Aeroo Pro

User Manual

CE

Contents

Welcome to the Aeroo Family!

We're just a few minutes from takeoff and can't wait to see all the awesome drone moments you have planned with your new Aeroo Pro.

There's nothing we care more about than seeing you get the most out of your drone. Our experts are always on-hand to help.

For any questions, big or small, visit:
-       www.aeroodrones.com/pages/support
-       Or simply email: support@aeroodrones.com

Disclaimer

By using this aircraft or any Aeroo product, you acknowledge you have read and understand the associated risks, and drone laws in your region. Illegal or unethical use of our product is strictly prohibited.

Users accept all liability and responsibility for their own behavior and actions, as well as any consequences resulting while using an Aeroo product.

Charge

1. Connect the Single Charger or Charging Station (Combo) into the Power Adapter, and then into the wall.
2. Carefully align the charging pins with the battery connection pins, and connect. The battery will begin charging after a few seconds.
3. Plug the USB-C cable into the remote and a USB socket to charge.

Battery indicator lights will flash sequentially while charging, when complete, all 4 lights will turn off.

AI Flight Battery

Single Charger

Charging Station (Combo Only)

Adapter
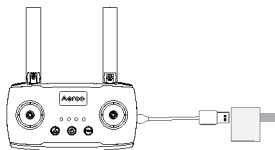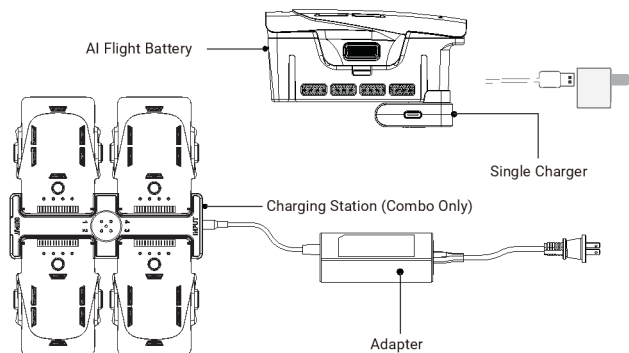
- Always fully charge batteries before and after flight.

- The Charging Station will only charge one battery at a time. Once one has finished charging, the next will start.

IMPORTANT: Read the full the battery section before use

Download

1.   Search for "Aeroo Fly" in the App Store or Google Play Store, and download to your mobile device.

2.   Create your account:
     a.   Enter your email and create a password
     b.   Click, "Send verification"
     c.   Enter the verification code sent to your email address

Power On

Press the aircraft battery firmly down until it clicks in place.

"Click"

Connect your mobile device to the remote using the provided cable.

Power button

Mobile
device cable

Pull
down

Slide
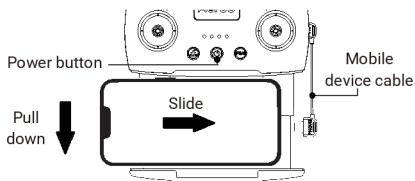
Power on the remote by holding the remote power button for 3 seconds.

Power on the aircraft by quickly pressing and releasing the power button, then immediately press again and hold until all 4 lights are solid.

Aircraft
power button
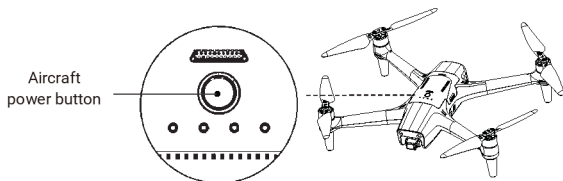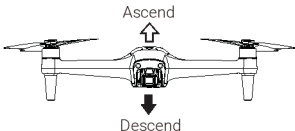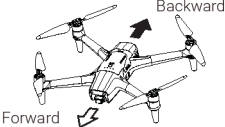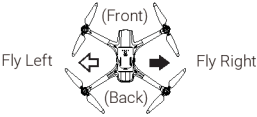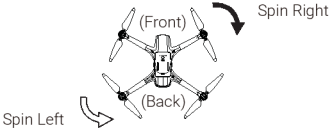
To power off, quickly press and release the power button, then immediately press again and hold until no lights are illuminated.

Control

Follow the instructions in the Aeroo Fly App to activate and for any pre-flight checks or calibrations required.

Basic Controls:

S/N	Key / Switch	Function
		Ascend Descend
		Backward Forward
		(Front) Fly Left — Fly Right (Back)
		(Front) Spin Right Spin Left (Back)

IMPORTANT: Before attaching a payload, read the "Flight" section of this Manual to understand the additional safety precautions and variables involved.

2.Aircraft

2.1 Aircraft Components

Spare Component
4G SIM Expansion Slot
(for future upgrade)
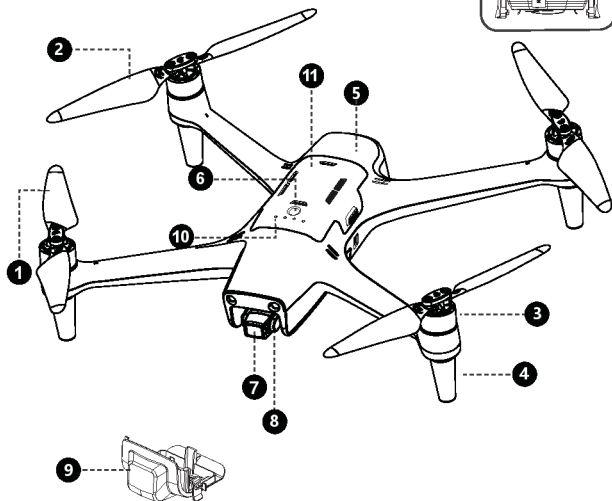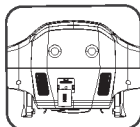
1 "A" Propeller	**7** 4K UHD Camera
2 "B" Propeller	**8** 3-Axis Gimbal
3 Heavy Lift Motor	**9** Gimbal Protector
4 Lower Shell + Antennas	**10** Battery Level Indicator
5 Upper Shell	**11** AI Flight Battery
6 Battery Power Button	
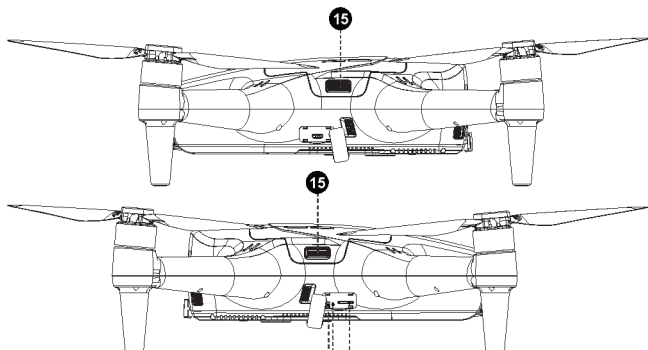
12 Bind Button　　**13** Aircraft Status Indicator　　**14** Micro SD Card Slot
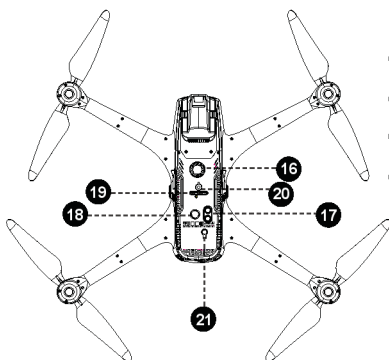
18 Auxiliary Light

19 Payload Release Pin

20 Downward Vision System

21 Payload Release Button

15 Battery Buckle　　**16** Fan　　**17** Infrared Vision Positioning System

⚠ Burn Risk: Do not touch the motors, battery underside or bottom of the aircraft immediately after flight.

2.2 Aircraft Battery
2.2.1 Aircraft Battery Charging

Aeroo Pro uses an AI 6S lithium battery with a capacity of 4000mah and a nominal voltage of 21.6v. The battery has its own internal management system, to intelligently adjust power output and safely discharge over time. The battery also uses industrial high temperature resistant cells for use in extreme environments.

- The charge time is approximately 100 Minutes (Charging Station) and 240 minutes hours (Single Charger).
- Aeroo Pro supports (100v-240v, 50-60Hz) AFC/FCP/PD2.0/PD3.0 fast charging.
- The Charging Station will sequentially charge up to 4 batteries one at a time,

1. Connect the Single Charger or Charging Station (Combo) into the Power Adapter, and then into the wall socket, switch the wall socket ON.
2. Carefully align the charging pins with the battery connection pins, and connect. After a few seconds the battery will begin charging.
3. Battery indicator lights will flash sequentially while charging, when complete, all 4 lights will turn off.

