

Attention

- Please do not use chemicals for wiping the head.
- Please do not spill or paint acidity medicament on the head.
- Please keep the head from high temperature or fire place.
- Please do not strong press or bang the head.

Warning & Disclaimer

- This product is NOT a toy and is not suitable for children under the age of 18. Adults should keep the Aeroeagle out of the reach of children and exercise caution when operating this aircraft in the presence of children.
- This product is a flying quad-copter that offers easy flight under good working order as set forth below. The information in this document affects your safety, your legal rights and responsibilities. Read this entire document carefully to ensure proper configuration before use. Failure to read and follow the instructions and warnings in this document may result in product loss, serious injury to you, or damage to your aircraft.
- By using this product, you hereby signify that you have read this disclaimer carefully and that you understand and agree to abide by the terms and conditions herein. You agree that you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and be in accordance with all applicable laws, rules, and regulations, including international and domestic airspace regulations, and all terms, precautions, practices, policies and guidelines AFI has made and may make available.
- AFI accepts no liability for damage, injury or any legal responsibility incurred directly or indirectly from the use of this product. The user shall observe safe and lawful practices including, but not limited to, those set forth in these Safety Guidelines.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

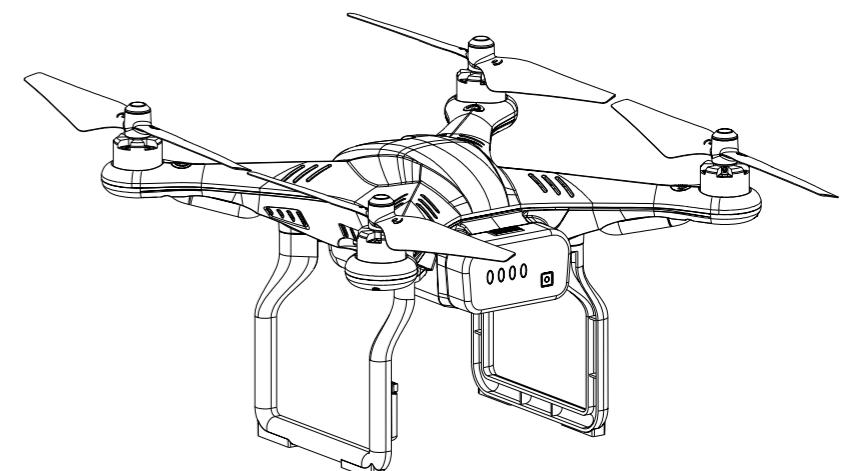
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.



AEROEAGLE

4-Motor Aerial Quadcopter User Manual



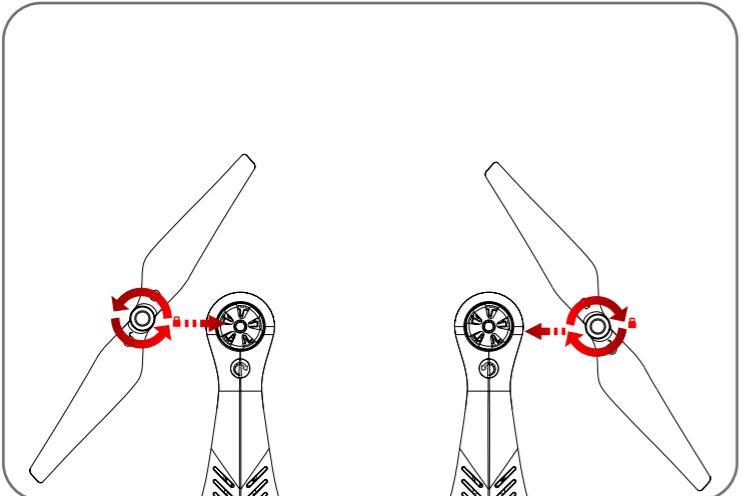
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Welcome to choose AFI product,
Please read this manual carefully before using.

