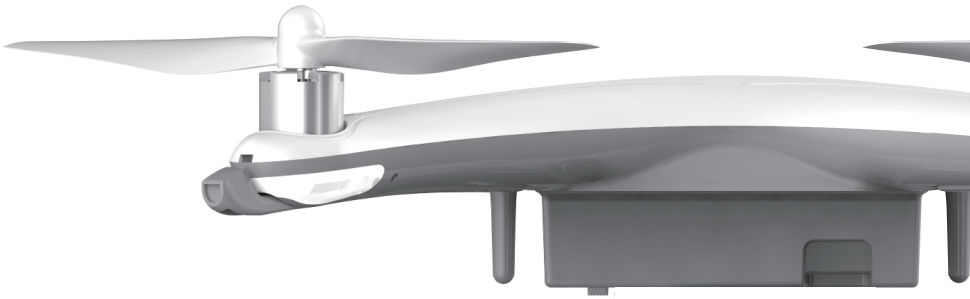
AEE DRONES



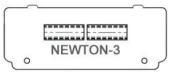
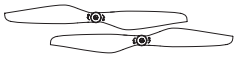
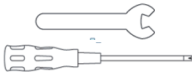
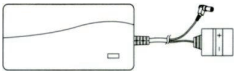
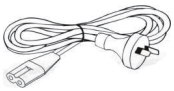
A20S

AEE CONDOR FISHERMAN 1000 METRE MODEL

USER MANUAL

AEE CONDOR A20S FISHERMAN PACKING LIST

Check the items in the package carefully before use, details as below:

No.	Name	Sketch	Quantity	Description
1	UAV		1	
2	UAV Battery		1	Power of the UAV
3	Newton3 Release		1	
4	Release Wire		2	
5	Propeller		1 set	Including 2 propellers with "P" - marked cap and 2 propellers with "P"-unmarked cap
6	Remote Control		1	
7	Toolset		1 set	Including one wrench and one screwdriver for propeller removal
8	Charger		1	100 240V, 50/60Hz Charge the smart battery and remote control
9	Plug Cable (NZ)		1	
10	User's Manual		1 Set	Including the Quick Start Guide for A20S and Warranty Card etc.
11	Bag		1	

AEE CONDOR FISHERMAN 1000 METRE MODEL

The AEE Condor Fisherman is a purpose built fishing drone with onboard NEWTON 3 release mechanism. This drone is fitted with the latest flight control platform and software to ensure drone safety and maximum range during fishing trips.

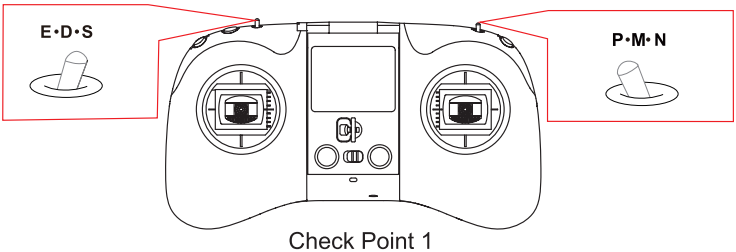
If you follow all the instructions and set a maximum of six baited hooks with no more than 6 ounces of lead weight and fly only in winds less than 15 knots you can expect hundreds of trouble free sets out of your new Condor Fisherman. We highly recommend you use spectra braid line between 50lbs and 80lbs breaking strain.

What's New? - The Condor Fisherman 1000m:

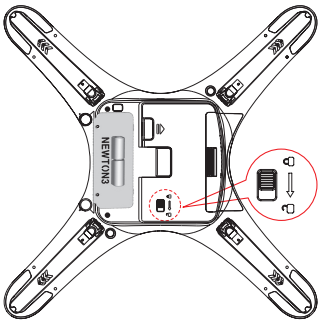
1. Up to1000 metres casting range
2. Low battery warning 30 seconds before low battery auto return home switches on. This allows you 30 seconds to release the weight to complete a set before low battery Auto Return Home then takes over.
3. Increased auto return home flight speed
4. Remaining battery time and drone distance away displayed in large text on remote screen

PRE FLIGHT CHECK BEFORE TAKE OFF

1. Set Right Hand Toggle Switch In "P" Position and Left Hand Toggle In "S" Position. Both point towards center of remote.
2. Check If the Battery Is Inserted into the slot correctly and the latch is fully engaged. Check the battery in the remote and drone have sufficient charge.
3. Install The Propellers Correctly. Left hand and right hand threads must be on correct motors. "P" propellers go to "P' motors and are left hand thread, unmarked props go to unmarked motor bases and are right hand thread.
4. Calibrate The Drone Correctly, (See below).