AI Flight Battery

Single Charger

Charging Station (Combo)

Power Adapter
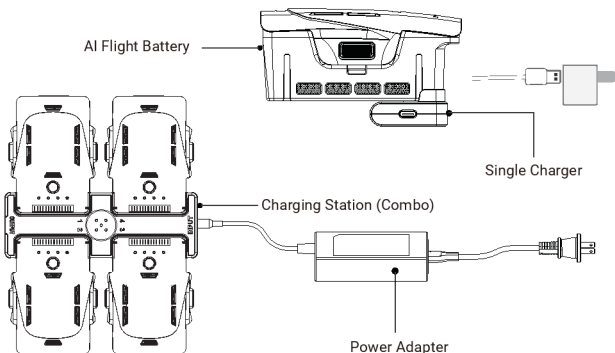
Important: Always fully charge the battery after each use. Leaving the battery low for extended periods will cause irreversable damage.

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2.2.2 Aircraft Battery Installation

① Take a fully charged battery

② Push the battery into the compartment until the battery buckles click into place and are fully locked

③ The battery should sit flush with the aircraft shell.
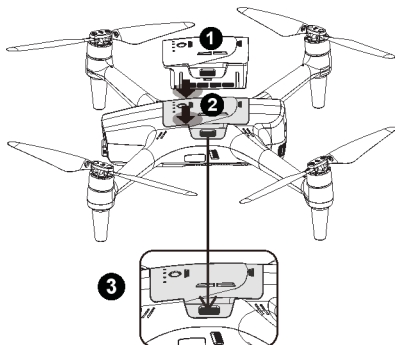
Power On

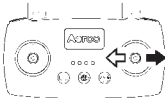|	
Power Button	Short press to check the battery level, it will turn off after 3 seconds
	To power on, quickly press and release the power button, then immediately press again and hold until all 4 lights are solid green

2.2.3 AI Flight Battery Functions

- **Activation:** The battery can only be used after being put in the drone, connected to the app and then activated as prompted.

- **Power Level:** The 4 indicator lights indicate the approximate percentage of battery power left. The app will show the precise battery power remaining.

- **AI Learning:** The battery will intelligently adjust its power output levels over time based on temperature, altitude, and normal payload, to maximise flight time and performance for your unique conditions.

- **Firmware Update:** The battery firmware may occasionally require an update if prompted in the App. The outer two indicator lights being solid on indicates the battery is updating. Do not use the battery during the update.

- **Balanced Charging:** During charging, the voltages of the 6 battery cells are automatically balanced by the smart charger and onboard battery AI system.

- **Overcurrent Protection:** The battery stops charging or discharging automatically once fullly charged.

- **Smart Discharge:** The batteries' AI management system will intelligently discharge the battvery at varied rates over time to maximise storage life.

- **Short Circuit Protection:** The power supply will automatically cut out if a short circuit is detected, to protect the batteries.

- **Battery Cell Damage Protection:** The app will display a warning message when a damaged battery cell is detected. This can be caused by overloading the drone, leaving the battery discharged, etc.

- **Hibernation Mode:** The battery will automatically power off after 3 minutes if it is not connected to the aircraft. If the power is less than 1%, the minimum power indicator will flash (after pressing the power button) and the battery cannot be turned on, to wake the battery, fully re-charge it to 100%.

- **Data Log:** Information about the battery's voltage, capacity, and current is transmitted to the aircraft and can be seen in the flight logs.

- **Low temperature heating:** In extreme environments (as low as -10°C), the battery (if over 30%) will intelligently heat the internal cells and adjust power output to the climate. In extreme conditions, allow the aircraft to idle for 2-5 minutes after starting up to allow time for the battery to heat up to the optimal temperature range. To maximise battery life, place the battery on charge instead of inside the aircraft to heat up before flight.

2.2.5 Battery Precautions

·   Always fully charge each battery to 100% before flight.

·   Never leave the battery unattended while charging.

·   Only use Aeroo official branded chargers.

·   Do not place the battery on charge immediately after flight. Allow the battery to cool down to normal room temperature before charging.

·   The charging temperature range is 5°C to 40°C. If the temperature of the battery cell is outside this range, the battery management system will stop charging. The optimal charging temperature range is 25°C ± 3°C. Charging in this temperature range can extend the battery life.

·   Never place a battery that is already powered on, into the aircraft or on charge (Hot Plug). This can cause irreversible damage to the battery and or charger/aircraft. Always ensure the battery is properly switched off before charging or placing in the aircraft.

·   Do not cut off power or forcibly shut down the battery during a firmware update.

2.2.6 Storage of AI Flight Battery

·   Due to the nature of Lithium Polymer batteries, it will gradually lose power even when switched off and in hibernation mode. It is important to fully charge the battery after each use to prevent it fully draining. Fully draining the battery may cause irreversible damage.

·   For long term storage, re-charge the battery fully every 3 months to prevent the battery from fully draining.

·   Always store in a safe, dry environment away from sea moisture, acid, flammables or fire sources, within a 5°C to 35°C range.

·   The battery will gradually heat up during its intelligent discharge process. To avoid cell damage or even a fire, never wrap or cover the battery, particularly with flammable materials such as foam or fiber.

2.3 Propellers

Aeroo Pro is fitted with high strength polycarbonate foldable propellers, for convenient storage, setup and flight performance. Spare propellers are included in each kit as standard. Use only Aeroo branded propellers.

- Immediately replace any propellers that have cracks, chips, warping or fractures.
- Always replace both propeller halves together, even if one side is undamaged.
- IMPORTANT: Match "A" Propellers with "A" Arms and "B" Propellers with "B" Arms.

Aeroo propeller screws
come with blue loctite applied.
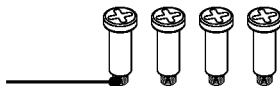
Replacement Process:

1. Unscrew the 2 screws holding in the propeller bracket.

2. Lift up the bracket and lift the propellers.

3. Push the propeller blades onto the motor and secure with the bracket. Ensure the correct A/B letter markings are face-up.

4. Firmly tighten the screws to secure.
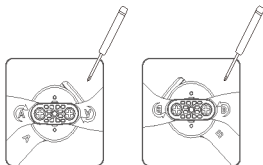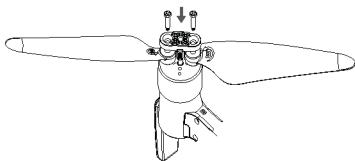
IMPORTANT: Check all screws are tight before each flight.

2.4 Camera

Aeroo Pro has a 12 Megapixel, 1/2.6 CMOS Sensor capable of 4K UHD recording at up to 100mbps. The lens aperture coefficient is F/2.2. You are able to automatically or manually adjust camera settings, as well as shoot in Log (H-Log). It also features a 6x digital zoom and 2.7k live image feed for an ultra high resolution live view.

· To record photos and videos, you will require a U3 or v30 Micro SD Card or higher (Sold Separate). Max Micro SD Card Capacity - 500gb.
· Tweezers are included to remove the Micro SD Card from the aircraft.
· Footage will save onto the card in both high resolution - file name contains "AA" and compressed quality - contains "AB"
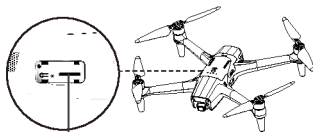
Micro SD Card Slot

· When using the camera for the first time, remove any protective film covering the lens before use.
· To clean the lens, gently use a microfibre or camera lens cleaning cloth.
· Never expose the camera to water.
· The working temperature range for the camera is 10° C to 50° C. In extremely cold or hot environments, image quality may deteriorate.

Camera Tips

· Use manual camera settings for consistant, smooth footage.
· Use smart photography or video flight modes (e.g. Activetrack)
· Select the maximum "4K" resolution for the highest resolution video.
· Shoot in H-Log for maximum flexibility and performance when editing.
· Make slow and steady movements of the drone and gimbal.
· Shoot in the "F" (Film) mode where possible to get the smoothest video.
· To Zoom, tap the "1X" on the bottom of the app, then drag the slider.

For more camera tips and tricks, please refer to our website

2.5 Gimbal

Aeroo Pro has a 3-Axis Brushless Gimbal with 90° tilt for stable footage and a full range of motion.

