

ALLROAD

User manual

English



4K
Ultra HD

4k 25fps / 1080p 60fps
720p 90fps



Wifi Function



Wide angle



Photo
resolution:
8m

PNJ

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 feature of the device and ensure safety use of your drone to fully enjoy 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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1.ATTENTION / WARNING / WAARSCHUWING

FR

Veillez lire ce mode d'emploi entièrement et attentivement avant toute utilisation. Retrouvez le manuel mis à jour sur notre site web dans la rubrique "Mode d'emplois": www.pnj.fr/modes-demploi/

ATTENTION: Toutes les précautions d'utilisation concernant les batteries doivent être suivies rigoureusement. Une mauvaise manipulation de la batterie peut provoquer un incendie, une explosion, des blessures personnelles ou des dégâts matériels.

EN

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/

WARNING : Batteries are dangerous, please follow the instructions to avoid injuries or damages.

NL

Lees de instructies in de bedieningshandleiding zorgvuldig door voordat u onze producten gebruikt

De bedieningshandleiding kunt u downloaden vanaf onze website: www.pnj.fr/en/user-manuals/

WAARSCHUWING : Bateria's zijn gevaarlijk, het niet opvolgen van de gebruikshandleiding kan blessures en schade veroorzaken.

2.BATTERY

- By owning, charging or using the Li-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.
- Never leave the battery charged for more than 1 hour.
- Use only the USB charger provided in the pack. Never use a non-adaptable 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!**
- A used battery must be removed from the unit and replaced.
- 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.
- 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.
- Store the battery in a dry place at room temperature.



3.PRECAUTION OF USE

When using your drone, be sure to observe the following precautions:

- Not suitable for persons under 3 years of age.
- Caution: risk of ingestion of small parts.
- 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.
- Avoid contact with sand, dust, water, liquid substances or heat, it could cause irreversible damage.
- Not suitable for people with epilepsy.
- Observe the safety instructions in this manual.
- Use only the accessories supplied by PNJ.
- Before each utilization, check that the batteries are fully charged.

4.WARNING

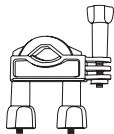
The law required to use this action cam in prudent and responsible manners to avoid all human or material damage. In case for unauthorized use or for illicit purposes, you will be fully responsible for any damage causes. Be sure to respect laws, without violating the privacy of other people. PNJ assumes no responsibility in case of damage resulting directly or indirectly from the use of this device, any parts of this device or the manual. PNJ is not responsible for any accident, injury, death, loss or other claim of any kind related or resulting the use of this product.

5.DOWNLOAD THE APP

Scan the QR code bellow, to have the access to our website www.pnj.fr and download the application for free. You can also search "Allroad App" in Google Play Store or Apple Store to download the application for being able to control the action cam in distance via your smartphone.



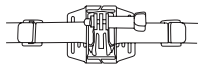
6. INCLUDED IN THE PACK



Pole mount



Mount



Helmet mount



Quick release



Helmet pedestal



Switch support



Fixation screw



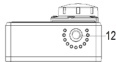
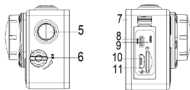
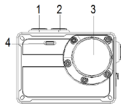
Extension support



USB Cable

7. CAMERA PARTS NAME

1. Power/ Shutter/ Ok button
2. Mode button
3. Lens
4. Working/ Charging indicator light
5. Wifi/ Down button
6. Voice cover
7. LCD Screen
8. HDMI jack
9. Reset
10. USB jack
11. TF Card slot
12. Tripod slot



8.SPECIFICATIONS

Image Sensor	Sony 8 Mega Pixels CMOS
LCD display	2.0", 960*240 TFT
Resolution	Image: 2M/ 5M/ 8M/ 12M/ 16M Video: 720P 30FPS/ 720P 60FPS/ 720P 90FPS/ 1080P 30FPS/ 1080P 60FPS/ 2.7K 30FPS/ 3.2K 30FPS/ 4K 25FPS
Aperture	F2.2, f=2.65mm
Lens feature	6G Wide lens, FOV 130
Focus	1.5m~infinity
White balance	Auto/ Sunny/ Cloudy/ Incandescent light/ Fluorescent light
Exposure	+3.0 EV ~ -3.0 EV in 1.0EV increment
Webcam	Yes (by using a USB cable)