Check Point 1



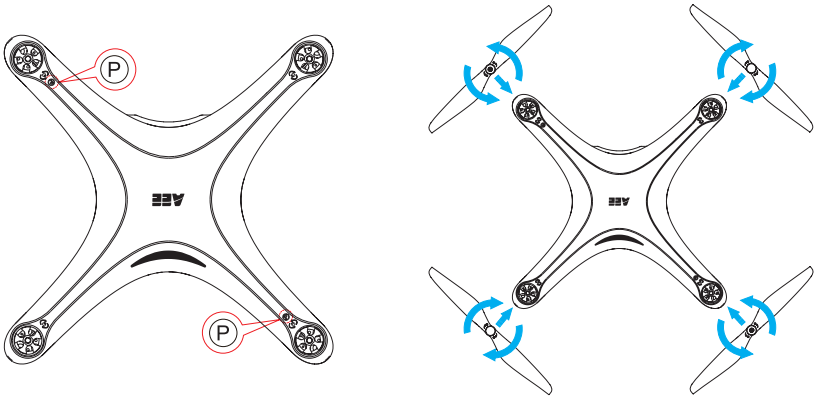
Check Point 2. Insert Battery Correctly

Push the battery into the slot until the highlighted latch blocks the battery.

Pull the latch a little and push the battery forward a little so the battery holds out the latch.

Push the battery in quickly so the latch snaps back into place with a loud click with the latch returned securely into the lock position. Check latch is seated correctly.

Install Propellers



Left hand thread propeller has a mark “P” on the propeller and fastens to motor with a “P” marked on the arm of the drone near the motor. Right hand thread propeller has no marks on the propeller and no marks on the arm of the drone.

- Rotating counter clockwise fastens propellers marked “P”.
- Propellers with no mark are fastened by clockwise rotation.

After a propeller is carefully wound onto the motor, hold the motor while turning the propeller to lightly tighten it finger tight. **Do not cross thread or over tighten the propellers, if you do cross-thread a prop get a new one!**

Setting Up The Drone

When you are flying in a new location or if the drone does not hover steady in the air, you must calibrate the drone. The minimum requirement is to calibrate once per day in each new area before you fish. You should also re-calibrate if the drone behaves erratically at all during the day (very rare). The calibration is remembered by the drone between sets even though the drone and remote are turned off after each set. It is not necessary to calibrate for every set of the day if you stay in roughly the same place.

Turn on the remote by the switch on the topside center of the remote, (this is different from some videos showing older 500 Metre Condor Drones). Put the top edge toggle switches in the correct positions, Left hand switch to “S” Fast Flight, right hand switch to “P” GPS mode.

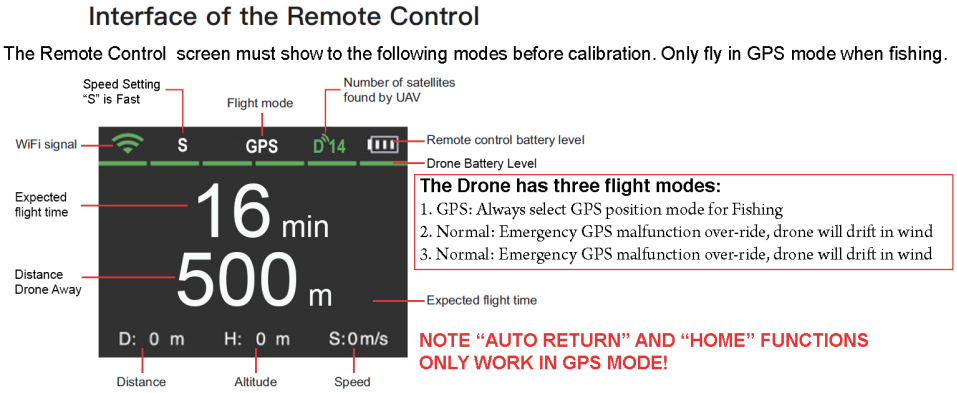
Turn on the power to the drone by activating the button on the battery, one short press, followed by press and hold until the drone goes beep, beep and battery lights stay on.

Wait until the remote shows it is connected to the drone, and the crescent taillight at the top back of the drone becomes solid green.

GPS satellites are acquired during this time and the number of satellites connected show at the top right hand side of the screen after a capital “D”.

You should wait until you have 11 to 15 satellites before you calibrate the drone, the more satellites showing the better. The screen should show as below.

Figure 1. Start-up Screen

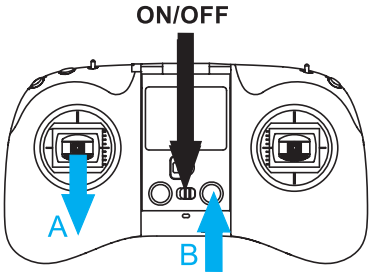


Calibration

For fishing, launching and calibration the two top remote toggle switches MUST be in the correct positions. The drone must be in GPS mode for return home function to work.
Left switch towards remote center marked "S" = Full Speed
Right switch toward remote center marked "P" = GPS mode

Do not calibrate the compass in high-intensity magnetic fields (like magnetic mines, parking lots, building areas with underground reinforce concrete or large-sized steel towers).
※ Do not carry any ferromagnetic objects, like keys, mobile phone, etc., close to the drone or remote while calibrating.

1. Push and hold the left joystick (A) in bottom center position and press the Auto-Return-Home button (B) 10 times or more quickly until the remote screen displays "Compass Calibrate" as shown below. The two tail led lights on the drone will flash slow yellow in calibration mode.