- The gimbal pitching speed and smoothness can be adjusted in Settings > Gimbal. A slower speed will create a more cinematic feel and a faster speed will be more effective for quick scouting.
- Under "Advanced Settings" in the app, you can allow upward gimbal rotation.
- If the gimbal is not holding level with the horizon, it can be manually corrected using the 📷 symbol in the app, and pressing the "+" or "-" buttons.
- If the gimbal is consistantly not holding level, perform a gimbal gyroscope advanced calibration in Settings > Gimbal > Advanced Settings.

2.6 Payload Release Mechanism

Aeroo Pro has an integrated electronic payload release mechanism with inbuilt safety/failsafe features and a powerful release motor.

The release pin can be opened and closed by pressing the 🛸 button:

- On the Remote Controller, or
- In the top right corner of the app flight interface.

There is also a "Quick Attach" payload button on the underside of the aircraft which opens and closes the release pin.

IMPORTANT: Never exceed the maximum safe payload of 1KG, read the "Flight" and notably the "Fishing" and "Delivery" sections of this manual fully before flying with a payload attached.

Payload Release Pin

Payload Release Button

Payload Release Button
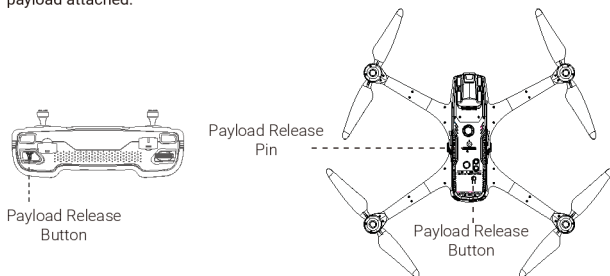
2.7 GPS

Aeroo Pro has an advanced GPS system, which connects to the Global Satellite System. After powering on, the aircraft will acquire 20+ satellites to measure its precise position at all times. This enables functions including Pause (hover when taking your hands off the remote), Auto Return Home, Smart Flying Modes and waypoint flying/bait-drop memory.

· Areas with other remote signals, metal or telegraph lines can interfere with the GPS signal and Compass. Always fly in a clear, open area.

· We recommend performing a Compass Calibration before each flight for maximum stability. It will occasionally be required before takeoff if you are in an area with high interference.

2.8 Motors

Aeroo Pro is equipped with an industrial strength Motor and ESC system, capable of consistent performance and high temperature resistance.

· Burn Risk: Do not touch the motors after flight.

· Always keep any payload and payload attaching line clear of the motors, to avoid tangles or damage to the motor/motor mounts.

· In the event of a line tangle with the motors, carefully unwind the line in the direction of the tangle, prying into the motor may cause permanent damage.

2.9 Landing Light

Aeroo Pro is fitted with an ultra bright LED Landing Light (also referred to as Auxilery Light). This enables identification of the aircraft in low lit environments, as well as enhanced performance of the onboard vision systems.

· The landing light can be turned on/off/auto in the flight interface via Settings > Aircraft > Auxilery Light.

· Automatic will turn the light on only while landing or when vision sensors require it.

2.10 Vision Systems

Aeroo Pro has both an optical and infrared downward vision sensor system (also referred to as TOF). These are designed to measure the distance below the drone (Infrared) and read the terrain for stability (Optical).

· When carrying a payload or in Sport Mode, the Downward Vision Sensors will automatically turn off. This is to eliminate inaccurate ground readings and improve stability while carrying a payload in flight.

· The sensors work between 0.5m - 50m altitude (best <5m), and is predominantly used where GPS signal is weak or unavailable.

· These systems are not a means for avoiding obstacles and should not be relied upon as such.

⚠ The Vision System may not function properly when the aircraft is flying over moving or extreme light/monochrome areas such as water, snow or reflection. The aircraft will not automatically detect or avoid any water below. Never rely on the vision systems.

Ensure the sensors are regularly wiped clean and unobstructed at all times.

Landing Light

Downward Vision Sensor

Infrared Sensor
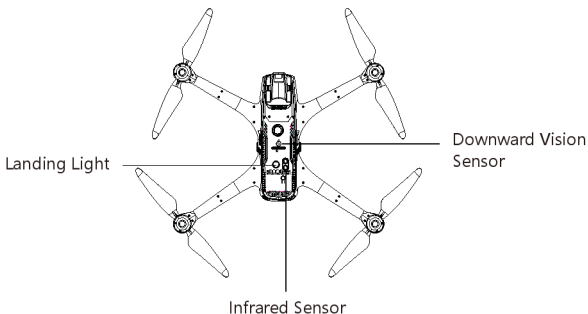
2.11 Battery Struggle Mode

If the aircraft battery level drops to 11%, a "Z" icon will appear in the upper left corner of the flight interface. Tap this button to enter battery Struggle Mode.

· In Battery Struggle Mode, the aircraft will allocate all remaining power to maximise flight distance and increase chances of a safe return.
· As such, the stability of the gimbal, image transmission and image may be affected.
· In this mode, the aircraft will not be forced to land, the battery will drain completely in flight. It is your responsibility to land in a safe location.
· An additional 2-3 minutes of flight time can be gained by entering this mode.

Entering battery struggle mode may cause irreversible damage to the battery. It will be automatically recorded by the system and can be used up to 3 times. For any battery damaged after entering battery struggle mode, Aeroo reserves the right to refuse warranty.
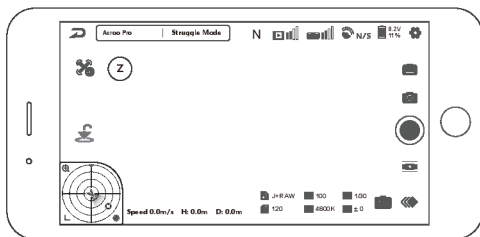
2.12 Pairing The Aircraft

The aircraft will be activated and automatically paired with the remote after logging into your account with the aircraft connected for the first time.

To pair a new aircraft/remote:

1. Power on the remote and aircraft

2. Press and hold the "payload release" and "video" buttons on the remote at the same time for ~4 sec until the Remote beeps a second time. Lights will fash sequentially.

3. Press and hold the aircraft bind button on the aircraft until all lights on the remote are solid blue.

Aircraft Bind Button
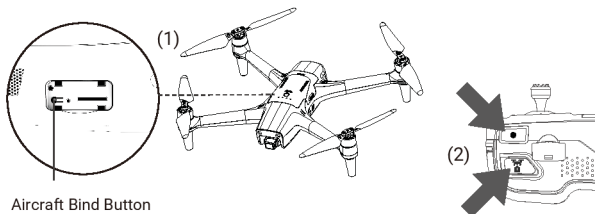
Before Connecting

After Connecting

2.13 Compass Calibration

A Compass Calibration is required before your first flight. It will also occasionally be required before flight after travelling long distances or taking off in an area with strong interference. It is strongly recommended to calibrate the compass regularly, even if not prompted, to ensure accurate compass readings and stable flight.

To calibrate, start the calibration as prompted in the app, or via Settings > Aircraft > Compass > "Start Calibration"

Procedure:
1. Hold the aircraft horizontally ~1.5m off the ground and rotate it 360° ~3 times on the spot.
2. Hold the aircraft vertically ~1.5m off the ground and rotate it 360° ~3 times on the spot.

