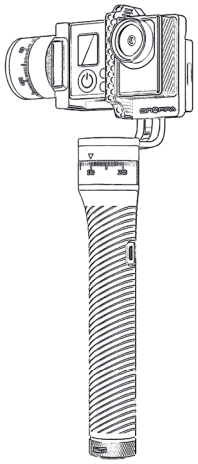
Snoppa Go

User Guide

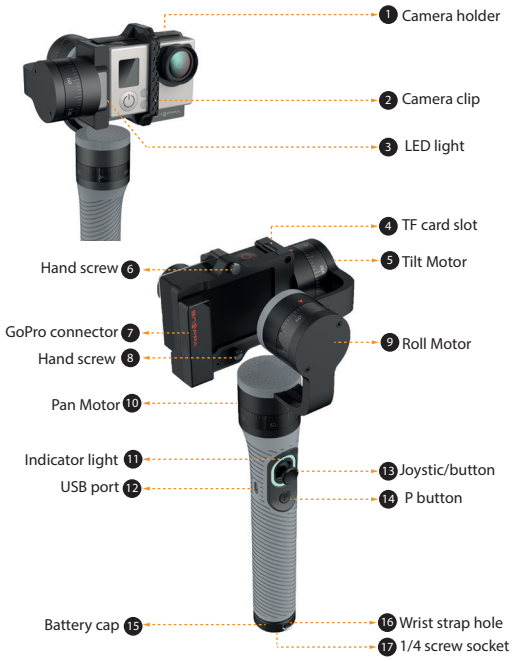
V 2.1
June. 2016



Handheld 3-Axis Camera Gimbal Stabilizer

specially designed for GoPro Hero 3/ 3+ / 4
compatible with other cameras of similar size & shape

Product diagram



Working mode

Pan Track

Default working mode when power on.

Indicator light is green and roll is locked. Move the joystick up and down to tilt the camera, and move the gimbal handle left or right to pan the camera.

Joystick is pressure speed sensitive. The harder you move the joystick, the faster the camera rotates.

Head Lock

Indicator light is red and roll is locked.
Move the joystick vertically to tilt the camera and move the joystick horizontally to pan the camera.

Camera tilt and pan cannot be controlled by the gimbal handle movement in this mode.

Joystick is pressure speed sensitive. The harder you move the joystick, the faster the camera rotates.

Omni Track & Underslung

Indicator light is yellow and roll is locked.

Pan and tilt the camera by moving the gimbal handle.

When holding the handle upside down, the camera is able to shoot from a lower position.

Moving joystick vertically is enabled to tilt the camera for reaching a proper shooting angle.

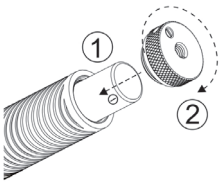
Acknowledge

Thank you for choosing Snoppa Go Handheld 3-Axis Camera Gimbal Stabilizer, which is specially designed for GoPro Hero 3 / 3+ /4, and is compatible with other cameras of similar size and shape.

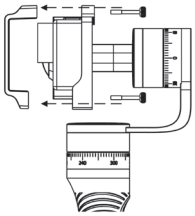
With Snoppa's independently developed 3-axis stabilizing algorithm technology, the gimbal can effectively compensate for natural arm shake, real-time balance the camera, and keep smooth transition. Shooting with this tool you can easily get a smooth and stabilized footage even with single hand.

This publication gives you the information required to safely operate the equipment. It is recommended to read this literature before using the gimbal for the first time.

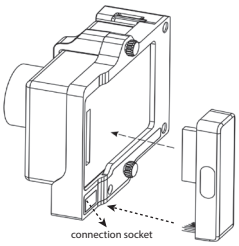
Preparing the product



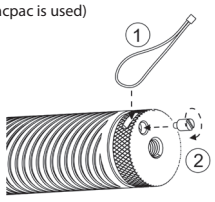
1. Load Battery
Load one battery and screw up the battery cap.