Video out	HDMI
PC interface	Micro USB 2.0
Microphone	Built-in
Speaker	Built-in
Storage	Micro SD card, up to 64GB
Power source	Built-in Li-ion rechargeable battery 1000mAh
Supported O/S	Microsoft Windows XP, Vista, 7 ou Mac 10.5 (Or above)
Dimensions	68 x 49.5 x 37.8mm

9. CAMERA CONFIGURATION

- **Charging the battery**

The camera has an internal lithium battery. Please follow bellow steps to charge the battery when in first use or in low power.

1. Long press the power button to turn off the camera.
2. Open the cover on the side of the camera and find the USB slot.
3. Connect the camera to the computer or a charger through the USB cable for battery charging.
4. When charging, the indicator light will turn red and flicker.
5. Once the charging completed, the indicator light will keep red.

Please unplug the USB cable.

Notice : The camera body may get warmer after using for long time, this is normal.

- **Waterproof camera**

The Allroad camera is waterproof itself. If the cover is well closed, you can use it underwater without a waterproof case. For a better outdoor utilization, we are providing accessories to mount your camera.

- **Inserting the memory card**

This camera is not equipped with an internal memory card. For normal operation, please prepare a TF card (at least class 4) first and follow below steps to insert the card.

1. Turn off the camera
2. Open the cover on the side of the camera and find the TF card slot. Then insert the card in the correct direction. You will hear a "click" sound if the memory card has been inserted into camera successfully.

Notice

1. Must use Class 4(at least) or higher speed rate TF card slot. Then insert the card in correct direction. you will hear a "click" sound if the memory card has been inserted into the camera successfully.
2. Please format the TF card before using. make sure the camera is turned off before inserting or removing the card.
3. Using poor quality or counterfeit memory card will lead to many problems such as crashing, can not taking photo or video, damaging the files and so on. Suggest to use brand memory card for improving the stability of camera. It has higher requirement for TF card when in moving or long-time continuous shooting.
4. It is important to keep TF card clean. Do not adhere any liquid, dust and particles on the surface of card.

10. CAMERA OPERATION

- **Turning On and Off the camera**

1. Press the Power/ Shutter button to turn on the camera.
2. Long press the Power/Shutter button to turn off the camera.

Tips: The working indicator light will turn blue after turning on the camera.

- **System setup**

1. Turn on the action camera.
2. Press Mode button to switch to the setting screen.
3. Press OK button to enter the function setting screen.
4. Then press Mode button to chose the system setting menu screen as below.
5. Press Down button to scan all menu options.
6. Press OK button to chose and confirm the target menu.
7. Press Mode button to switch to icon, the screen will show " Press OK To Exit ".Then press the OK button to exit.

System setup menu list as below:

Menu	Function
Exposure	Set the exposure value to compensate light. Solve the problems of shooting under poor or strong light. Options:-3/ -2/ -1/ 0/ 1/ 2/ 3
White balance	Set the white balance to adapt to different light sources. Options: Auto/ Sunny/ Cloudy/ Incandescent Light/ Fluorescent Light
Image rotation	The content on display screen will be inverted.You can invert the camera to shoot. Press the OK button to select or cancel.
Driving mode	Open/Close the function of driving recorder. Press the OK button to select or cancel.
Wi-Fi	Open/ Close WiFi. Press the OK button to select or cancel.

Light Source Frequency	Set the light source frequency according to your region. Options: Auto/ 50Hz/ 60Hz.
LED Indicator Light	Open/Close the LED indicator light. Press the OK button to select or cancel.
Screensaver	Options : Close/ 10s/ 20s/ 30s.
Auto Shutdown	For saving power, the camera will close automatically after a period of time if not using. Options : Close/ 1 minute/ 3 minutes/ 5 minutes
Time Watermark	The date and time will be on the photos and videos files if this option is chosen. Press the OK button to select or cancel.