Notes:
*   Refer to the app instructions during calibration to see progress (message disappears once complete)
*   Ensure you are spinning the aircraft on the spot (centre of aircraft stays still).
    Keep clear of any large or metal objects, perform the calibration in a wide, clear and open area.
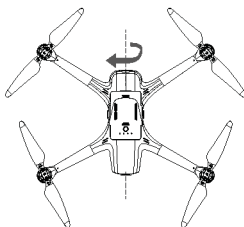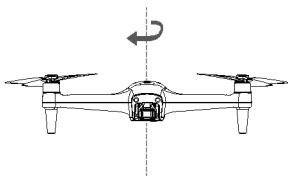
2.14 Aircraft Indicator
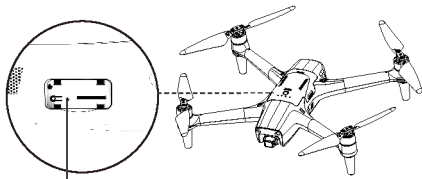
Aircraft Status Indicator
(Also visible from underside)

Aircraft Status Indicator Index	
Camera Error	Red LED flashes slowly (1 time/second)
FPV Board Error	Red LED off
Upgrading	Red LED flashes quickly (5 times/2 seconds)
Normal (Linked to Remote)	Green LED solid
Booting	Green LED off
Disconnected	Green LED flashes quick and then slow (alternating)
Error (System is backing up)	Green LED flashes slowly
Binding mode	Green LED flashes quickly
Upgrading	Green LED flashes quickly and then flashes slowly (when transmitting files)Flash (slow flash when writing flash)
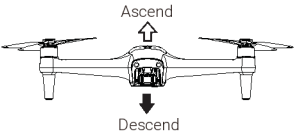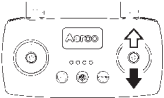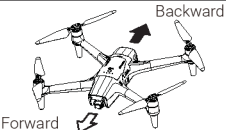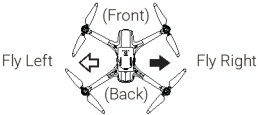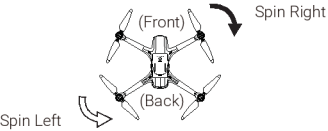
3. Remote Controller

3.1 Remote Controller Components
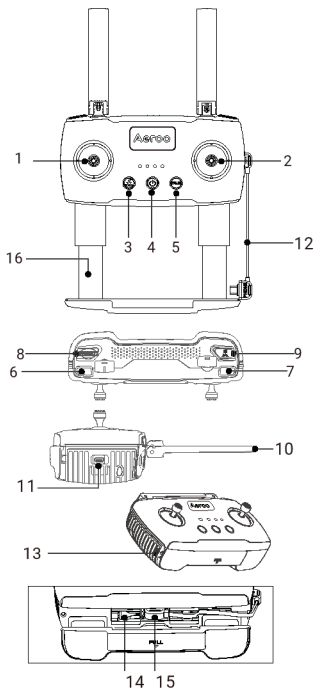
1. Left Control Stick

2. Right Control Stick
(See next page for stick functions)

3. Automatic Return Home/
Cancel RTH

4. Power

5. F (Film)/N (Normal)/
S (Sport) Mode

6. Take Photo

7. Start/Stop Video

8. Gimbal Tilt

9. Payload Release Button

10. Antennas

11. Charging/RC Cable Port

12. RC Cable (Connects to device)

13. Lanyard Attachment Point

14. Thumbsticks Storage Slot

15. RC Cable Storage Slot

16. Mobile Device Holder

3.2 Basic Controls

S/N	Key / Switch	Function
		Ascend Descend
		Backward Forward
		(Front) Fly Left Fly Right (Back)
		Spin Right (Front) Spin Left (Back)

*Mode 2 (Default) shown. Switch between Mode 2 and Mode 1 in Control Settings.

IMPORTANT: Read the "Flight" section of the manual to learn full controls and safety tips before flying the aircraft.

Before using Aeroo Pro for drone fishing/delivery purposes, read our associated guide to understand the additional safety precautions and variables involved.

3.3 Remote Controller Features

Key / Switch	Function
Payload Release Button	• Short press to open/close the payload release • Press and hold the payload release button, and spin the gimbal tilt wheel to perform digital zoom • When in Return To Home (RTH) or low battery mode, press and hold the payload release button to mute the beeping sound.
Charging / RC Cable Port	USB-C port to connect to the charger, or to connect your mobile device via the RC cable.
Remote Low Battery Warning	When the remote controller is on low battery: <25%, Beeps twice every 10 seconds <15%, Beeps twice every 2 seconds <10%, Beeps twice every second
One key return/ Cancel	Press once to start the automatic return to home (the aircraft returns to the take-off point) Press anytime to cancel. During RTH, the remote beeps twice every 2 seconds. Please note the automatic RTH requires 6+ GPS satellits are acquired.
Power Switch	Quickly press and release, then press again and hold until all lights are on/off.
F / N / S mode (Movie / Normal / Sport mode)	(F) Film Mode: Maximum speed is limited to 3m/s (N) Normal Mode: Aircraft speed is limited to 10m/s (default - can be adjusted in the app) (S) Sport Mode: Maximum speed is 16m/s. Do not carry any payload in sport mode
Photo	Press (2sec) to take photos.
Video	Press (2sec) to start/stop video.
Gimbal Tilt	Spin the wheel left or right to control the angle of the camera. Note: The gimbal tilt (pitch) speed and smoothness can be adjusted in "Gimbal Settings"

Key / Switch	Function
Standby Protection	After leaving the Remote Controller on and unused for 10 minutes, it will start beeping once every 3 seconds. After 3 minutes of beeping, the Remote Controller will automatically shut down.
Low Power Mode	When the Battery Power of the remote controller is less than 10%, the remote controller enters low power consumption mode. This cuts off If the Remote Controller Battery is less than 10%, the remote enters low power mode and cuts off any connection to the Mobile Device. You will not be able to see any live camera iew, however the connection between the remote and drone will remain unaffected.

3.4 Charging The Remote Controller Battery

The Remote Control uses a USB-C cable to charge, as shown below:
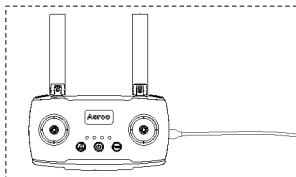
The Remote Controller charging time is approx. 120 minutes. The battery indicator light flashes sequentially during charging. When charging is complete, all 4 lights will stay on solid.

The charging current is 2A, you can use any USB outlet or the charging station to charge.

3.5 Remote Control Antenna Angle
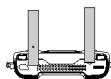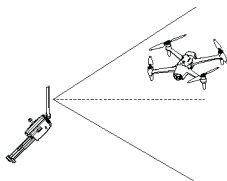
Best for long range signal

Strongest short range signal
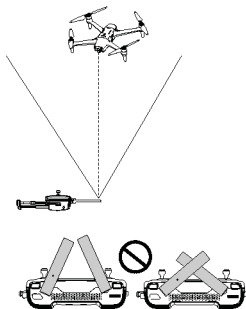
Avoid

· Adjust the remote control antenna to be perpendicular (flat side) facing the aircraft at all times.
· Separate both antennas to maximise range and signal strength.
· Do not cross or direct antennas toward each other.

3.6 Remote Controller Calibartion Procedure

If the aircraft is receiving innacurate control response or buttons/sticks are unresponsive, a remote controller calibration may be required.

1. To begin calibration, hold both control sticks to the top left corner and (at the same time) press the power button. The remote will beep twice per second and the outer two indicator lights will flash.
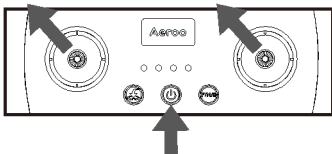
2. Rotate both sticks 360 degrees around the perimeter of each circle at least 3 times, then release both sticks

3. Scroll the gimbal tilt wheel fully to the left, then fully to the right. Repeat this at least 3 times
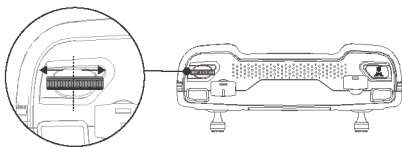
4. To complete the calibration, press and hold the two buttons either side of the power button (see below) until all 4 indicator lights are solid on. Then release, and hold the power button to turn off the remote.
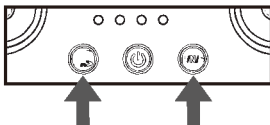
4. Aeroo Fly App

4.1 Download The Aeroo Fly APP

To fly the Aeroo Pro for the first time, you need to download the Aeroo Fly App. After the initial use, you are able to fly the aircraft without the phone connected. However this is only possible if no pre-flight calibrations are required. We always recommend connecting your phone before taking off.