2. Mount camera
Insert the camera into the camera holder, and fix the camera clip with two provided hand screws. (choose the provided long hand screw instead if a LCD Touch Bacpac is used)



3. GoPro connector
Only for GoPro Hero 4 camera, insert the provided GoPro connector into connection socket on the gimbal camera holder.



4. Fix wrist strap (option)
Insert the end of the wrist strap into the battery cap hole, and screw in the tiny screw.

Charging instruction

The provided Li-Po battery can power the gimbal for about 4 hours. *(Duration may vary due to different working conditions and battery cycle times)*

Using the USB cable to charge the gimbal through the micro USB port beside the joystick, with 5 Volt & at least 1.0 Amp. power input.
The indicator light on the gimbal will glow red, and will turn green when charging is completed.

When the gimbal is powered off, the battery will be charged.

When the gimbal is powered on, the charger will only supply working power, but will not charge the battery.

Charging

Finish charging

⚠ WARNING

1. Don't heat or refit battery.
2. Don't drop or strike battery.
3. Don't put the battery and other metallic things together in case short-circuited.
4. Take out the battery if you don't need to use for a long time.

Package content

Check that all the following items are in the package. If some items are missing, please contact Snoppa Technology company or local dealer.

	Handheld 3-axis camera gimbal stabilizer (camera is not included)	x 1
	GoPro Connector	x 1
	USB cable	x 1
	18650 Li-Po battery (3400mAh)	x 1
	Short hand screw	x 2
	Long hand screw (for LCD Touch Backpac)	x 2
Manual	Snoppa Go User Guide	x 1

Operation guide

Power Switch

Turn on: short press P + Press & hold P for 1.5 seconds
Turn off: press & hold P for 1.5 seconds

⚠ *while starting up, be sure to hold the gimbal steady*

Sleep/wakeup: short press P button

If using GoPro Hero 4 camera with the provided GoPro connector:

When press P button and make the gimbal sleep, camera will stop recording; when press P again to wake up gimbal, camera will start to record again.

When switch off the gimbal, the camera will stop recording and turn off power automatically.

For this function, please update your GoPro Hero4 firmware to the latest version (V03.00.00) by "GoPro studio" App.

Working Mode Switch

Single press joystick button to switch between three working modes:
1. **Pan Track** 2. **Head Lock** 3. **Omni Track & Underslung**

LED Light

When shooting in a dark environment, the built-in LED light can enhance the lightness nearby and help to improve the image quality.
Turn on/off light: Press and hold joystick button for 1.5 seconds.

Indicator light

Power check

When the gimbal is off, press P button to see the color of indicator light which is showing the battery status as above.
or
When the gimbal is in sleep status, the color of indicator light is showing the battery status as above.

When the gimbal is in working status, if the battery is quite low, the indicator light will blink red slowly as a warning.

Gimbal Status	Indicator light	Working mode/Status
power on	Solid green	Pan Track mode
	Solid red	Head Lock mode
	Solid yellow	Omni Track & Underslung mode
	Blink red slowly	Low battery warning
power off or sleep	Blink green quickly	Battery above 75%
	Blink yellow quickly	Battery between 25%-75%
	Blink red quickly	Battery below 25%
charging	Solid red	Battery charging
	Solid green	Battery fully charged

Gimbal calibration

As the built-in gyro sensor is temperature sensitive, which sometimes causes the gimbal camera unbalanced. Calibration is needed if the gimbal camera is not horizontal after starting up.

Calibration steps:

1. Turn on the gimbal and press the P button to enter the sleep mode.

2. Lay down the gimbal on a table and keep it still, press P button quickly for 4 times, the gimbal will sound " Di Di" and start the auto calibration process immediately.

3. After about 8 seconds,
if the calibration succeed, the gimbal will sound " Di Di Di", then will be turned off automatically.

if the calibration fails, the gimbal will sound "Di—, Di—, Di—, Di—, Di— ", and retrieve the last calibration result.

Other extended features

Built-in 2.4G wireless module
There's a built-in 2.4G wireless module, which enables wireless remote control by optional accessory " Snoppa Handle".

