

EVO GP-PRO

3 Axis GoPro Stabilizer

Compatible With:

HERO4
BLACK + SILVER

HERO3+
BLACK EDITION

HERO3

EVO GIMBALS.COM

QUICKSTART GUIDE

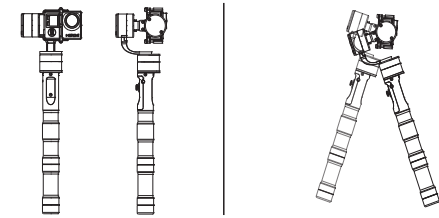
GETTING STARTED

- Remove battery end cap and install the extension tube.
- Insert both charged 18650 LiPo Batteries and screw on end cap.
- Mount Camera by screwing thumbscrews to mounting bracket.
- Initialize gimbal first by setting on flat non-moving surface. Press power button and wait 3-4 seconds for calibration lights to stop.
- Depress thumbstick for 2 seconds to power on motors
- Adjust the camera tilt angle by pushing up or down on the thumbstick. Camera tilt can only be adjusted in Heading Follow Mode or Lock Mode. Camera horizon angle can be adjusted when in "Heading and Pitch Followmode".

To power on motors, depress thumbstick for 2 seconds. Single click the thumbstick to switch between "Heading Follow Mode" and "Lock Mode". Double click to enter "Heading and Pitch Follow Mode". To power OFF motors (standby mode) simply depress thumbstick for 2 seconds.

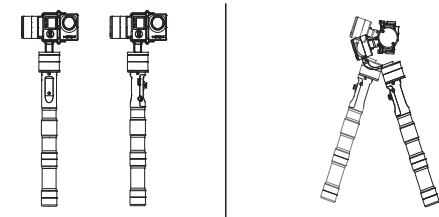
OPERATING MODES

Heading Follow Mode - 1 Click



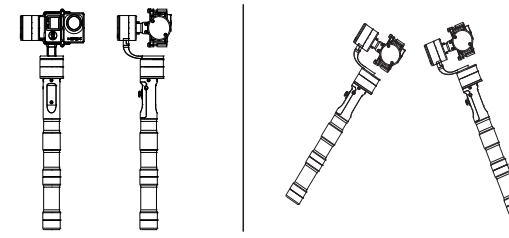
Pitch & Roll axis are locked. Pan axis rotates smoothly with turn of wrist. Use thumbstick up and down to control tilt of camera.

Heading Lock Mode - 1 Click



Pitch, Roll and Pan axis are locked. Use thumbstick up and down to control tilt of camera. Use thumbstick left and right to manually pan camera left/right

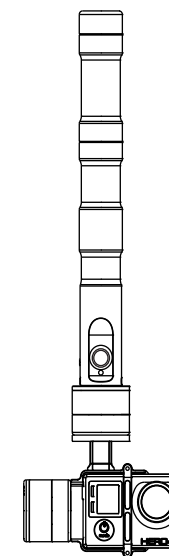
Heading & Pitch Follow Mode - 2 Clicks



Roll axis is locked. Pan and Pitch axis smoothly follow handle. Use thumbstick left and right to adjust the pan angle. Single click thumbstick to exit into previous mode.

Note that upon exiting this mode the camera tilt angle and horizon angle will remain locked in last position.

Inverted Mode



To use gimbal inverted enter into "Heading and Pitch Follow Mode" first. Rotate gimbal 180 degrees front ward until camera is upside down. You can now enter into the other modes with the gimbal inverted.

To return the gimbal upright enter into Heading and Pitch Follow Mode (2 clicks) and rotate gimbal 180 degrees backward until camera is upright. You can now enter into other modes.

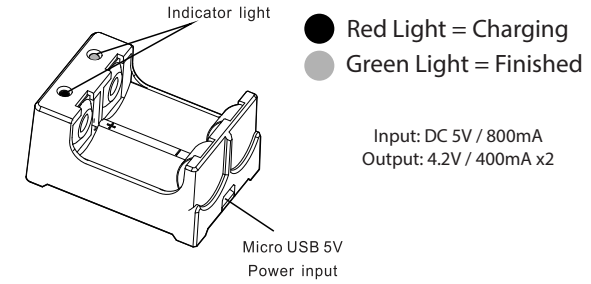
You can optionally mount the camera upside down so you do not have to correct the video in post production.

Filming in upside down mode is typically used for low level shooting.