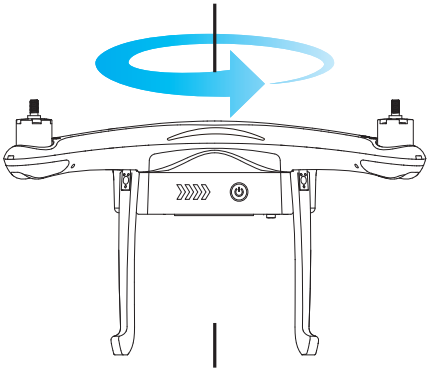


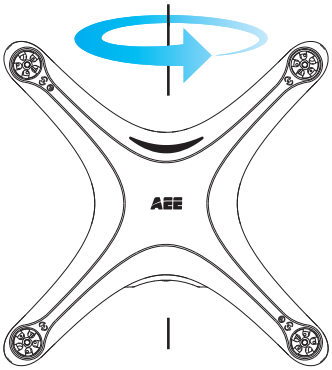
2. Lift the drone in horizontally with the quarter moon shaped curved top light nearest your chin and rotate yourself counter clockwise with the drone held horizontally, rotate continuously for just over 360 degrees until the two bottom tail lights of the drone change from flashing yellow to slow flashing green.

3. Change the drone to a vertical position pointing down with the quarter moon shaped curved top led up and toward you and nearest your chin. Rotate yourself just over 360 degrees counter clockwise until the bottom taillights of the drone change from flashing green to solid green.

4. After the taillights underneath turn solid green the screen of the remote will display the battery time and distance from the remote to drone. You are ready to fly and test return home function. (Read takeoff instructions below first.) The drones height “H” and speed “S” in meters per second are displayed at the bottom of the remote screen.

Calibration (view seen from perspective of person doing the calibrating)





If the calibration is successful the screen will revert to show started up screen two diagrams above in Figure (1) Start-up Screen. You are ready to fly.

Drone Flying Controls

The left hand controller lever controls up, (press lever forward), Down, (pull lever back), Rotate Anti-clockwise, move lever left; Rotate Clockwise, move lever right.
The right hand lever controls forward, (press lever forward), backward, (pull lever backwards).
The right hand lever also controls drift left and right, (move right lever left or right for left or right flight).

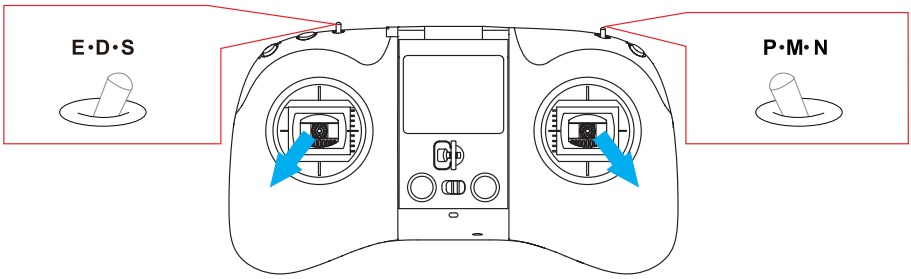
When you press forward the drone goes forward and opposite the direction of the green taillights. Ensure the green taillights are pointing at the remote to keep drone remote control aligned with the remote. Use the left hand control lever to align the drone with the remote and refine your setting angle at height before you commence setting. When setting only use the right hand control lever so you don't spin the drone out of line and get confused. Forward will always be forward from when you are standing aligned with the set if the green taillights are closest to you. Test this in a park before you fish.

Takeoff and Flight Instructions

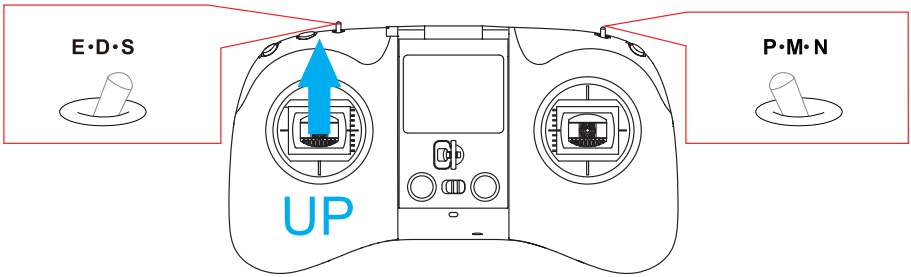
After you have calibrated the drone you are ready to test fly. Only fly in a large clear flat area like a park or field well away from houses, trees, power lines and any other obstacles. To start the drone idling after calibration, pull both levers down at 45 degrees towards the opposite outside corners of the remote.

As soon as the motors start release the levers and the drone motors will idle with the drone on the ground.

This lever position is also the emergency shutdown so NEVER pull both levers down at 45% outwards when flying as you will crash your drone due to motor shutdown. Use one lever at a time while learning to avoid any issues.



To take off push the left hand lever forward on the remote to go straight up, do not use any other direction with the controls when launching until you are at least 5 meters high otherwise the drone may fall over during launching if it catches on the ground and you may damage the propellers or drone.



Do not ever fly a drone over people; it is illegal and dangerous, more so if you have the weight attached to the clip. If a fishing weight fell out from height onto someone it could cause serious injury or death.