TF card slot
There's a spare TF card storage slot on the top of the gimbal camera holder, which can store your spare tiny TF card temporarily in case it lost.

Disclaimer

Snoppa Go is a kind of shooting stabilizer, and it's forbidden to use for any illegal purpose. The user is responsible for all the behavior of purchase and use of the product.
We will not provide service to products purchased via non-authorized channels and dealers, and our company reserve the right to revise the content of user's manual without any notice.
The content of this manual may be modified in later version due to firmware update in the future.
Please visit our website to get more info and download the latest version of user guide and firmware when needed.

Miscellaneous

Supply power to GoPro Hero 3/3+/4

It would be troublesome if the battery of GoPro runs out unexpectedly. Snoppa Go is able to supply power to GoPro Hero camera, and this function needs to be activated manually:

1. Make sure the provided GoPro connector is connected.
2. Press P button quickly for 3 times, the gimbal will sound "Di, Di, Di", and the power supply to GoPro is turned on.


GoPro connector

Turn off power supply: press P button quickly for 3 times again, the gimbal will sound "Di—, Di—", or directly turn off the gimbal.

P.S: GoPro consumes lots of battery, thus battery life of Snoppa Go will be reduced, if power supply is activated to GoPro.
It is recommended to be activated only under urgent circumstances.

Firmware upgrade

For keeping the best using experience, please keep firmware up to date.

The upgrade operation can be easily performed by connecting the gimbal to a pc through micro USB cable. Please visit website "www.snoppa.com" to download the latest version of firmware and get more info on how to upgrade.

Gimbal vibration

It's a normal phenomenon that the gimbal will vibrate if there's no counterweight (camera) mounted.
When you mount the camera into the camera holder on the gimbal, the vibration will go off.

Specifications

Item	Specs	Memo
Charging input voltage	4.5v ~ 5.5V	----
Charging input current	1.0A	----
Tilt axis mechanical movement range	330°	----
Roll axis mechanical movement range	76°	----
Pan axis mechanical movement range	120°	Handhold horizontally
Pan axis mechanical movement range	330°	Handhold vertically
Working temperature	-10℃ ~ 60℃	----
Battery model	18650	Li-Po
Battery capacity	3400mA	----
Weight	295g	Exclude battery and camera
Length	256mm	Placed horizontally
Width	96mm	Placed horizontally
Height	85mm	Placed horizontally

Other related products

Snoppa HANDLE

wireless remote control for Snoppa gimbal stabilizer series

Snoppa CAVALRY

the vehicle-mounted gimbal stabilizer

More gimbal related products and accessories will be released one after another soon.....

Please visit our website for more products and accessories.

Safety information

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BETTERIES ACCORDING TO THE INSTRUCTIONS

1. Don't use the gimbal near chemical plant, gas station or explosive materials.

2. Don't dismantle or refit gimbal without permission.

3. Don't place Gimbal into moisture or in water.

4. Don't place Gimbal where children can reach.

5.Take notice of surroundings when using in order to avoid accident.

6. Don't put any heavy things on the gimbal.

Failure analysis

Failure	Possible issue	Solution
Failure to switch on power	Battery run out	Change a new battery or charge the gimbal
	Battery is reversely loaded	Load battery with correct direction
	Bottom battery cap is loose	Screw up the battery cap
	Hardware error	Contact dealer or manufacturer
Failure to function properly after starting up	Gimbal is in a shaking status when starting up	Keep gimbal still and switch on power again
Gimbal vibrates after starting up	No camera mounted	Mount a camera as a counterweight
	The gravity center of the camera is quite different from the gimbal system, and doesn't match the current firmware.	Contact dealer or manufacturer
	Motor is damaged	Contact dealer or manufacturer
Camera is not horizontal after gimbal starting up	Calibration is needed for the Gyro sensor	Do off-line calibration according to the manual
Automatically power off during working	Battery is too low	Charge the battery
Failure to keep balance anymore	External force may cause damage to the internal component	Contact dealer or manufacturer

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If you have any question about this document, please send to support@snoppa.com