1.   Search for "Aeroo Fly" in the App Store or Google Play Store, and download to your mobile device.

App Store

Google Play

2.   Create your account:
     a.   Enter your email and create a password
     b.   Click, "Send verification"
     c.   Enter the verification code sent to your email address

Register

Back to login

Email

Password (6 to 20 characters)

Verification Code   Send verification

☐ I have read and agreed to Terms and Privacy Policy

Register

4.2 APP flight control interface

Home Page

Live Video Signal

Aircraft GPS Signal

Aircraft Speed Mode

Remote Control Signal

Aircraft Battery Level

Settings

Aeroo Pro | Connected

N

8.2V 100%

Payload Release / Save Drop Location

Smart Flight Modes

Camera Mode

Photo / Video Switch

Auto Takeoff / Auto RTH

Take Photo / Video

Gimbal Tilt

Gimbal Horizontal Correction

6x --- Zoom

More

J+RAW 100 1/30
120 4800K ±0

Speed 0.0m/s H: 0.0m D: 0.0m

Aircraft Speed

Distance

Camera Settings

Auto / Manual Camera Switch

Orientation

Altitude

Note: Live GPS co-ordinates can be enabled in settings

Automatic / Manual Camera Settings

Hide

Gallery

Aeroo

Profile

Gallery Support Shop

Select Device

4.3 Firmware Updates

Occasionally, or before the first use, firmware updates will be available for the App, Aircraft, Battery or Remote. These updates may add new features or improve the stability/reliability of existing features.

After powering on the aircraft and remote, you can update the firmware:

- When prompted in the app interface.
- In the App Settings > General Purpose > Version > Check for updates.

  i.   After clicking "Check for updates" the button will either be unresponsive (no update available) or change to "Update" which you can click to begin the update.

Firmware Update Notes:

- Your mobile device must be connected to internet to update firmware.
- Follow the instructions exactly as prompted in the app.
- The update will first download, then install, after which you will be prompted to restart the aircraft, remote and app.

Troubleshooting:

- It is normal for updates to take over 30 mins. Ensure the aircraft, remote and app are kept on throughout the entire update. Allow up to 1 hour (internet speed depedent) and do not leave the update screen in the app.
- In the event the update fails, please try again. After repeated failed updates, press "Clear upgrade files" (top right of update screen). Then restart the aircraft and remote completely before re-attempting.
- Please note that after clearing update files, the aircraft will delete any partial updates and revert to the previous version.
- Ensure your Aeroo Fly account is setup and the aircraft is bound to your account. This can be checked in the home screen > Profile (top right) > Equipment Management > Aeroo Pro. Click "Bind Account" if shown.

4.4 Flight Logs

Flying while logged in and the app connected means your flight logs will automatically save to your device. These are records of flight location and aircraft parameters throughout the flight. Aeroo does not have access to these logs by default, however in the event of a warranty claim or service, you are able to upload select logs to us for review.

· Flight logs can be viewed from the app home screen > Profile > Flight Log

· To upload a flight log to Aeroo:

· From the app home screen, select the profile icon (top right), then flight log, then tap the cloud icon (top right). Select the time range and then start syncing. Please allow access and wait for it to finish uploading.

Abnormal landings will automatically register and save in the app for review, these can be viewed in Profile > Equipment Management > Aeroo Pro > Abnormal landing.

4.5 Gallery

The Gallery feature allows you to view footage from the aircraft's onboard SD card. It also allows you to download footage taken from the drone, directly to your mobile device, where you can combine with other footage.

Please note, the aircraft must be turned on and connected to your mobile device to view media. Download/playback speeds will vary based on device and can take up to 1 hour depending on internet speed.

5 Flight

5.1 Safety Guidelines

Please check with your local drone authority for up to date and applicable laws. Please also refer to the end of this manual for more safety information, below is a summary.

·   Never fly in extreme heat, No Fly Zones, over people, buildings or airports, etc.

·   Do not use the aircraft for any illegal/military operations.

·   Never exceed the 1kg max safe payload, <500g is recommended to start with, use gradual control movements to avoid propeller entanglement.

·   This product is NOT waterproof, and does NOT have obstacle avoidance sensors.

·   There are many variables involved while flying the aircraft, in particular when flying for fishing or delivery purposes. It is your responsibility to prepare for worst-case scenarios and take necessary precautions to ensure the safety of yourself and those around you.

·   By using any Aeroo product, you agree to use the product only within the guidelines set out in this manual.

You are responsible for any and all damages that may occur through the use of any of our products.

5.2 Pre-Flight Checklist

1. Batteries are fully charged:
   a. Aircraft
   b. Remote
   c. Mobile Device

2. Gimbal protector is removed.

3. Micro SD card inserted.

4. No loose screws or damage to propellers/airframe.

5. All devices are on and mobile device is connected.

6. Safe takeoff area with no interference or obstructions nearby.

7. Flight route planned in a safe fly zone, no people/trees/large objects around or above - no rain or extreme conditions.

8. Perform a compass calibration if required in the app.

9. GPS acquired and "Ready to Fly"

If attaching a payload:
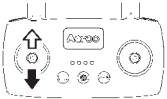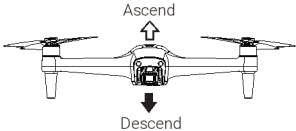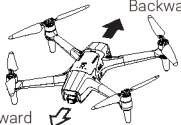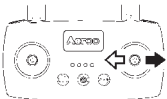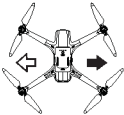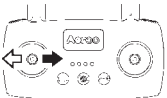
1. Payload is securely attached and under 1kg

2. Payload weight is 2-5m below the aircraft.

3. All line is clear of the propellers via a drop loop.

4. Safety clip is attached.

Ready to Fly! - Watch the drone at all times - Safe Travels

Any question, big or small,
our experts are here to help:

5.3 Key Flight Controls

S/N	Key / Switch	Function
		Ascend Descend
		Backward Forward
		Fly Left Fly Right
		Spin Right Spin Left

*Mode 2 (Default) shown. You can switch to Mode 1 in Control Settings

Payload Release

Auto Return
Home

Speed Mode
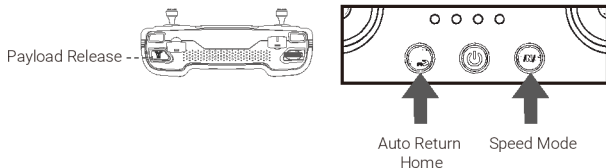
5.4 Takeoff/RTH/Landing

Takeoff:
Once the aircraft has acquired satellites and the flight interface indicates the aircraft is "Ready to Fly" the aircraft can takeoff automatically or manually. Note the aircraft must be stationary and on flat ground, with >15% battery.

Auto-Takeoff: Press the 🛫 button on the left of the app interface. The aircraft will ascend to ~2m and hover.

Manual-Takeoff: Push both control sticks down and outwards (below) to start the motors. Release both sticks and then ascend with the left stick (mode 2).
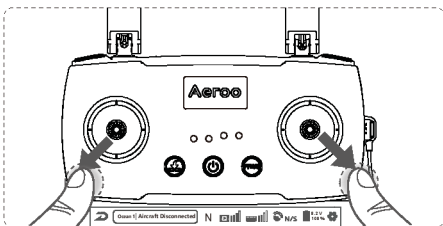
Emergency Stop: Follow this same procedure while in flight to emergency stop. This will cause the aircraft to fall out the sky to avoid danger. You can enable this as failure only or anytime in the app - use with caution!

Return To Home (RTH)

The aircraft will acquire satellites after startup. Once more than 6 satellites are acquired (usually before takeoff), the current aircraft position will be marked as the home point. The home point can be adjusted anytime by opening the map interface and holding your finger on a specified point.

There are 3 types of RTH, Smart RTH, Low Battery RTH and Failsafe RTH.

Landing:

Allow sufficient battery to always return home safely, the aircraft can be landed manually or automatically.

Manual Landing:

- Fly the aircraft overhead, then descend down into a safe landing area.

- Release any payload before landing the aircraft

- The aircraft is fitted with downward vision sensors, it will automatically control its descent as it prepares to land.

- Continue to throttle down (descend) until the aircraft lands and the motors automatically stop.

Note: Push both control sticks down and outwards (as shown on previous page) to manually stop the motors if they do not automatically stop after landing.

Automatic Landing:

- Press the ⚓ button on the app interface, or the ⚓ button on the remote to begin the RTH/Landing procedure.

- Ensure the RTH location is clear and safe to land in.

- The aircraft will fly overhead, then descend down directly. You can cancel or manually adjust the automatic landing with the control sticks.

RTH Location:

- When pressing the ⚓ button in the app, you can select to return to the remote location, or land in the current location.

- The default RTH Location is the takeoff point, to change, tap and hold any point on the map, then click ok, to set this as the new home point.