Put the drone up to at least 10 meters and fly it away from you more than 30 metres. When you release the controls the drove hovers at the same altitude over the same spot. Allow for overruns when stopping at high speed as the drone does not stop on a dime as soon as you release the controls.

Press the Auto Return 'Home' button (B in diagram above) and allow the drone to come back and land automatically to check your home point calibration, **If you want to cancel Auto Return Home** press the Home button again and the drone will change back to manual GPS mode. If the drone does not return to where it took off or flies erratically, land and recalibrate. The drone motors will stop automatically after Auto Return Home landing.

If you have ignored the above and have calibrated with less than 11 satellites and the drone flies erratically on take off it is because you have too few satellites and the drone cannot get an accurate GPS fix or, if you have previously calibrated the drone correctly, done a set and turned everything off and have restarted too quickly and have taken off with to few satellites acquired, you need to land the drone and recalibrate.

If the drone does not respond correctly to the controls, switch to N M mode on the top right hand switch to kill the GPS and after the drone stabilises switch back to GPS mode. If the drone is stable land it manually.

If the drone does not stabilise switch back to N or M mode and land manually in that mode, in N and M mode you will need to counteract any wind drift as you land as the GPS is not connected. Auto return home does not work in M and N modes.

So, ALWAYS check number of satellites acquired before take off! The number of satellites is displayed on the top right hand of the screen and is preceded by a capital 'D'. If you do not understand this watch this video https://www.youtube.com/watch?v=9a2_FNOVHjM Or call Paul Ph 021 192 6328

To Stop the Motors after manual landing (motor cut off is automatic on Auto Return Home landing), or for emergency shutdown use either of the following two methods:

Method 1

Normal Stop: After you manually land the Drone, or hand catch it, pull the left joystick down to the bottom center and hold for 3s until the motors stop rotating, (this method is recommended in normal cases). If hand catching the drone must be held still to shut down.

Method 2

Emergency Shutdown: Pull the left joystick to the lower left and right joystick to the lower right simultaneously, (same lever positions as start-up) release the joysticks when the motors stop rotating. Avoid doing these lever positions simultaneously while the drone is flying as motors will shut down in flight and drone will crash.

Test Flying

Test the flight controls to improve your understanding of drone flight. The only controls you need to touch in flight are the two side levers and Auto Return Home button. Use at least two batteries when testing so flight and calibration in a wide open space become second nature before you go to the beach to fish. Practice calibration at least 10 times.

Newton Release Clip

The Newton Release Clip is an inertia clip that releases at a fixed load, it is an incredibly safe release system. If you get a reel tangle, the line twists round the rod tip, or anything else prevents line going out freely, the clip will automatically release. We do not use a remote release system as they often cause other drones to crash in these common circumstances.

The Newton clips are set to release at 950 grams tension. This ensures the Condor drones load carrying and flight stability are kept well within safe limits. Do not adjust the clip for higher release pressures, if you are having problems with early releases it is likely your jerky takeoff technique, carrying excess weight, or too much drag on your fishing reel that causes such problems. Check items in the package to the list of Items below before using the Drone.

• Drone • Remote Control • Newton3 Release (fitted)
• Release Wires 2 off • 4 Propellers
• Intelligent Battery • Intelligent Battery Charger

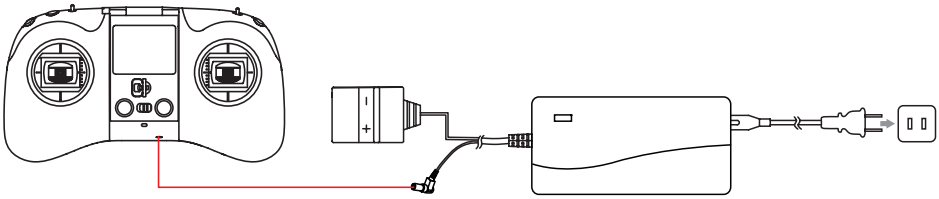
The Remote Battery

From top left to top right:

- (((WiFi signal strength
- Sport and GPS Mode
- Satellites Connected
- **REMOTE BATTERY LEVEL INDICATOR**
  - **3 Vertical Bars Green – Full Charge**
  - **2 Vertical Bars Yellow – 2/3 Charge**
  - **1 Vertical Bar Red – 1/3 Charge**

  One charge of remote battery will run three drone batteries flat.
- Green Dashed bars below remote battery charge indicate drone battery charge.

Charging The Remote Batteries



Only use the AEE charger to charge the remote and drone battery.

Drone Battery

Press the button on the front of the drone battery once. The leds on the battery will indicate the power level of the battery by solid lit LED's, each solid light is 25% charge. Flashing LED's show discharged level. For example three solid LED's and one flashing indicates 75% or more charge.

Never start a set if battery time left is less than 9 minutes. Nine minutes is usually enough time to safely set 500 metres.