- **Changing the mode of camera**

The camera has 4 different modes : capture mode, video mode, sport video mode, playback mode. Press repeatedly the Mode button to select one mode.

	Video Mode	For recording video
	Capture Mode	For taking still photos
	Sport Video Mode	For recording slow motion video.
	Playback Mode	For playing the recorded files.

- **Recording Videos**

1. Turn on the camera, press the Mode button to switch to video mode.
2. Start to record video.
 - Use the LCD screen to view your subject.
 - Press the Shutter button to start recording.
 - The record duration will be shown on the LCD display.
 - If using a low speed card, the video size will be adjusted to 720P automatically.
3. Finish recording.
 - Press the Shutter button again to stop recording.
 - The camera will stop recording automatically once capacity of the memory card is full.

Notice:

1. When recording video, if you want to record voice at the same time, please unscrew the voice cover with a coin. Then you can record voice.

2. When using the camera in the water, please tighten the cover for avoiding water to damage the camera.

Video mode menu list as below:

Menu	Function
Video Resolution	Set the video resolution. Options : 720P 30fps - 720P 60fps - 720P 90fps 1080P 30fps - 1080P 60fps - 2.7K 30fps - 4K 25fps
Recording	Open/Close the sound during recording
Time-lapse	Set the time-lapse recording. Options : 0.5s - 1s - 2s - 5s - 10s - 30s -60s
Slow Motion	Set the slow motion resolution. Options : 1080P 60fps - 720 P 90ps

Loop Recording	Set the time of loop recording. Options: Close / 2minutes / 3minutes / 5minutes .
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- **Taking Still Photos**

1. Turn on the camera, press the Mode button to switch to capture mode.
2. Start to take a still photo.
 - Use the LCD screen to view your subject.
 - Press the Shutter button to take a photo.

Capture mode menu list as below:

Menu	Function
Photo Resolution	Set the size or resolution of still photos. Options : 2M - 5M - 8M - 12M - 16M
Timed	Set timed photographing. Press the shutter button, camera will take a photo after automatic countdown. Options : Fermer - 3s - 5s - 10s - 20s

Auto	Set automatic photographing. Press the shutter button, the camera will take photos continuously after automatic countdown. Options : Close - 3s - 10s - 15s - 20s - 30s
Drama Shot	Set this function to take several photos in one second. Options : former - 3p/s - 5p/s - 10p/s

- **Playback**

1. Turn on the camera, press the Mode button to switch to playback mode.
2. Press the Down button to view photos and videos files .
3. Playback the video
 - Press the Shutter button to start playing the video files.
 - Press the Shutter button again to have a pause.
 - At last, you can press Mode button to exit current video playing.

4. Delete Files

In playback mode, press the Mode button for two seconds. A message box about delete information appears on the screen. You can press Down button and OK button to chose confirmation and delete the current file.

- **Connecting the camera to a PC**

There are two ways to download files from the memory card to a computer:

1. Insert the memory card into a card reader.
2. Connect the camera to a computer through the supplied USB cable.

- **Using a card reader**

1. Take out the memory card from the camera then insert it into a card reader which is connected to a computer.
2. Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the memory card.
3. Copy the files to the chosen directory in the computer.

Connecting camera to a PC via the USB cable

1. Connect camera to a computer through the supplied USB cable, then turn the camera on. The screen will display "USB Mode", "PC Camera", "Charging Mode". Press Down button to choose "USB Mode", then press OK button to enter USB mode.
2. Open [My Computer] or [Windows Explorer]. A "Removable Disk" appears in the drive list. Double-click the "Removable Disk" icon to view its contents. Still photos are stored in the folder named "Photo". Movie Clips are stored in the folder named "Video".
3. Copy the files to the chosen directory in the computer.

- **Connecting the camera to a HDTV**

Connect the camera to a HDTV through the HDMI cable. Turn on the TV and set it to HDMI mode, then turn on the camera. After successful connection, the camera's screen will display on the HDTV. The screen will turn black. Then, press Mode button to enter playback mode and press OK button to view the videos or pictures on the HDTV.