For additional information and video tutorials on switching between modes and their intended uses please go to EVOGimbals.com

CHARGING BATTERIES

Connect charger to any standard USB outlet or phone charger using the included Micro USB cable. Batteries take approximately 2 to 3 hours to fully charge. Shorter charge times can be achieved using higher mA rating AC/DC adapter.



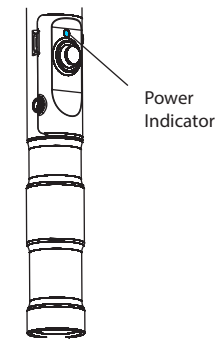
● Red Light = Charging
● Green Light = Finished

Input: DC 5V / 800mA
Output: 4.2V / 400mA x2

ALWAYS use genuine ICR 18650 OEM EVO batteries!

Our batteries have built-in discharge and overcharge protection for long life and safety!

Additional batteries can be purchased from your dealer or EVOGimbals.com



Monitor Battery Power:

4 Flashes = 75-100%
3 Flashes = 50-75%
2 Flashes = 25-50%
Quick Flashes = 0-25%

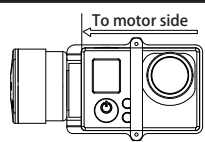
INCLUDED IN THIS BOX

| | |
|-----------------------------|----|
| EVO GP-PRO Gimbal Body | x1 |
| GoPro Mounting Bracket | x2 |
| Thumb Screw M2 5x20mm | x2 |
| Thumb Screw M2 5x10mm | x2 |
| 18650 LiPo Battery | x2 |
| 18650 LiPo Battery Charger | x1 |
| USB Charge Cable | x1 |
| Battery Extension Tube | x1 |
| Quality Control Certificate | x1 |
| QuickStart Guide | x1 |
| Warranty Registration Card | x1 |

Please check that all items are included, if you are missing any items or components please contact your dealer immediately!

This device has been calibrated and tested from the manufacturer. Any disassembly or modification to components will void warranty. For the latest version of user manuals and tutorial videos please visit our official website: www.EVOGimbals.com

IMPORTANT!



ALWAYS INSTALL GOPRO BEFORE APPLYING POWER!

Failure to do so can damage the unit!

EVO Gimbals come with a 1 Year Parts & Labor warranty. Be sure to register your warranty by either mailing in the warranty registration card or register online at EVOGimbals.com/support For the latest user manuals, tutorial videos, firmware and calibration instructions please visit our official webpage at EVOGimbals.com



EVO GP-PRO OVERVIEW

Indicator Light
Power Button
Thumbstick
GoPro Mounting Bracket
Serial Number Printed on Handle
Thumbscrews
USB Port
3.5mm AV Output
18650 LiPo Battery X2
Extension Tube
Battery Cap with 1/4-20 Thread Screw

Note: Be sure to securely mount camera tight to mounting tray. Camera should be tight to tray as close to motor as possible.

GoPro Charging & A/V Output Port Configuration

There are 2 GoPro accessory cables included. The 3 pin cable is for charging, and the 4 pin cable is for both charging and activation of 3.5mm A/V output port so you can connect an external monitor.

Choose the appropriate cable for your application and please note that once the AV cable is plugged into the monitor that your LCD monitor on your GoPro will turn off automatically.
Note: A/V cables are sold separately from your dealer.

PERFORMANCE & SPECIFICATIONS

| | |
|---------------------------------|--|
| Dimensions (mm) | MAX CAMERA DIMENSIONS |
| Height: 42.7mm | Height: 42.7mm |
| Width: 31mm | Width: 31mm |
| Stabilization Accuracy: | ±0.01° |
| Follow Accuracy: | ±0.2° |
| Pan Axis Range: | -135° to +135° |
| Tilt Axis Range: | -90° to +180° (Inverted) |
| Roll Axis Range: | -45° to +45° |
| Tilt Axis Control Speed: | Min 1°/s Max 50°/s |
| Pan Axis Control Speed: | Min 1°/s Max 80°/s |
| Motor Type: | 3x Triple Wound HT Brushless |
| Working Current Static Current: | 6.8 mA (at 6.8 VDC) |
| Dynamic Current: | 120mA (at 8.4 VDC) |
| Max Motor Current: | 2A maximum (at 12.6 VDC) |
| Sensors: | IMU module, HD Encoders |
| Batteries: | ICR 18650, 2000mAh x2 (included) |
| Operating Temperature: | -5 to 122°F / -15 to 50°C |
| Weight: | 0.75 lbs / 310g (unloaded) |
| Supported Cameras: | GoPro Hero 3/HERO 3+/HERO 4 (Garmin Virb XE requires counter weight) |