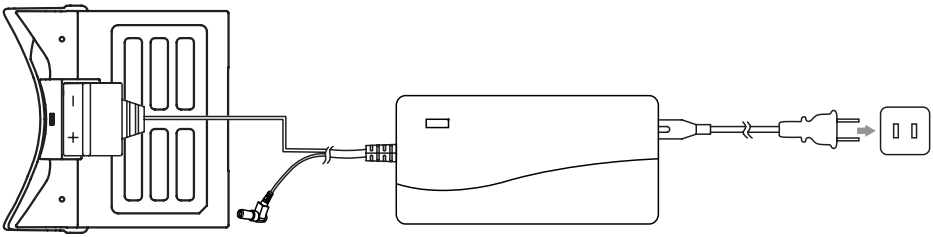
The Auto Return Home low battery is set to be sufficient for 500 metres. For distances over 500 metres we suggest more than 12 minutes run time should be showing on the remote screen. **To warn you of this the colour of the text on the remote screen will shift towards red when the drone beyond 500 metres, do not rely on low battery return beyond 500 metres.**

Charging The Drone Battery

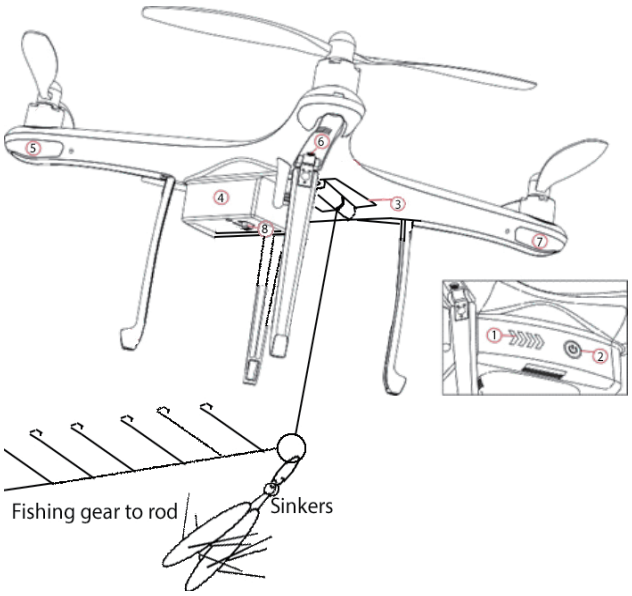
Connect + to + and – to –. The flap on the charger plug protects the small battery pins when charging.

IMPORTANT

Store the batteries at around 20-30% charge or you will shorten the battery life or damage the battery. Charge batteries the day before you go fishing. Do not store fully charged. Flashing red indicates the battery is charging, solid red LEDs indicate full charge. Do not overcharge or leave batteries on the charger unattended.



Drone Fishing Set-Up



1. Battery Indicator Lights
2. Battery On – Off Button
3. Newton 3 Release Clip
4. Battery
5. Rear Green LED
6. Leg Lock Release Button
7. Front White LED
8. Battery Lock

Note: The release wire loop connector connects with one wire loop into the Newton 3 release clip and the loop at the other end connects to the weights and 6-hook section with the clip on the end of the hook section. The wire is laid straight in front of the drone prior to take off and keeps the line well away from the propellers during take off and release actions. **Do not use the drone for fishing without the correct release wire!**

When the drone reaches the desired distance offshore, stop the reel or stick your hand over the spool (on eggbeater reels), with the drone still going at full speed. This provides the inertia to release the fishing gear from the clip instantly. Avoid getting sand in the drone or remote. If there is any sand in the motor, battery dock or remote, use a brush or vacuum to clean it all out. Hand catching or use of take off pads help reduce sand issues.

Drone Indicator Lights and Error Signals

System Status	UAV			
	White Logo LED	Green Tail LED	White Front Arm LED	Red/Green/Blue Rear Arm LED
Powering on (Power-on self-test)	Off	Off	Remain on	Off
Warming up	Fluctuating	Off	Remain on	Flash in blue, green and red by turns
Powered on	Fluctuating	Remain on	Remain on	Same as the relevant flight mode LED
GPS mode	Fluctuating	Remain on	Remain on	Remain green
NORMAL mode	Fluctuating	Remain on	Remain on	Remain yellow (red + green)
Visual positioning mode	Fluctuating	Remain on	Remain on	Remain blue

Low power	Fluctuating	Flash slowly	Level-1 alarm: flash slowly (1s on and 1s off. The UAV will auto return to home in 30 seconds Level-2 alarm: flash quickly (0.1s on and 0.1s off. The UAV will auto return home in 5s)	Level-1 low power: both the front and rear (red) arm LEDs flash slowly Level-2 low power: both the front and rear (red) arm LEDs flash quickly
System error (smart battery error)	Fluctuating	Flash slowly	The front and rear (red) arm LEDs flash alternately.	
Calibrating	Fluctuating	Flash slowly	Remain on	Compass calibration: At the beginning: flash slowly in yellow In the process: flash slowly in green then solid green.
Calibrated correctly	Fluctuating	Remain on	Remain on	Same as the relevant mode LED

Note:

(1) Low power alarm sound:
Level-1 alarm: Di-Di-Di (slowly)
Level-2 alarm: DiDi-DiDi-DiDi (quickly)
Each system status will be indicated with text or icon on the remote control screen

Precautions

(1) Check if the propellers are installed properly and reliably before each flight.
(2) Check if the propellers are in good condition before each flight. Replace the aged or damaged propellers if any.
(3) For your safety, do not get close to or contact the rotating motors or propellers.
(4) For the best flight effect, use AEE propellers only.

