

GIMPOD X1

USER MANUAL

3-AXIS GIMBAL



SHARE YOUR VISION

Thank you for choosing a PNJ product. This manual describes how to prepare and use your product. It's also providing information about the utilization and safety precautions, the regulations, compliance and technical specifications of the device. Please read completely, carefully and regularly before use, become familiar with all the features of the device and ensure safety use of your gimbal to enjoy fully with it. Keep this manual for future use. The manual is also available on our website www.pnj.fr under the heading «User manuals».

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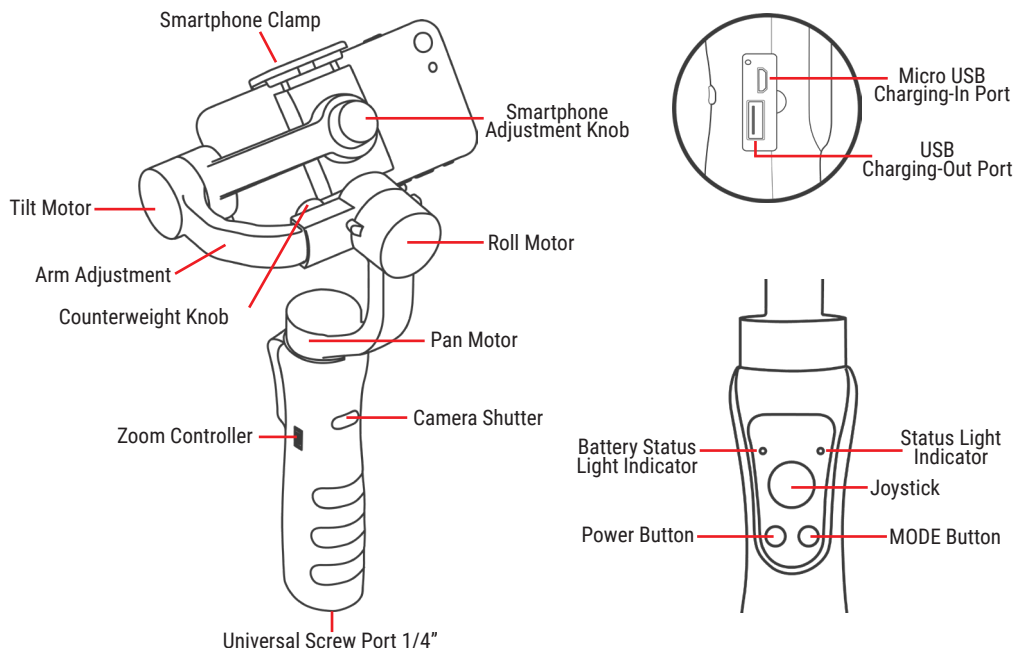
Please read the operation manual carefully before using the product.

The english User Manual can be downloaded on our website: www.pnj.fr/en/user-manuals/