Install The Propellers

Anti-clockwise screw the propellers with black caps onto the pointed motors. Clockwise screw the propellers with grey caps onto the no-pointed motors.



Attention:

Do not use the screw glue when installing the propellers

Remote Controller Preparation

Ensure the switch of SWA and SWC placed on the top position. Install 8 units AA batteries.



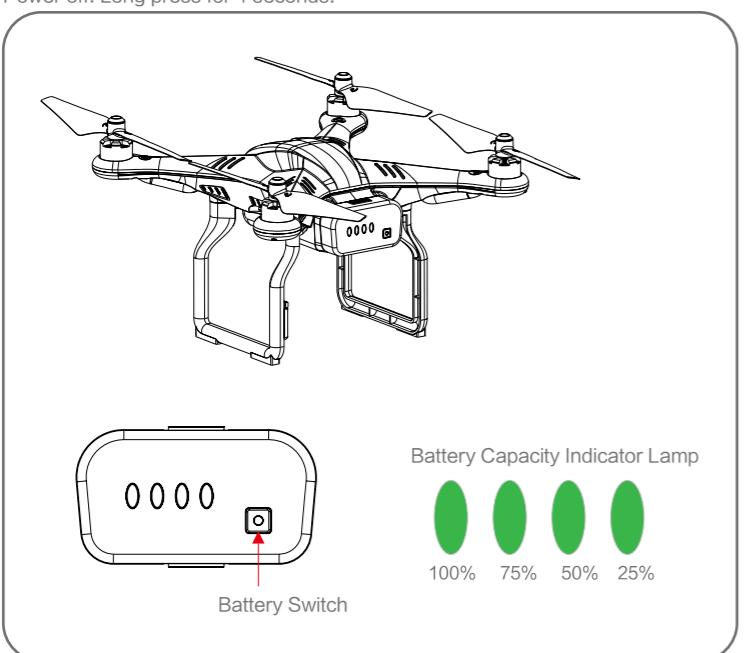
Attention:

If the remote controller starts "BB..." alarms, please exchange the battery.

Battery Preparation

Power on: Short press the button, then long press for 4 seconds

Power off: Long press for 4 seconds.



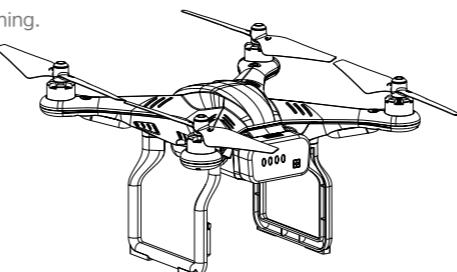
Attention:

When the power is off, short press once to check the battery capacity.

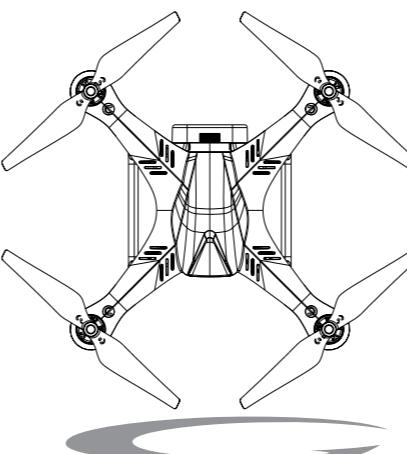
Magnetic Calibration Instruction

Magnetic Calibration Steps:

- ① Power on the quad-copter, place it on the flat ground, switch SWC and SWA both at Gear 1.
- ② Keep the remote controller accelerator at the smallest condition (rockers at the bottom position). Turn SWC from Gear 1 To Gear 3, then back to Gear 1.3 times same operation quickly, keeping the yellow lamp on, horizontal calibration begins, if not, please take the first step to start again.
- ③ Turn the aircraft 2-3 circles slowly with yellow lamp on, if the front lamp turns off, it means the aircraft is not put flat, please lay the aircraft flat before continue turning.