⚠ WARNING:

(1) To install the propellers without product damage, follow the direction marks strictly to turn them with appropriate pressure.
(2) The motor is in high-temperature state after each use. To prevent burns, do not remove the propellers until the motor cools down.

Recalibrate If Any Of The Following Conditions Apply

- Compass data error on screen, the front arm LED remains on and the rear arm LED flashes in red and yellow alternately.
- The flight area is well away from the previous compass calibration area.
- The UAV drifts severely in flight or hovers in a circling or figure 8 flying pattern.

Stopping The Motors

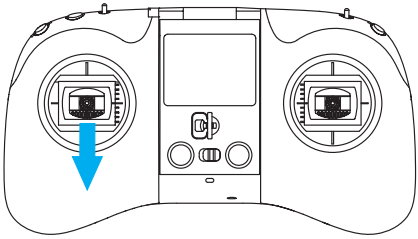


Fig 21

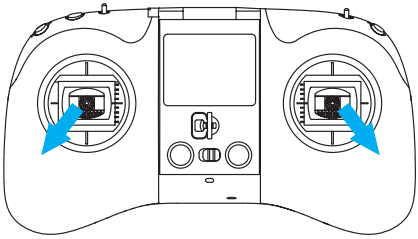


Fig 22

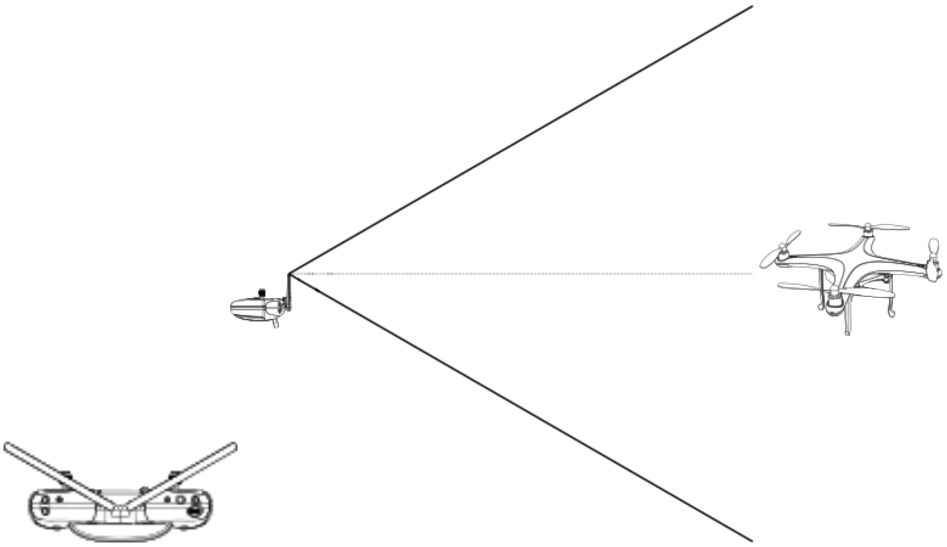
Fig 21. Normal Motor Stop; pull left lever down while the drone is on ground after landing.

Fig 22. EMERGENCY STOP ONLY. Do not pull both joysticks to the toe-out position simultaneously while flying or the motors will stop rotating in the air and the UAV will crash. This function should only be used for emergency motor stop after a crash or tilt and fall-over launch through poor takeoff technique. Pull the joysticks out and down quickly to toe out and down positions and release them when the motors start/stop rotating.

Antenna Position and Angle

The optimal communication range of the remote control signal is shown below.

When flying at distance, the optimal communication range is in the mouth of the horizontal Vee of the remote aerials.



Form maximum control distance keep the drone in the Vee of the antenna.

Remote Control Stages Of Warm Up

	
Warm up stage, remote connects to drone, finds satellites. Takes less than 2 minutes.	Compass ready to calibrate after hold down lever and pressing home button 10-14 times rapidly

FAQ

The UAV disappears in my field of view, Wi-Fi is disconnected and “Connection Lost” shows on screen. What can I do?

If Wi-Fi connection is lost, the drone will automatically return home if

1. Drone has been correctly calibrated.
2. GPS flight mode “P” was selected for the flight.
3. Battery power is sufficient.

If the ground station connects the drone successfully during the auto return you can cancel Auto Return and regain control. Push the auto return Home button to cancel the Home function or leave it and the drone will Auto Land.

ALWAYS CALIBRATE AT EACH NEW SPOT AND ALWAYS USE GPS MODE “P” FOR MAXIMUM DRONE SAFETY WHEN FISHING

How can I manually land the Drone steadily?

Use Auto Return Home for the steadiest landings. Manual landings and hand catching are best left to experts.

Provided for reference, this Manual is subject to change without further notice. Visit our official website https://www.fishingtacklesale.co.nz/files/Condor_Fisherman_1000_User_Guide.pdf for the latest Condor Fisherman 1000 Drone User’s Manual.