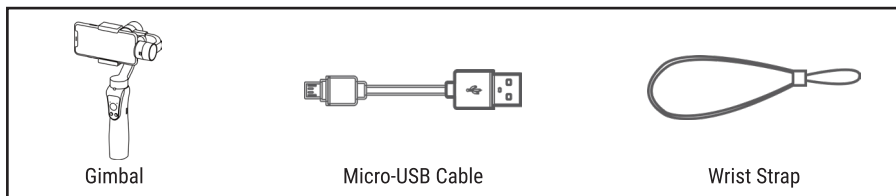
- Do not turn on the gimbal without inserting a smartphone or an action camera.
- Do not put the gimbal near flammable materials or hot surfaces.
- Do not leave the battery unattended during charging.
- Always keep the application up-to-date.
- Always use the included USB charging cable only.
- By owning, charging or using the LiPo battery, you assume all risks associated with the use of lithium batteries.
- Always keep out of reach of children. - Never leave the battery unattended while charging.
- Use only the USB charger provided in the pack. Never use a Ni-Cd or Ni-Mh charger.
- Before charging the battery, check that it is not damaged. Check that the battery has not swollen or that the battery compartment is not punctured. If you notice any of these situations: DO NOT CHARGE THE BATTERY!
- If you notice that the battery starts to swell during charging, disconnect the battery immediately and do not use it again. Continued use of an inflated or deteriorated battery may cause an explosion.
- Make sure that the output voltage of the charger matches the battery voltage. Do not charge at a higher current than recommended. Use only the charger provided in the pack. Max input: 5V/1A
- Disconnect the battery from the charger if it becomes too hot (Never exceed 49 ° C / 120 ° F) or swells. If the battery becomes hot, disconnect the charger immediately.
- Charge only on non-flammable surfaces. Never charge inside a vehicle!
- Do not expose the battery to any source of heat or high temperature.
- Never put the battery in contact with water or immerse it in any other liquid.
- Improper use of the battery may cause fire, explosion or other hazards.
- In case of fire caused by the battery, do not use water to extinguish the fire (sand is recommended).
- Do not carry unwrapped batteries in your pocket or bag, as the shock of the batteries against each other could cause a short circuit.
- Be sure to use this product in a safe and responsible manner to avoid personal injury and / or property damage.
- Make sure that your use is in accordance with the legal provisions of the country where you are located.

PRODUCT OVERVIEW

1. Parts of the Gimbal



2. Included in the pack



3. Optional Accessories

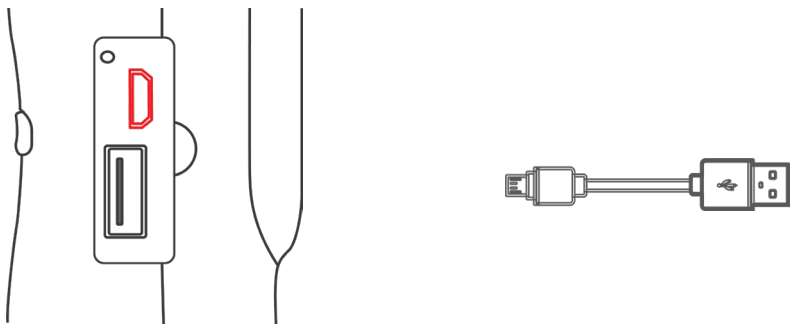
Travel Bag
Storage Bag
GoPro® Action Camera Holder
Tripod
Selfie Stick

Discover all optional accessories on www.PNJ.fr

OPERATIONAL GUIDE

1. Gimbal Charging

Charging the gimbal before the first use is very important. Please charge the gimbal for 5 hours until the battery is fully charged.



To charge the gimbal, connecting the Micro USB to any standard USB outlet or smart-phone charger. The battery will stop charging when it is fully charged.

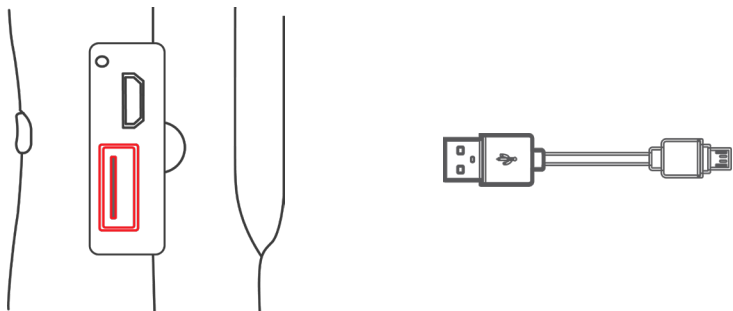
2. Battery LED Light Indicator

Charging	Blinking Blue LED Light
Fully charged	Steady Blue LED Light

Tips: To extend the usage of the gimbal, you can connect it to a powerbank for continuous usage.

3. Smartphone Charging

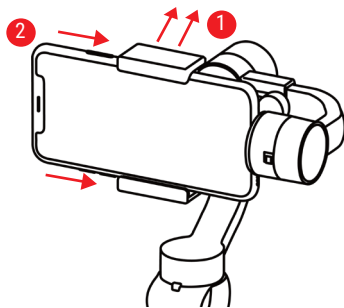
You can also use the gimbal as a powerbank by charging your smartphone directly on the gimbal's USB Charging-Out Port.