RTH-Process

1. Home point is set (usually the takeoff position)
2. RTH is triggered.
3. Aircraft will spin to face the home point.
4. If the aircraft is below, it will ascend to the min RTH altitude as set in the app.
   a. If the aircraft is within 5m of the home point, it will land directly below.
   b. If the aircraft is between 5-20m horizontally from the home point, the aircraft will fly to the home point at the current altitude (min 5m) before landing.
5. AI Search for Landing Pad will result in a more precise RTH.

Smart RTH

Trigger RTH by pressing the ⚓ button for 2 seconds on the remote, or in the app interface.

Low Battery RTH

The aircraft will intelligently calculate when to return home, based on flight distance and remaining battery life. At this point, it will send an alert in the app and can be manually cancelled.

If the aircraft battery power percentage is lower than 10%, the aircraft will start landing automatically at that point. This can be also be cancelled.

If the battery is below 1%, the aircraft will be forced to land directly below and cannot be cancelled.

See "Battery Struggle Mode" for tips for safe return on extremely low battery.

Failsafe RTH

If the aircrtaft loses connection with the remote for more than 5 seconds, it will automatically trigger RTH.
If the aircraft reconnects while returning home, it will continue the automatic RTH, however it can be cancelled in the app.
Use the "Release payload if the aircraft is disconnected" setting (Settings > Aircraft) to automatically release the payload if the aircraft is disconnected. This will increase flight time and maximise chances of a safe return.

- Do not repeatedly press the RTH button on the remote, this will cancel the RTH procedure.

- The remote will beep twice every 2 seconds while the aircraft is automatically returning home.

- If the aircraft has weak/no GPS signal and no home point is recorded, triggering RTH will cause it to land directly below.

AI Search for Landing Pad:
When turned on, the aircraft will intelligently search for a landing pad at around 10m altitude. Please note this can be turned on in Settings > Aircraft.
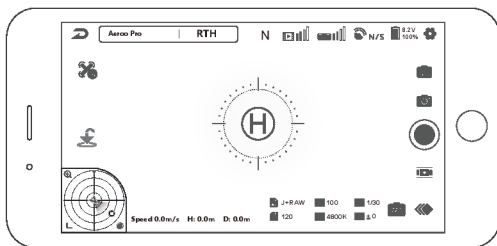
- At approx 10m altitude, the camera will automatically tilt down to identify an "H" symbol below. Ensure sharp contrast, "H" lettering and an unobstructed landing pad.

- Once the aircraft has identified the landing pad, it will descend to ~3m

- Then, the aircraft camera will tilt forward and the aircraft will complete its final descent.

- This mode can be stopped anytime in the app.

- If the aircraft cannot find the landing pad or on critical battery, the aircraft will land directly below.

- The AI landing pad search function cannot be performed while video is being recorded.

5.5 Flight with Payload

Aeroo Pro is designed to carry payloads up to 1kg. It is equipped with an electronic release mechanism and other safety features. The main applications for this are Drone Fishing and Drone Delivery, which are detailed in the following pages.

General Precautions for Payload Flight:

Attachment:
- Ensure the payload does not exceed 1kg, and that it hangs at least 2m below the aircraft. This minimises stress on the aircraft from swinging.
- Press the payload release button on the aircraft to open and close the release pin and attach your payload.
- Do not attach your payload while the aircraft is flying.

Takeoff:
- Ensure your attachment and attachment cord runs down below the aircraft and along the ground, keeping clear of the propellers at all times.
- Gradually ascend initially to minimise jerking or stress on the aircraft.

In Flight:
- It is not recommended to fly in sport mode or high wind mode while carrying a payload, these modes increase the tilt of the aircraft, increasing the possibility of propeller entanglement.
- Use gradual movements of the control sticks. Gradually accellerate/decel-lerate.
- To maximise flight time, plan your route ahead.
- Release your payload by pressing the payload release button on the remote or app. When pressing in the app, you will have the option to save the drop point, whereby you can set the aircraft to automatically return to the same point.
- If you are flying over water/an extremely safe location, you can turn on the "Release payload if the aircraft is disconnected" setting.

Landing:
- Always release your payload before landing, to avoid the aircraft contacting the payload or entanglement upon decent.

Attaching a Payload

The payload release pin can be opened/closed by pressing the payload release button on the remote, in the app, or on the bottom of the aircraft.

Payload Release Pin

Payload Release Button

Payload Release Button

Payload Release / Save Drop Location
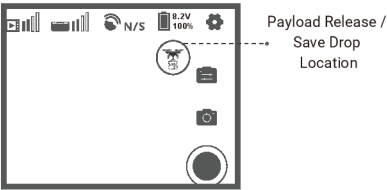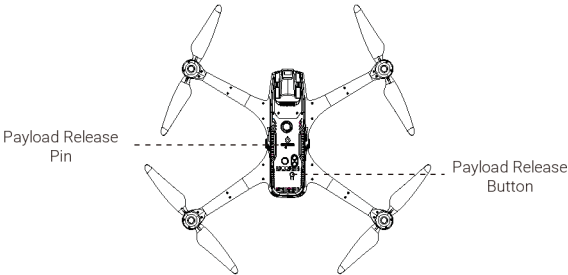
Keep the heaviest part of the payload at least 2m below the aircraft to avoid possible contact with the motors.

5.6 Payload Stability Mode

Payload stability mode intelligently controls and minimises swinging based on your payload setup. It can be turned on or off in Settings > Controls > Payload Stability Mode.

When turned on, payload stability mode will only take effect once a payload is loaded to the aircraft. Normal flight accelleration and decelleration will resume after the payload is released.

5.6 Drone Fishing

Drone Fishing is High Risk and involves many variables

Basic Drone Fishing Setup:

2m

3m+
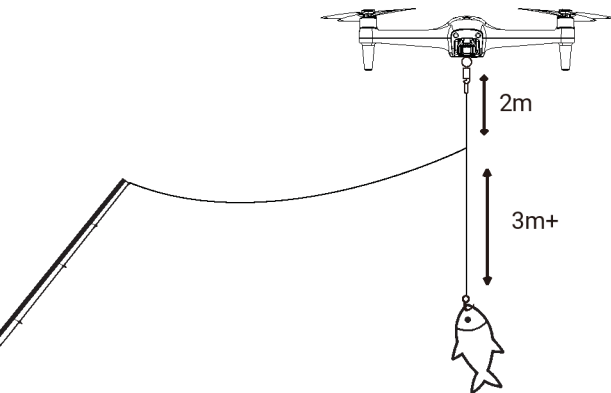
1. To avoid any line coming into contact with the aircraft, ensure a 1-2m line (drop loop) is tied into your rig to create a clearance between your fishing line and the aircraft.

2. The leader can include multiple hooks and sinkers. The sinker can be at the top or bottom of the leader (below the drop loop)

3. Tie a Safety Clip into your rig, which can detatch in an emergency.

4. Allow slack between the aircraft and rod to avoid tangles during take-off.

5. In windy conditions, we advise using your reel's line drag on the loosest setting. This will add weight to the overall payload (below) but keep your line taught.

6. Ascend to an altitude of at least 15m before flying out, to avoid line contact with any waves.

7. Always watch the aircraft and be ready to release the payload.

8. Never exceed the 1kg maximum safe payload, use lighter rigs when starting out and if flying out longer distances (400m+).

Line Drag: Line drag can be used to keep your line taught when flying out, it is especially useful in windy conditions. When using, set your reel to the loosest drag setting. The effect of line drag and other variables means the payload weight increases the further out you fly.

5.8 Safety Clips

Aeroo Safety Clips are designed to release your payload from the aircraft under tension. This works in addition to the electronic release.

There are two tension settings for the safety clip:
- Small attachment clip (<500g payload)
- Large attachment clip (>500g payload)

A custom loop can also be tied to create a custom release tension.

Safety Clips can be used for trolling baits, pull deliveries, or for emergency payload detatchment in the event of a weight overload or snags.

Aircraft — Release Ring — Safety Clip — Attachment Clip (Small/Large) — Drop Loop — Payload
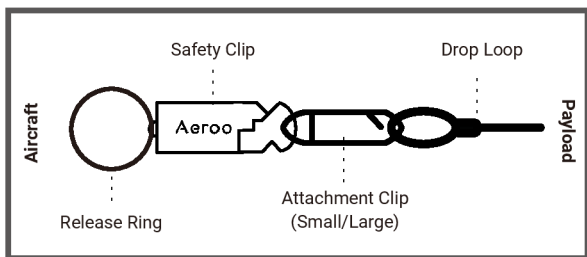
5.7 Drone Delivery

Aeroo Pro can be used to safely carry and drop almost any payload up to 1kg.