- **How to use the PC camera function**

1. Connect camera to a computer through USB cable.
2. Turn on the camera. Press the Down button to choose "PC Camera Mode". The screen will appear a camera lens icon.
3. In Window XP system, open [My Computer], double click "USB video tool". The camera will work as PC camera. In Window Vista, 7 and 8 system, the PC camera function can only be used for communication software (Skype, QQ etc.)
4. Press the Power button to exit PC camera mode.

- **Wi-Fi Connecting**

Download and install the application "Allroad app" from "Google Play Store" ou "App Store" on your smartphone or tablet. You can operate the action camera remotely. The functions include shooting and setting the camera and preview photos or videos, it will be more convenient to control.

Step 1 : Download the "Allroad App" fom App Store or Google Play Store. Then install it on your smartphone or tablet.

Step 2 : Open the action camera's Wi-Fi. Press Wi-Fi button, Wi-Fi account and password will be shown on the screen.

Step 3 : Connect the action camera's Wi-Fi. Open Wi-Fi search on the smartphone or tablet. Search camera's Wi-Fi account. Input the initial password "1234567890". Then click to connect.

Step 4: After that the connection is successful, open APP "Allroad App" on the smartphone or tablet. You can take photos, record videos, playback files and set the camera on a device.

Step 5: Press Wi-Fi button to exit Wi-Fi.

11.MAINTENANCE

- The battery should be stored in a dry and ventilated area. The storage temperature range is between 18°C and 25°. Avoid to charge and uncharged excessively to extend its life. Ensure to charge it before storing it, if it won't be use for a long period.
- If the action cam won't be use for a long period, be sure to remove the batteries from the compartment. Battery leakage may damage the action cam and may cause a fire. Once used, ensure to throw the batteries according the legal regulations in order to preserve the environment.
- To avoid any problems, we strongly advise you to have the habit to remove the action cam's battery when you are not using it.
- Make sure to store your materials in a dry place, away from water and the heat.
- The maintenance can only be carried out by the After-sell Service from the shop or from the distributor. If you find a problem with your action cam, be sure to call them directly. It's not recommended to change by yourself the lens for example, because its requires technical knowledge.
- Use only the accessories specified by the manufacturer.
- Find out all our products and accessories in our website www.pnj.fr

12.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:

- All damaged or deteriorated as a result of a fall or accident, voluntary or involuntary.
- 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 within 3 meters, 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.

13.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.

14. DECLARATION OF CONFORMITY

CE 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 Directives R&TTE 1999/5/CE et RoHS 2011/65/EU.

A copy of the Declaration of conformity is available in the following website:
www.pnj.fr/certifications



Date: 24/03/2017

Christian Pouthier, product manager SAS PNJ

15. TRADEMARKS

- FR** Les marques citées sont des marques déposées par leur fabricant respectif. Photos et caractéristiques non contractuelles. Garantie : 1 an. Fabriqué en RPC.
- EN** Brands or product names are or may be trademarks of their respective owners. Pictures and specifications are not contractual. 1 year warranted. Made in PRC.
- NL** Vermelde merken zijn gedeponeerde merken door hun respectievelijke producent. Foto's en kenmerken niet contractueel. Geproduceerd in China. Garantie: 1 jaar.
- DE** Die zitierten Marken sind durch die jeweiligen Hersteller eingetragene Marken. Fotos und technische Daten sind unverbindlich. Hergestellt in China. Garantie: 1 Jahr.

16. MODIFICATIONS

The explanations contained in this User Manual are provided for information purposes only and may be subject to modification, without prior notice. SAS PNJ cannot be held responsible directly or indirectly for any prejudice or loss of data resulting from an error or omission from this document. SAS PNJ reserves the right to modify the product and its operating instructions without any restriction or obligation to inform the user. Thus, the purchased product may differ somewhat from the one described in this document. The latest version of the online User Guide prevails over this one. To obtain it, go to: www.pnj.fr

NOTES



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