4. Insert your Smartphone

Mounting the smartphone to the gimbal:

1. Pull the smartphone clamp out
2. Place your smartphone in the mounting clip and slide all the way to the right until it touches the Tilt Motor



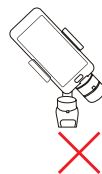
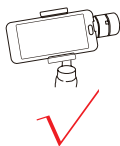
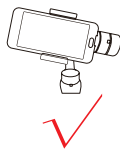
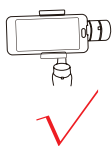
Notes: - Always mount your smartphone / action camera before turning the gimbal on.
- Turning the gimbal on before mounting a smartphone can damage the gimbal.

5. Adjusting the Balance

You have to make sure that your smartphone is in a balance position.

To Adjust Balance:

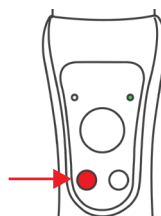
1. Tilt the gimbal 70 degrees to the left and right to check if the weight is equal on both sides.
2. If the gimbal is not balanced, unscrew the Counterweight Knob and adjust the length of the arm until the gimbal is well balanced and tighten the Counterweight Knob again.



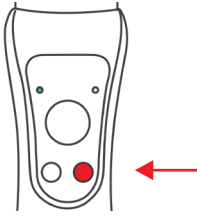
6. Power On / Off

To Power On: After placing the smartphone on the gimbal. Press the Power Button and hold until the Status Light Indicator blinks green.

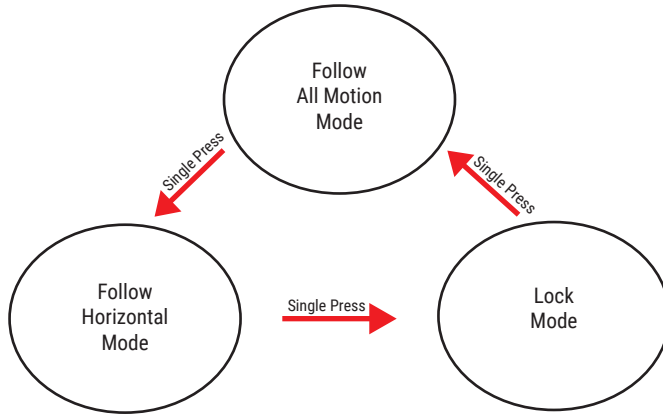
To Power Off: Press and hold the Power Button until the Status Light Indicator is off.



7. Modes of the Gimbal

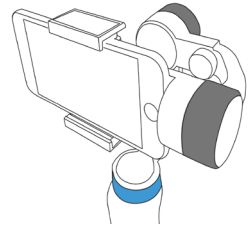


You can change the Mode of the gimbal by clicking the MODE Button. The Mode of the gimbal will change every time you click the button. If you double click the MODE Button the gimbal will return to its initial position.



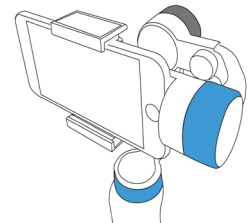
Follow Horizontal Mode

The Tilt & Roll motions are locked while the Pan motion can move normally. The gimbal will follow only the horizontal movements of the handle.



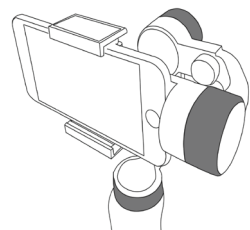
Follow All Motion Mode

All movements of the handle will follow the Tilt motion and Pan motion. Roll motion stay locked.



