV
Screen Size	2 Inches (rear touch screen)
Connectivity Technology	Wi-Fi

Special Features	Digital camera, H.264, Tripod support, Dual Screen, 6-Axis EIS, Dual Microphone
Waterproof Rating	10M (bare camera), 40M (with waterproof case)
Battery Capacity	2 x 1350mAh rechargeable batteries

WARRANTY AND SUPPORT

WOLFANG provides a **1-year warranty** for the GA420 Action Camera and offers free returns and exchanges within 1 month of purchase. For any additional support, technical assistance, or warranty claims, please contact us directly.

Email: support@wolfang.co

Please include your model number (GA420) and purchase details when contacting support.