GoPro AHD3D-301

GoPro Dual HERO System for HERO3+ Instruction Manual
Model: AHD3D-301

1. PRODUCT OVERVIEW

The GoPro Dual HERO System is an accessory designed to house two HERO3+ Black Edition cameras (sold separately) for simultaneous video and photo capture. This system enables users to record synchronized footage, which can then be converted into immersive 3D content using GoPro Studio editing software. The housing is built to be durable and waterproof, allowing for use in various environments.

Important Compatibility Note: This system is exclusively compatible with HERO3+ Black Edition cameras. It does not support other GoPro camera models.

Key Features:

- **Simultaneous Capture:** Holds two HERO3+ Black Edition Cameras to capture full-resolution videos and photos concurrently.
- **Waterproof Design:** Rated waterproof to 197 feet (60 meters), suitable for underwater and harsh conditions.
- **Single Interface Control:** Allows one camera to control the settings and modes of the second camera for streamlined operation.
- **3D Content Creation:** Records synchronized 2D videos or photos for conversion into 3D using GoPro Studio software.
- **Integrated Mini USB Port:** The included Sync Cable features a Mini USB port for data off-load, battery charging, and live-feed video when used with the Skeleton Backdoor.

2. SETUP

2.1 Unpacking

Verify that all components are present in the package:

- Dual HERO System Housing
- Sync Cable
- 2 Curved Adhesive Mounts
- 2 Flat Adhesive Mounts
- 3D Anaglyph Glasses

2.2 Installing Cameras

1. Open the Dual HERO System housing by releasing the latch.

2. Carefully insert two GoPro HERO3+ Black Edition cameras into the designated slots within the housing. Ensure they are oriented correctly.

3. Connect the Sync Cable to the Mini USB ports of both cameras. This cable facilitates synchronized operation and power management.

4. Close the housing securely, ensuring the latch is fully engaged and the waterproof seal is properly seated.

Image: The Dual HERO System housing opened, showing two HERO3+ Black Edition cameras installed and connected by the sync cable.

3. OPERATING INSTRUCTIONS

3.1 Synchronized Capture

With the Sync Cable connected, one camera acts as the master, controlling the settings and recording functions of the second camera. Power on the master camera, and the slave camera will automatically mirror its operational state. Any changes to video mode, resolution, or photo settings on the master camera will apply to both cameras simultaneously.

3.2 Creating 3D Content

To create 3D content, record synchronized 2D videos or photos using the Dual HERO System. After capturing your footage, transfer the files to a computer. Utilize the free GoPro Studio editing software to combine the synchronized left and right eye footage into a single 3D video file. The included 3D Anaglyph Glasses can be used to view the resulting 3D content on compatible 3D televisions or computer monitors.

3.3 Waterproof Use

The Dual HERO System housing is designed to be waterproof up to 197 feet (60 meters). Before submerging the system, ensure the housing is properly closed and sealed, and that no debris is obstructing the O-ring seal. After use in saltwater, rinse the housing with fresh water and allow it to air dry.

Image: Front view of the Dual HERO System, showcasing the two camera lenses and the robust housing.

3.4 Data Transfer and Charging

The Sync Cable features a Mini USB port. This port allows for direct data off-load from both cameras to a computer without removing them from the housing. It also enables battery charging for both cameras simultaneously. When using the optional Skeleton Backdoor, this port can also provide a live video feed.

Image: The Dual HERO System attached to various mounting accessories, demonstrating its versatility.

4. Maintenance

- **Cleaning:** After each use, especially in water, rinse the housing with fresh water. Use a soft, lint-free cloth to dry. Avoid abrasive cleaners or solvents.
- **Seal Inspection:** Regularly inspect the O-ring seal around the housing door for any dirt, sand, hair, or damage. A clean, properly seated O-ring is crucial for maintaining the waterproof integrity.
- **Storage:** Store the Dual HERO System in a cool, dry place away from direct sunlight. Ensure the housing is clean and dry before storage.
- **Lens Care:** Clean the housing's lens port with a soft, clean cloth. Avoid touching the camera lenses directly.

5. Troubleshooting

5.1 Cameras Not Synchronizing

- Ensure both cameras are HERO3+ Black Edition models.
- Verify that the Sync Cable is securely connected to the Mini USB ports of both cameras.
- Confirm that both cameras have sufficient battery charge.

5.2 Water Leakage

- Immediately remove the cameras from the housing if a leak is detected.
- Inspect the O-ring seal for any debris, cracks, or improper seating. Clean or replace the O-ring if necessary.
- Ensure the housing latch is fully closed and secured.

5.3 3D Footage Alignment Issues

- While the system aims for precise alignment, minor adjustments may be needed in post-production using GoPro Studio or other editing software.
- Ensure cameras are firmly seated in the housing to minimize movement during recording.

6. Technical Specifications

Specification	Detail
Model Number	AHD3D-301
Product Dimensions	13.19 x 15.67 x 9.65 inches
Item Weight	1.63 pounds
Water Resistance Level	Waterproof (up to 197 feet / 60 meters)
Material	Plastic, Polycarbonate (PC)

Compatible Cameras	GoPro HERO3+ Black Edition ONLY

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GoPro website or contact GoPro customer service directly. Keep your proof of purchase for warranty claims.

GoPro Official Website: gopro.com