Lock Mode

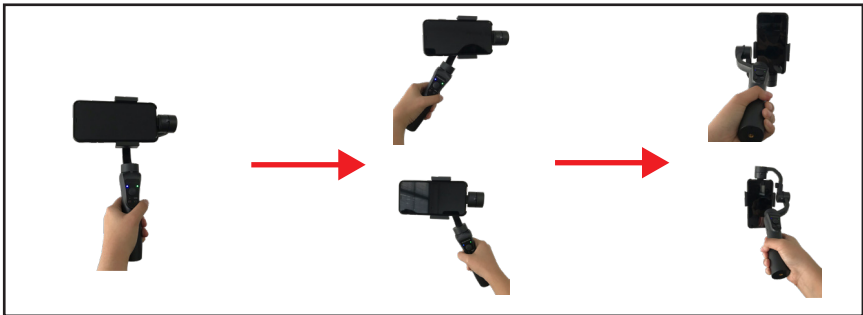
All motions are locked. The gimbal will not follow the movements of the handle.



8. Status Light Indicator

Blue LED Light	The Gimbal is under pairing and configuring mode.
Green LED Light	The Gimbal is ready to use.
Steady Red LED Light	The Gimbal's battery is low and will turn off.
Blinking Red LED Light	The Gimbal exceeds the payload capacity and will turn off.
Yellow LED Light	The Gimbal found an error and restart.

9. Portrait and Landscape Modes



You can use your gimbal both in landscape and portrait mode. There are 2 ways to switch from landscape to portrait. A manual way, and an automatic way.

1) **Automatic:** Tilt the gimbal to the left by 70°, the gimbal will switch to portrait mode but you will have to hold the gimbal horizontally. (cf. above figure)

2) **Manual:** Unscrew the smartphone adjustment knob and flip the phone clamp. Then tighten the knob

APPLICATION

1. Download the Application

Your gimbal works with the **PNJ GIMBAL** application. It is available for both Google Play and Apple App Store. You can search the Play Store or the App Store for the **PNJ GIMBAL** application.

2. Pairing

After the **PNJ GIMBAL** application is installed on your smartphone, place your smartphone on the gimbal and turn the gimbal on. DO NOT turn on the gimbal without a smartphone or a camera mounted on it:

- 1. Turn on the bluetooth on you smartphone.
- 2. Open the **PNJ GIMBAL** application and press "Search Device".
- 3. Click on the gimbal name to start pairing.
- 4. Once the pairing is done, the bluetooth status indicator will turn blue.

3. PNJ Gimbal Application



A. **Video / Photo Switch Mode** - allows users to switch to video or photo mode.

B. **Focus Button** - allows users to set the focus to face recognition or object tracking.

C. **Bluetooth Status Indicator** - shows if the gimbal is connected to the phone.

D. **Home Button** - to go back to the PNJ GIMBAL homescreen.

E. **Camera Settings Button** - allows users to adjust the Photo Resolution, Flash, Beautify Mode, Grid, and White Balance.

F. **Scene Button** - allows users to select mode of the gimbal from the smartphone. Which are:

1. **Scene Settings** - users can change the scene to walk or sport.
2. **Follow All** - it turns on the Follow All Mode.
3. **Follow Horizontal** - it turns on the Follow Horizontal Mode.
4. **Lock All** - it turns on the Lock All Mode.

G. **Gimbal Settings:**

1. **Gimbal** - allows the setting of the joystick (directions and speeds) and the calibration.
2. **General** - allows users to check device name and information.

H. **Mode Indicator** - shows the mode of the gimbal.

I. **Gimbal Battery Life Indicator** - shows the battery of the gimbal.

J. **Smartphone Battery Life Indicator** - shows the battery of your smartphone.

K. **Flash Status Indicator** - shows if the flash is On or Off

L. **Gallery Button** - users can view the pictures and videos here.

M. **Camera Switch Button** - switches camera to rear or front.

- switching camera can also be done by double clicking the On / Off Button of the gimbal.

N. **Capture Button** - to takes a pictures or videos.

O. **Timer and Panorama Settings** - allows users to set timer and select panorama degree.

MAINTENANCE

Maintenance can only be carried out by the After Sales Service of the warehouse or distributor. If you have a problem with your gimbal, please contact us directly. It is not recommended to change the engine or the motherboard on your own. Use only accessories specified by the manufacturer.