Warnings

(1) This product is compatible with the environment and compliant with the FCC restrictions on RF. This product complies with § 15.247 FCC:

1 cause no harmful interference in use;
2 withstand external harmful interference. Note: we shall not be held liable for any radio/video

interference caused by unauthorized product modifications or changes, as such modifications or changes go beyond your operation authorization. Note: as tested and verified, this product complies with the requirements on Class-B digital products in § 15.247 FCC; such requirements require that the installation and use of this product have no harmful effect on residents’ living environment; improper installation and use may interfere with radio communication, as this product radiates RF energy in use; we cannot guarantee that no interference will be caused under special installation and use conditions; by powering on/off this product, you can determine whether the interferences caused by this product; if this product causes any interference to the radio/video receiving device, take the following corrective measures: ※ Adjust the direction of the antenna; ※ Increase the distance between this product and the radio/video receiving device; ※ Contact your local dealer or an experienced radio/video technician for help.

(2) Make sure the distance between the antenna and human body reaches 20cm. Connect the USB ports of the remote control and UAV to USB V2.0 or above communication interfaces only, never to USB power interfaces. Note: for explosion prevention purpose, please use the battery of correct type; follow the applicable directives to dispose of the used battery properly. We hereby undertake that this product complies with the basic requirements in 1999/5/EC and other applicable directives.

(3) This product is intended for personal use only, never for any use that violates any international or local law or regulation. Do not use this product (including but not limited to):

(i) to defame, abuse, harass, stalk, threaten or otherwise violate the legal rights (such as rights of privacy and publicity) of others;
(ii) to take any photo of others or private areas without permission;
(iii) for any illegal or inappropriate purpose (espionage, unauthorized investigation, etc.) other than general commercial purposes; or
(iv) in such manner that any local law, administrative regulation or social convention is violated.

Disclaimer

Please read this Disclaimer carefully before using this product. Using this product shall be deemed to have agreed and accepted the entire contents of this Disclaimer: no juvenile aged under 18 shall be the intended user of this product; the user shall be held liable for his/her use of this product and all consequences arising there from; the user shall use this product for legitimate purposes only and abide by this Disclaimer and our other applicable policies and standards.

(1) This Disclaimer is subject to change without further notice. Visit www.aee.com for the latest Disclaimer.
(2) (2) We shall reserve the final interpretation right to this Disclaimer.
(3) (3) This Disclaimer is made in various languages. In case of any discrepancy among different language versions, the Chinese version shall prevail.

Product Description

CONDOR is a hi-tech electronic product integrated with flight functions, equipped with an advanced intelligent flight control system.

(1) The outstanding performance of this product relies on our original accessories. We shall not be held liable for any loss or damage caused by using any other accessory.
(2) Equipped with the intelligent control system, this product will enter a safe working state if powered on. However, we recommend you remove the propellers before performing the calibration or setting any parameter.
(3) Make sure the power supply system and other functional modules are installed properly before using this product. Remove the propeller blades and keep the drone away from crowds and vulnerable, fragile and hazardous materials before performing the calibration.

Precautions for UAV Use

Check the following items one by one before each flight:

(1) Check if all components are in good condition. Do not start the flight if any component is aged or damaged.
(2) Make sure the drone battery and remote control battery are fully charged.
(3) To prevent communication interference, do not use 3 or more drones simultaneously in an area (of football field size) or use the drones near 3 or more high-power 2.4G (Wi-Fi) equipment.
(4) Make sure the drone load is not excessive.
(5) Power on the UAV and remote control in no particular order before taking off. Power off the drone and remote control successively after landing.
(6) Check if the propellers and motors are installed properly and reliably. Make sure the forward-rotating propeller and counter-rotating propeller are put in their places. To prevent cuts, do not get close to or come into contact with the rotating motors or propellers.
(7) Make sure no person or any other obstacle in the circle about 5m~10m around the take off point before taking off or landing.

(8) Select a open flying space with no tall buildings or compass accuracy will be affected by buildings that use steel bars.
(9) This drone cannot be used in the Antarctic circle or Arctic circle.
(10) Select a safety zone away from the crowd, obstacles, high-voltage wires and no-fly zones for flying and keep yourself safe.
(12) To prevent communication errors, do not use this product in complex electromagnetic environments.
(13) To prevent component damage or unpredictable consequences caused by inside vapor condensation, do not use or store this product in humid environments.
(14) For your safety and product safety, do not use this product in poor weather conditions such as lightning, rain, snow, strong wind or sandstorm.
(15) To protect its thermoplastic materials against accelerated aging, deformation and melting at high temperatures, keep this product away from heat sources.
(16) Beginners shall operate the UAV under the guidance of professionals. Never push or pull the joystick quickl, accelarate and stop slowly.
(17) For your own and property safety, always follow this Manual. Do not disassemble or modify the drone without permission.
(18) Read this Manual and the relevant online help and videos carefully before the flight. No flight is allowed in any no-fly zone specified by laws or regulations.