Attachment:
· Use an included release ring and or payload attachment cable.
· Insert into the release slot in the aircraft and press the button on the bottom of the aircraft to close the release pin.
· Use the caribiner end to clip to a bag or other object you wish to deliver.

Please follow the general precautions set out in the "Flight with Payload" section.

2m-5m+

1KG
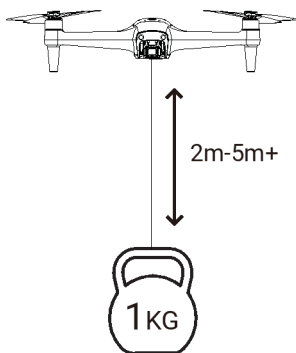
5.8 Flight Without a Mobile Device Connected

Aeroo Pro is capable of flight without any mobile device connected, however it is not recommeneded.

A mobile device will be required for:

- The initial activation of the aircraft

- Any pre-flight calibrations required

- Firmware updates

- Recording flight logs, smart flight modes, live image feed and other app features.

Flight Procedure (no mobile device connected):

1. Leave the aircraft still on the ground, and allow up to 5 minutes after powering the aircraft and remote on for it to acquire satellites, before it is ready to take off.

2. Follow the manual takeoff procedure to unlock the motors.

3. You can use the payload release, photo/video, flight mode and RTH button as normal.

No flight logs are saved when flying without a mobile device connected. This lack of information will void warranty claims in many cases.

5.9 Flight Control Modes

The aircraft will switch between control modes automatically according to how many GPS satellites are acquired. It will be indicated in the top right section of the app interface. Flying in GPS mode is safest and always recommended.

GPS Mode	GPS mode uses all available sensors for the safest and most stable flight possible. The aircraft will connect to over 20 satellites, forming a virtual box for the drone to hover in, even if you take your hands off the remote. AI flight modes and auto RTH are active in this mode.
Optical flow mode	Active only at altitudes under 5m, optical flow mode will use the downward vision sensors to read the terrain, keeping the aircraft stable. The max speed of the aircraft is 2m/s.
Attitude mode	Active only when the GPS signal is weak, attitude mode keeps the aircraft at the same altitude, it will drift horizontally.

4.2 Flight Speed Modes

The aircraft can be switched between 3 speed modes, by pressing the "F/N/S" button on the remote. Each mode should be used for its respective purpose:

Film Mode (F)	Maximum speed 3m/s
Normal Mode (N)	Maximum speed is 8m/s, adjustable in APP settings. Normal mode is recommended while carrying any payload.
Sport Mode (S)	Maximum speed is 17m/s. Sport mode is only available when in GPS mode.

5.10 AI Flight Modes

Aeroo Pro is equipped with multiple AI flight modes, which allow you to effortlessly create professional videos and perform autonomous flight.

Always check the environment to ensure there are no possible obstacles the aircraft could hit while flying autonomously.

During autopilot flight, you can press the red "X" on the left side of the app interface to switch back to manual flight.

5.10.1 Drop Point Autopilot

Drop Point Autopilot allows you to save previous drop points and program the aircraft to fly autonomously to these points.

1. Fly to the location of your desired drop point and press the payload release button on your mobile device.

2. A pop up will open in the app with the option to save this drop point.

3. After saving, a pin will appear on the map (lower left corner)

4. When you would like to return to this point (aircraft must be already flying), tap on the map menu and the desired drop point.

5. Set the desired flight parameters. We do not recommend exceeding 10m/s while carrying a payload.

6. Hit "Go" and the aircraft will autonomously fly to this point.

7. Once the aircraft reaches this point, you can release and return home as normal.

Please note the aircraft will not automatically release the payload at this point.

Payload Release / Save Drop Location
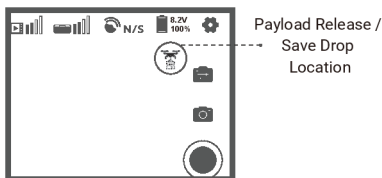
5.10.2 Follow Me

1.   Enter AI Flight Modes (left side of app) and select "Following Mode"

2.   Select "Follow Me"

3.   The aircraft will follow the remote at the set parameters, you can manually
        fly to adjust the camera angle.

Follow me, uses the remote controller's GPS position to track where you are, the
aircraft will then follow it at the set parateters. The below "Active Track" modes are
recommended for most follow scenarios.

5.10.3 Active Track

Active Track allows you to select any subject and the aircraft will visually follow it
as the subject moves.

1.   Enter AI Flight Modes and select "Following Mode"

2.   Select "Active Track"

3.   Select which active track mode to use.

4.   Draw a box around the subject and hit "GO"

The aircraft must be within 15m of the subject for to work, maximum speed is
limited.

Trace: Follows the subject from behind.

Parallel: Follows the subject from side on.

Orbit: Does a 360° circle around the subject.

Target: Keeps the camera focused on your subject while you fly in any direction. To
use "Target" simply enter any active track mode, draw a box around the subject
and then manually fly (do not hit "GO").

5.10.4 Waypoints

Aeroo Pro features advanced waypoint missions, which can be used for fishing drop point recording/planning, creative photography/videography, or for set delivery routes.

Enter AI Flight Modes and Select "Waypoint mode".

Waypoint Memory: Saves previous missions and allows you to repeat them precisely.

Waypoint Mission Planning: Is where waypoints are set before flight.

How to create a waypoint mission:

1. Power on and connect the aircraft and remote.

2. Enter "Waypoint Mission Planning".

3. Seclect "Add" and draw a path/point on the map.

4. (Optional) Select "Focus" and tap a point on the map. The camera will stay focused on this point (tilt is manually adjustable in-flight).

5. Once complete, select "upload".

6. Take-off, and fly the drone to a safe altitude, then press "Start".

7. The Aircraft will then autonomously fly to the starting position.

Parameters such as speed, camera focus and altitude can also be set mid-flight.

FAQ

How do I connect my phone and the remote control?

1. Please ensure the remote and phone are connected correctly using the supplied RC Cable.

2. Ensure the aircraft and remote are powered on.

3. Clean out your phone's charging port carefully (can use a pin/toothpick/ blu-tak) to ensure a better connection.

4. Switch your phone to airplane mode, and restart if necessary.

5. If it is still not connecting, please try using another cable, or email us at support@aeroodrones.com.

How do I fly without my phone connected?

1. Power on the remote control.

2. Power on the aircraft.

3. Allow up to 5 minutes for the aircraft to acquire satellites and become ready to fly.

4. Once it is ready to fly (there are no indicator lights), you will be able to unlock the motors by holding both joysticks down and out to the sides.

5. If it is not starting up, it may need a compass calibration - in which case you will need to connect your mobile device.

Firmware update is failing/slow?

1. Please allow up to 1hr for the update to complete (will vary by device type).

2. It is common for the update to be stuck on a certain percentage, please allow time for it to process.

3. The aircraft may beep or turn off during the update. Please disregard and follow on-screen prompts.

How do I setup for drone fishing?

Please refer to the "Fishing" section of the Manual, or check out our fishing page to safely get setup for drone fishing: https://aeroodrones.com/blogs/fishing

How do I turn on the bottom landing light?

Go to Settings > Aircraft > "Auxiliary light" and select your preferred mode, the aircraft must be flying for the light to come on.

Payload Release is not working?

Ensure you are pressing the button for a short press ~0.5s (not long or too short)

Ensure you are using a resistance-free drop loop and your payload is less than 1kg.

Test the release over land with varied payloads to check function.

Battery is not charging?

The charging station holds up to 4 batteries, but will only charge one at a time.

After placing a battery on charge, it will take a few seconds to begin charging.

How do I increase the range?

1.   Ensure the environment is clear and away from any sources of interference, including other RC toys, buildings, metal objects or radio towers etc.

2.   Turn your mobile device to airplane mode and disable Wi-Fi and Bluetooth.

3.   Face the aircraft at all times and keep it within clear line of sight.

4.   Point the remote antennas to always be perpendicular (flat side) to the aircraft.

The drone is flying in circles or not flying straight?

