GoPro CHDHX-601-cr

GoPro HERO6 Black 4K Action Camera User Manual

Model: CHDHX-601-cr

Introduction

The GoPro HERO6 Black is a high-performance 4K action camera designed for capturing immersive footage in various environments. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your camera.



Figure 1: Front view of the GoPro HERO6 Black camera.

Key features include 4K60 and 1080p240 video capabilities, advanced video stabilization, and an all-new GP1 chip optimized for GoPro capture. It also features voice commands, a 2-inch touch display, and is waterproof without a housing.

Setup

1. Charging the Battery

Before first use, fully charge the camera's battery. Connect the camera to a USB power source using the provided cable. The camera's status lights will indicate charging progress.

2. Inserting a MicroSD Card

The HERO6 Black requires a high-quality MicroSD card (sold separately) for storing photos and videos. Open the side door and insert the MicroSD card with the label facing the front of the camera until it clicks into place. Ensure the card is formatted within the camera for optimal performance.

3. Initial Power On

Press the Mode button to power on the camera. Follow the on-screen prompts on the 2-inch touch display to set up language, date, and time. You can also use voice commands to control the camera once it's powered on.



Figure 2: Rear view of the GoPro HERO6 Black showing the touch display.

Operating Instructions

1. Basic Operation

- **Power On/Off:** Press and hold the Mode button (side) to power on or off.
- **Change Modes:** Press the Mode button repeatedly to cycle through video, photo, and time-lapse modes.
- **Start/Stop Recording/Capture:** Press the Shutter button (top) to start or stop recording video, or to capture a photo.

2. Video and Photo Capabilities

The HERO6 Black offers advanced capture options:

- **Video Resolution:** Supports 4K at 60 frames per second (4K60) and 1080p at 240 frames per second (1080p240) for slow-motion.
- **Image Quality:** Enhanced image quality thanks to the GP1 chip.
- **Stabilization:** Features advanced video stabilization for smooth footage, whether handheld or mounted.
- **Audio:** Equipped with advanced wind noise reduction and stereo audio recording from multiple microphones.

3. Smart Features

- **QuikStories Enabled:** Automatically sends footage to your phone where the GoPro app transforms it into an edited video.

- **Voice Commands:** Control your camera hands-free with commands like "GoPro shoot burst."
- **Touch Display:** The 2-inch touch display allows for easy framing, setting changes, and footage playback, including touch zoom.

4. Waterproofing

The HERO6 Black is waterproof to 33 feet (10 meters) without a housing. For deeper dives, an optional Super Suit housing is available to extend waterproofing up to 60 meters.

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Video 1: Official GoPro Hero 6 demonstration video showcasing various action shots and features.

Maintenance

1. General Care

The HERO6 Black is designed to be ultra-durable and withstand bumps and bruises from outdoor activities. However, proper care will extend its lifespan.

- Always ensure the side door is securely closed before exposing the camera to water.
- Rinse the camera with fresh water after use in saltwater or chlorinated water, then dry thoroughly.
- Clean the lens and touch display with a soft, lint-free cloth. Avoid abrasive materials.

2. Battery Care

To maximize battery life, avoid extreme temperatures. Store the camera and batteries in a cool, dry place when not in use.

Troubleshooting

Common Issues and Solutions:

- **Short Battery Life:** Action cameras typically have limited battery life, especially when recording in high resolutions (e.g., 4K). It is recommended to purchase additional official GoPro batteries for extended use.
- **Voice Control Not Responding:** Ensure you are speaking clearly and within range of the camera's microphones. Check for any obstructions or loud background noise. If issues persist, try restarting the camera.
- **Recording/Playback Issues:** Ensure you are using a high-quality MicroSD card with sufficient data rates (e.g., a "Pro type" card). Formatting the card within the camera can often resolve recording and playback problems.
- **Camera Not Powering On:** Ensure the battery is charged. If the battery is charged and the camera still won't turn on, try removing and reinserting the battery.

Specifications

Feature	Detail
Brand	GoPro
Model Number	CHDHX-601-cr
Product Dimensions	16.6 x 2.5 x 9.8 inches
Item Weight	1.1 pounds
Video Capture Resolution	1080p, 4K

Photo Sensor Technology	CCD
Flash Memory Type	Micro SD
Screen Size	2 Inches
Connectivity Technology	Wi-Fi
Color	Black
Manufacturer	Firemall LLC
First Available Date	July 14, 2018

Warranty and Support

This GoPro HERO6 Black is a renewed product. Renewed products typically come with a limited warranty provided by the seller or refurbisher.

- **Return Policy:** This product is eligible for a 90-day refund/replacement policy. Please refer to your purchase platform for specific details regarding returns and exchanges.
- **Technical Support:** For technical assistance, please visit the official GoPro support website or contact the seller, Western Central, directly through your purchase platform.
- **Additional Resources:** Explore the Amazon Renewed Store for more information on renewed products.

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