Precautions for Battery Use and Charging

The Li-polymer battery is a hazardous material. Please follow the precautions below to use it:
(1) Do not dip the battery in water. If the battery will be idle for long, store it in a cool and dry place.
(2) Place the battery beyond the reach of children.
(3) Do not use or store the battery near any heat source, like fire or furnace.
(4) Charge the battery with an AEE authorized charger only.
(5) After installing battery, make sure the battery fastener is securely latched.
(6) Do not throw the battery into fire or heat it.
(7) Do not use wires or other metal objects to short-circuit the battery's anode and cathode.
(8) Do not transport or store the battery together with metal objects.
(9) Do not impact or throw the battery or expose it to any hard impact.
(10) Do not use nails or other sharp objects to pierce the battery housing. Never hammer or step on the battery.
(11) Do not decompose the battery in any way (do not disassemble, punch or cut it; never try to repair it).
(12) To maintain the battery's performance and service life, do not use or store the battery in extremely hot environments (like in direct sunlight or in a car in hot days), or it may overheat to catch fire (spontaneously combust).
(13) To avoid the dangerous accidents caused by electronic protector damage, do not use the battery in a strong-static place.
(14) If any electrolyte splashes into your eyes in case of battery leakage, rinse your eyes with clear water and ask for medical help immediately. Your eyes may be injured if not treated in time.
(15) Remove it from the UAV, remote control or charger immediately and stop using it if the battery smells, overheats, deforms, discolors or has any other anomaly.
(16) Use only AEE supplied batteries.
(17) Do not use it if the battery leaks, bulges, smells or is broken.
(18) Never allow the battery to contact any liquid. Do not expose the battery to rain or put it in humid places.
(19) Do not place the battery in any microwave oven or pressure vessel.
(20) Remove the battery when the UAV is not in use. To prevent power interface damage, do not remove the battery until the UAV is powered off.

(21) To prevent battery damage, do not place the battery near strong static or electromagnetic waves.
(22) Do not place heavy objects near the battery or charger, or they may fall on the battery.
(23) To charge the battery, place the battery and charger on the ground free of flammable and combustible materials and keep an eye on the charging process to prevent accidents.
(24) Never contact the electrolyte and electrolytic gas inside the battery. They are harmful to your health.
(25) Replace the battery after 300 charging and discharging cycles.
(26) To prevent burns, do not touch the UAV battery cells after the flight.
(27) Do not throw the damaged or unusable battery away irresponsibly. Follow the local standards and regulations to dispose the waste battery. Contact your local solid waste administration or battery stores for more information.
(28) Do not charge the UAV battery until it cools down to the room temperature after using.
(29) To save battery energy, the battery will be auto shut down if the flight is not started (the propellers are not started) in 10min after the battery is powered on, whether installed onto the drone or placed separately.
(30) The battery supports power-off delay: cut off the power 4s after receiving the shutdown instruction in order to save flight data.
(31) If the battery will be idle for long, discharge it to 40%~50% power (individual cell: 3.7V~3.9V) and store it in the special battery box. To keep the battery active, charge and discharge it every three months.
(32) Long-term storage conditions: 23±5°C temperature and 65±20% RH.
(33) For safe battery use, refer to our Disclaimer for more precautions.

Limitation of Liability

We shall not be held liable for any personal injury or property loss, whether direct or indirect, caused in the following cases:
(1) By your poor physical or mental condition, such as drunk, drugged, anesthetized, dizzy, weak or sick;
(2) By your subjective intent;
(3) The emotional damages caused by accidents;
(4) You fail to follow this Manual to install or operate the product;
(5) The UAV functions improperly as you modify any component or accessory or use any non-AEE replacement without permission;
(6) You use any non-AEE product or imitations;
(7) By your mis-operation or poor subjective judgment;
(8) The UAV functions improperly due to natural wear and tear, corrosion or aged wires;
(9) The UAV crashes as you fail to land it upon alarm signals (for example, the red LED flashes quickly);
(10) You force a flight despite the fact that the UAV is in non-normal condition (any water, oil, soil, sand or any other unknown substance is found inside the product; any main component has an obvious fault; or there is any obviously defective or missing accessory);
(11) You start a flight when the UAV is placed in a place with magnetic interference, radio interference or no-fly zone (defined by the government), you stand against the light, your vision is low, blurred or hindered by any obstacle or the flight conditions are otherwise unfavorable;
(12) You operate the UAV in poor weather conditions, such as rain, strong wind (above force 4), snow or hail;

(13) The UAV encounters any impact, overturn, fire, explosion, lightning stroke, storm, tornado, rainstorm, flood, tsunamis, ground settlement, ice settlement, cliff fall, avalanche, hailstorm, mudslide, landslide or earthquake;
(14) Any data or audio/video material acquired through the UAV constitutes an infringement;
(15) By any flight against this Manual's instructions;
(16) By your violation of any local law;
(17) Other losses beyond the scope of our liability.

User's Manual for AEE CONDOR FISHERMAN

Version: V1.0 2017.09 Please follow this Manual strictly to use Condor

Preface

All functions described herein are the functions of Condor in working state, unless otherwise specified. In case of rain or snow in flight, land the drone immediately and clean and dry it.

WARNING:

Install the propellers correctly without damaging the product, follow the direction marks strictly to turn them with appropriate pressure.