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› GoPro HERO6 Black Action Camera User Manual

GoPro GoPro Hero6

GoPro HERO6 Black Action Camera User Manual

Model: HERO6 Black

Brand: GoPro

INTRODUCTION

The GoPro HERO6 Black is an advanced action camera designed to capture high-quality footage in various environments. It features enhanced performance, superior image stabilization, and fast media transfer capabilities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HERO6 Black camera.



An image showing the front view of the GoPro HERO6 Black action camera, highlighting its lens, front display, and 'HERO6' branding on the side.

Key Features

- **Enhanced Performance:** Two times the performance of its predecessor, supporting 4K60 and 1080/240 video recording for smooth footage and slow-motion playback.
- **Advanced Stabilization:** Features GoPro's best stabilization to date, ensuring crisp and steady video capture.
- **High-Resolution Photos:** Capture 12MP photos, burst photos at 12MP/30fps, and various time-lapse and night photo modes.
- **GP1 Processor:** Equipped with a new GP1 processor for unbelievably crisp image quality.
- **Fast Wireless Transfer:** 5GHz Wi-Fi enables three times faster video and image transfers to your smartphone.
- **Voice Control:** Utilize up to 12 voice commands for hands-free operation.
- **Built-in GPS:** Records speed, elevation, and other real-time stats to enrich your footage.

WHAT'S IN THE BOX

Upon unboxing your GoPro HERO6 Black, you should find the following components:

- Camera Body
- Rechargeable Battery
- USB-C Cable
- Mounting Buckle
- Curved Adhesive Mount
- Flat Adhesive Mount
- Quick Start Guide / Manual (this document)

SETUP

1. Charging the Battery

Before first use, fully charge the camera battery. Connect the included USB-C cable to the camera's USB-C port and plug the other end into a USB wall charger (5V 1A recommended) or a computer's USB port. The camera's front status light will indicate charging status and turn off when fully charged.

2. Inserting a microSD Card

The HERO6 Black requires a microSD card (Class 10 or UHS-I/II/III recommended) to store photos and videos. Open the side door of the camera and gently insert the microSD card into the slot with the label facing the front of the camera until it clicks into place.

3. Powering On/Off

- **To Power On:** Press the Mode button (side button).
- **To Power Off:** Press and hold the Mode button for approximately 3 seconds until the camera powers down.

4. Initial Setup and Pairing with GoPro App

Upon first power-on, the camera will guide you through initial setup. For full functionality and easy media management, download the GoPro QuikStories app on your smartphone. Follow the in-app instructions to pair your camera via Bluetooth and Wi-Fi.

OPERATING

Basic Controls

- **Mode Button (Side):** Powers the camera on/off, switches between video, photo, and time-lapse modes.
- **Shutter Button (Top):** Starts/stops recording video, takes photos, or starts time-lapse.
- **Touchscreen Display (Rear):** Navigate menus, change settings, and preview footage. Swipe down for settings, swipe left/right to change modes, swipe up for media gallery.

Voice Commands

The HERO6 Black responds to specific voice commands for hands-free operation. Ensure voice control is enabled in the settings. Examples include:

- "GoPro Start Recording"
- "GoPro Stop Recording"
- "GoPro Take a Photo"
- "GoPro Turn Off"

Photo and Video Modes

The camera offers various capture modes:

- **Video:** Records video at resolutions up to 4K at 60 frames per second (fps) and 1080p at 240fps for slow-motion effects.
- **Photo:** Captures single 12MP still images.
- **Burst:** Takes a series of photos at 12MP/30fps.
- **Time Lapse Photo:** Captures photos at set intervals (e.g., 0.5, 1, 2, 5, 10, 30, 60 seconds).
- **Night Photo:** Optimized for low-light conditions with various exposure settings.
- **Night Lapse Photo:** Time-lapse photography for night scenes with intervals up to 60 minutes.

Media Transfer

Transfer photos and videos to your smartphone using the GoPro QuikStories app via 5GHz Wi-Fi for faster speeds. Alternatively, connect the camera directly to a computer using the USB-C cable to access files on the microSD card.

GPS Functionality

The built-in GPS captures telemetry data such as speed, elevation, and G-force. This data can be overlaid onto your videos using the GoPro QuikStories app to provide a richer viewing experience.

MAINTENANCE

Cleaning the Camera

After use, especially in dusty or wet environments, clean your camera. Use a soft, lint-free cloth to wipe the lens and touchscreen. For stubborn dirt, slightly dampen the cloth with water. Ensure all doors are closed before cleaning if water is involved. Do not use harsh chemicals.

Battery Care

- Store batteries in a cool, dry place.
- Avoid fully discharging batteries frequently to prolong their lifespan.
- If storing for extended periods, charge batteries to about 50-60%.

Water Resistance

The HERO6 Black is waterproof without a housing to 33ft (10m). Ensure all camera doors are securely closed and latched before exposing the camera to water. After use in saltwater, rinse the camera with fresh water and dry thoroughly.

TROUBLESHOOTING

Camera Not Responding/Freezing

If the camera freezes or becomes unresponsive, press and hold the Mode button for 8-10 seconds to force a power off. If the issue persists, remove and reinsert the battery.

Poor Image/Video Quality

- Ensure the lens is clean and free of smudges or dirt.
- Check lighting conditions; ensure adequate light for optimal results.
- Verify that the correct resolution and frame rate settings are selected for your intended use.

Connectivity Issues (Wi-Fi/Bluetooth)

- Ensure Wi-Fi and Bluetooth are enabled on both the camera and your smartphone.
- Restart both the camera and your smartphone.
- Forget the camera's Wi-Fi network on your phone and re-pair.

MicroSD Card Errors

If you encounter card errors, try formatting the microSD card within the camera's settings. **Warning:** Formatting will erase all data on the card. Ensure you have backed up any important files.

SPECIFICATIONS

Brand	GoPro
Model Number	GoPro Hero6
Product Dimensions	9.06 x 3.94 x 2.76 inches
Item Weight	1 pounds
Color	Black
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p (up to 4K60 supported)
Maximum Aperture	f/2.0
Flash Memory Type	Micro SD
Video Capture Format	MP4
Supported Audio Format	AAC, FLAC
Screen Size	2 Inches

Connectivity Technology	Wi-Fi
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WARRANTY AND SUPPORT

Warranty Information

GoPro products typically come with a limited manufacturer's warranty. Please refer to the official GoPro website or the warranty card included with your purchase for specific terms, conditions, and duration of the warranty.

Customer Support

For further assistance, technical support, or to access frequently asked questions, please visit the official GoPro support website. You can find contact information and resources for troubleshooting and product registration there.

Note: Product specifications and features are subject to change without notice. For the most up-to-date information, please visit the official GoPro website.

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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