- ④ Keep the remote controller accelerator at the smallest condition (rockers at the bottom position). Turn SWC from Gear 1 To Gear 3, then back to Gear 1.3 times same operation quickly, when the front lamp turns off, vertical calibration begins, if not, please take the first step to restart.
- ⑤ Keep the aircraft front vertically downwards, when the green lamp keeps bright, the vertical calibration begins. Rotate the aircraft 2-3 circles anti-clockwise slowly with green lamp on. When the front lamp turns off, it means that the aircraft front is not towards downwards vertically, please put the aircraft front vertically downwards before continuing rotating.



CAUTION

SWA
Gear 1: Manual Operation
Gear 2: Attitude Mode
Gear 3: GPS Mode

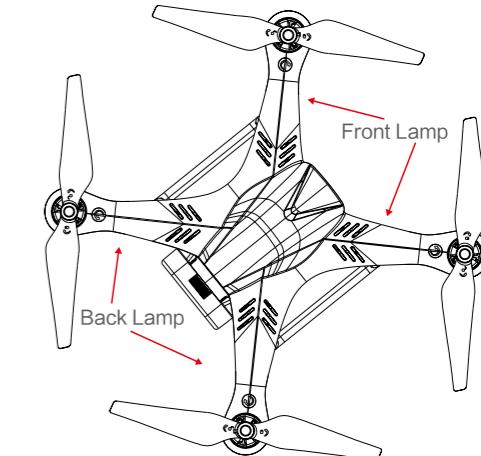
- ⑥ Keep the remote controller accelerator at the smallest condition (rockers at the bottom position). Turn SWC from Gear 1 To Gear 3, then back to Gear 1.3 times same operation quickly, when the green lamp twinkles, the magnetic calibration data storing begins.
- ⑦ Wait for the green lamp twinkle, when the front lamp turns red, magnetic calibration successful; When the front lamp turns red slow twinkle, magnetic calibration error; If the front lamp turns yellow twinkle, magnetic calibration failed. Please restart the magnetic calibration once again.



Attention:

SWA Gear 2--Return home, which can be only shifted to return home when GPS location function is available before the motor unlocked.

LED Flight Indicator Lamp



Back Lamp:

Slow Green Lamp: Safe for flight (with GPS) (flight indicator lamp)
Slow Yellow Lamp: Semi-safe for flight (without GPS) (flight indicator lamp)
Quick Yellow Lamp: Remote controller turn-off (flight indicator lamp)
Quick Red Lamp: Battery low power warning (flight indicator lamp)
Keeping Red Lamp: Return home

Front Lamp:

Quick Yellow Lamp: Need demagnetization
Slow Red Lamp: Magnetic calibration error
Keeping Yellow Lamp: Horizontal calibration (magnetic calibration indicator lamp)
Keeping Green Lamp: Vertical calibration (magnetic calibration indicator lamp)
Quick Green Lamp: Saving the calibration data
Green Lamp Off: Calibration completed
Other Abnormal Conditions: Front and back lamp both under quick red flash
If Calibration Needed: Front and back lamp both under slow red flash

Start Your Trial Flight

Place the quad-copter flat on the ground and make sure the battery power indicator lamp facing you. Turn on the remote controller, then turn on the aircraft battery. As the pic shown, pull outward the bottom-right (↗) rocker to unlock the motor, pull the bottom-left (↖) rocker to lock the motor. Flight starts.



Remote Controller Indicator Light:

1. Red light keeps bright, yellow light turns off: normal operation or battery indication
2. Buzzer keeps flashing: Low voltage
3. Red and yellow light keep flashing at the same time, while buzzer alarms: hardware with fault.

Attention:
Please stop the motor once the aircraft lands. Do not stop the motor during flight. Please carefully review all related necessary flight information and control the attitude when you try the first flight.

Switch the accelerator rocker to bottom-right--Power on the motor
Switch the accelerator rocker to bottom-left--Power off the motor