In order to properly maintain your GIMPOD X1, make sure that you store your gimbal properly, that you keep the application up-to-date and that you calibrate it often.

1. HOW TO STORE YOUR GIMBAL

Do not charge the gimbal when the temperature of the gimbal is too high. The temperature should be below 40°C.

If you don't use the gimbal for a long time, charge it well before storing it, otherwise the battery life will slowly decrease.

Store the gimbal away from sunlight and moisture, at ambient temperature.

2. KEEP THE APPLICATION UP-TO-DATE

Update your phone application PNJ GIMBAL as often as possible to enjoy all the features of your gimbal.

The application PNJ GIMBAL is available on Google Play Store or on the App Store.

Once a new version is released you will be notified when opening your application.

3. CALIBRATE YOUR GIMBAL

It is important that you calibrate your gimbal as often as possible. There are 2 ways to calibrate your gimbal: Automatically and Manually.

Open your PNJ GIMBAL application, click "Enter Camera" then click on the gear icon to access settings. Then select "Gimbal" and scroll down to the bottom of the screen for Calibration options.

You will see 2 calibration methods:

1. Fine-tune the level - to fine-tune the horizontal level of your phone manually.
2. IMU Calibration - to automatically calibrate the gimbal

To start the calibration, click on "Start Calibration" and follow the instructions.

TECHNICAL SPECIFICATIONS

Compatibility	Smartphone up to 6.5" GoPro® 3/4/5/6
Gimbal Weight	492g
Max. Weight Capacity	75 - 200g
Battery Capacity	4000 mAh
Battery Life	9 - 12 Hours
Charging Time	4 - 5 Hours
Power Output Voltage	5V
Power Output Current	1A
Max. Tilting Range	325°
Max. Rolling Range	160°
Max. Panning Range	330°

WARRANTY

This product is warranted for a period of 24 months from the date of original purchase by the consumer, except for certain wear parts, against manufacturing defects, upon presentation of proof of purchase (receipt with date, place of purchase, name of the product).

During the contractual warranty period, the defective product must be returned in its original packaging to the retailer's service center or to the www.pnj.fr website, depending on the place of purchase. After inspection of the product, the after-sales service will repair or replace the defective part or product, to the exclusion of any other compensation, if the product has been used correctly.

The warranty does not cover:

- The battery charger when connected to a wall power supply (voltage too high).
- Products that have undergone unauthorized alterations, modifications, customizations or other assembly.
- Damage resulting from accidents, normal wear and tear, contact with liquid (rain, water, etc.).
- Defects due to alteration or deterioration of the product caused by a fall, accidental shock or immersion, voluntary or involuntary.
- Defects due to abnormal use of the product, installation of spare parts not in accordance with instructions in this manual or at www.pnj.fr.
- Damage resulting from a repair performed by the user themselves or an unauthorized third party, excluding exchange of spare parts provided by PNJ.
- Defects caused by parts not supplied by PNJ, including a battery not approved by PNJ. All products found to be defective after analysis will be returned to the shipper at their expense.

The spare parts necessary for the use of the product are available for 12 months, from the date of first commercialization of the product. Wear parts: Battery: 6 months / ESC: 6 months / Engines: 6 months

RECYCLING



These symbols indicate that this product should not be disposed of with other household waste. Selective collection of electrical and electronic waste: Electrical products should not be disposed of with household products. According to the European Directive 2012/19 / EC for the disposal of electrical and electronic equipment and its execution in national law, used electrical products must be collected separately and arranged at collection points provided for this purpose. Consult local authorities or your dealer for recycling advice.

DECLARATION OF CONFORMITY



SAS PNJ, 110, Esplanade du Général de Gaulle 92400 Courbevoie, France, declares under its sole responsibility that the product described in this manual complies with the requirements of the RED 2014/53/EU et RoHS 2011/65/EU.

Reference: STA-GIMPODX1
Batch: 190000402

A copy of the Declaration of Conformity is available at the following address:
www.pnj.fr/certifications

Date: 15/03/2019

Christian Pouthier, directeur produits SAS PNJ



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