1.   Re-calibrate the compass.

2.   Perform a gyro calibration on a flat surface.

3.   Ensure you have GPS acquired and are in a clear area away from any interference.

4.   Allow the aircraft to hover for ~30 seconds after taking off.

RTH is inaccurate?

First, ensure "AI Search for landing pad" is turned ON, and you are using the correct pad. The RTH accuracy is determined based on how many satellites are acquired before takeoff. To improve accuracy, allow the aircraft to sit for a few minutes after showing "Ready to Fly" to acquire more satellites. Always take-off in a safe, wide, open space.

Gimbal Error?

1.   Restart the aircraft.

2.   Visit: Settings > Gimbal > Advanced Settings, and perform the Gimbal calibration.

Do I need to calibrate the drone before every flight?

Calibration will only occasionally be required after travelling long distances or in areas with high GPS interference.

It is good practice to calibrate the aircraft before each flight, to optimize stability.

How do I view/submit my flight logs?

In the app home page, click the three dots in the top right > Flight Log.

You can sync multiple flight logs by selecting the cloud icon in the top right.

You can sync individual flight logs by clicking on the flight and then selecting the share button (bottom right) > "Send to Aeroo" (top right).

How do I increase battery life?

Ensure the remote is only on while the aircraft is in use. Minimize flight with a payload attached. Avoid sport mode and fly at a consistent speed.

I am getting poor video/photo quality from the camera?

- Ensure the protective sticker is removed from the lens.
- Use manual settings.
- Check out our camera tips page, with walkthroughs and tips to perfect your camera settings and setup: https://aeroodrones.com/blogs/camera

How do I use the Gallery feature?

The Gallery feature works only while the aircraft is connected. The media downloads from the SD card to your mobile device wirelessly, which may take up to 30 minutes depending on your mobile device.

How do I setup for drone delivery?

Check out our drone delivery page to safely get setup for drone delivery:

https://aeroodrones.com/blogs/delivery

How do I use the Zoom feature?

Tap the "1X" at the bottom of the app interface, then slowly drag the slider.

Safety Disclaimer

The Aeroo Pro is not fully waterproof, and does not have obstacle avoidance sensors.

There are many variables involved while flying the aircraft, in particular when flying for fishing or delivery purposes. It is your responsibility to prepare for worst-case scenarios and take necessary precautions to ensure the safety of yourself and those around you. By using any Aeroo product, you agree to use the product only within the guidelines set out in this manual and on our website: aeroodrones.com.

You are responsible for any and all damages that may occur through the use of any of our products.

Video Tutorials

Visit the link below or scan the QR code to watch our tutorials, which run through how to fly the aircraft safely.

Download the Aeroo Fly App

Search for "Aeroo Fly" in the App Store or Google Play Store, and download to your mobile device.

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• You are required to download Aeroo Fly before your first flight.

• Aeroo Fly is compatible with Android 5.0 or above, and IOS 9.0 or above.
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Aircraft Overview

Aeroo Pro is a high performance, multi-purpose drone built for fishing, delivery and camera applications. The Aircraft is capable of professional photography/videography, as well as carrying and releasing payloads of up to 1kg over long distances.

Aeroo Pro features an industrial-grade motor system and intelligent 6S high temperature battery capable of flight times up to 45 minutes. The maximum flight and live image transmission range is 10km, with a top speed of 62kph. With a 4K, 1/2.6" camera on a stabilized 3-axis gimbal, Aeroo Pro is capable of capturing professional footage in extreme situations.

The Aircraft also features a number of optical and infrared vision sensors for precise flight. Features include auto takeoff/land/return home, intelligent payload stability, as well as many other AI smart flying features for an effortless flying experience.

Safety Summary

Always fly within legal and safe conditions, we have summarized generalised standards below:

1. Check the local aviation authority's website and review all relevant rules and regulations before flying. Always fly in a clear, open space.

2. Do not use aircraft to carry illicit/dangerous items.

3. Do not fly in rain, high winds, extreme heat (40°C+) or snow.

4. Always keep the aircraft within line of sight.

5. Do not fly in No Fly Zones (see your local authorities' "No Fly Zones Map")

6. Stay clear of people and flying over populated areas.

7. Do not fly under the influence of drugs or alcohol.

8. Minors under 18 years of age must fly under the supervision of a parent or adult guardian.

9. Operators must obtain a business license, Part 107 license, or equivalent when flying a drone for commercial purposes.

10. Keep away from airports, birds, international borders, military areas, government institutions, power stations, ports, buildings, railways, roads, and public gatherings, etc.

*The content above is for reference only

Operating the Aircraft

To reduce the chances of serious injury and property damage:

- Never fly under the influence of alcohol, drugs, or any other condition which may impair your ability to operate the aircraft safely.

- Use very gradual controls while carrying a payload

- During takeoff/landing, ensure the remote is always on while the drone is being powered on/off.

- Do not carry or drop any dangerous/illegal payloads, or payloads that can cause injury or harm to people, property or animals.

- Never attempt to catch the aircraft.

- Do not fly the aircraft if it has been crashed or not in good condition.

- Familiarise yourself with local laws and have a contingency plan in the event of an emergency.

- Never fly the aircraft close to any people or property, or in a reckless manner, particularly while carrying a payload.

- Respect the privacy of others when using the camera, always comply with local laws and moral standards.

- Never use the aircraft for illegal or inappropriate purposes, such as military operations, to defame, traspass, harrass, threaten or otherwise violate others' right to privacy.

Flying with a Payload

- Never exceed the 1kg max safe payload. We suggest starting with <500g.

- Keep the payload at least 2m below the aircraft, to increase stability.

- Never fly in sport mode or high wind mode while carrying a payload. The aircraft will tilt more in these modes, increasing the risk of propeller entanglement.

- Do not use violent or jerky control stick movements, slowly push each stick forward/back, etc. to keep the drone under control.

- Fully read this manual, in-particular the Drone Fishing and Drone Delivery section, before flying with a payload attached.

Disclaimer

Aeroo accepts no liability for damages, injuries or any legal responsibilities directly or indirectly from the use of Aeroo products under the following conditions:

- Damages, injuries or any legal responsibilities when users are drunk, under the influence of drugs or anesthesia, dizzy, fatigued, nauseous and/or affected by other conditions both physical and mental that could impair sound judgment and/or personal ability.

- Subjective misjudgment and/or intentional misoperation of products.

- Any and all mental damage, trauma, impairment, illness, compensation caused/solicited by accidents involving Aeroo products.

- Product operation under illegal circumstances including but not limited to no-fly zones (i.e. natural parks).

- Malfunctions or problems caused by modification, refit, replacement or use with non-Aeroo accessories / parts, failure to follow the guidance of the manual in assembly or operation.

- Damages, injuries or any legal responsibilities caused by mechanical failures due to natural wear and tear (aircraft flight time clocking in 100 hours or above), corrosion, aging hardware, etc.

- Continued flight after low voltage or overload protection alarms are triggered.

- Deliberately flying aircraft under abnormal conditions (such as when water, oil, soil, sand or other unknown materials are inside the aircraft and/or transmitter are incompletely assembled, the main components have known or obvious faults, defects or missing accessories, etc).

- Flying in the following situations and/or environments: areas with magnetic interference (such as high voltage lines, power stations, broadcasting towers and mobile base stations), radio interference, government regulated no-fly zones, if the pilot loses sight of the drone and suffers from poor eyesight or is otherwise unsuited for operating Aeroo products.

- Aircraft use in or exposure to bad weather, such as a rain, wind, snow, hail, lighting, tornadoes and hurricanes.

- Products involved in/exposed to collisions, fire, explosions, floods, tsunamis, man made and/or natural structure collapses, ice, avalanches, debris, landslides, bird strikes, earthquakes, etc.

- The acquisition, through use of Aeroo products (specifically but not limited to this aircraft), of any data, audio, video that results in infringement of law and/or rights.

- Misuse and/or alteration of batteries, product/aircraft circuits, hardware protections (including protection circuits), RC model and battery chargers.

- Any malfunction of equipment or accessory, including memory cards, that results in the failure of an image or video to be recorded or to be recorded in a way that is machine readable.

- Users who engage in reckless, unsafe flying (with or without sufficient training).

- Non compliance with precautions, instructions, information and operation guidelines/methods given through official Aeroo website announcements, product quick start guides, user manuals, etc.

- Other losses, damages, or injuries that are not within the boundaries of Aeroo responsibility.

THE BATTERY IS HIGHLY COMBUSTABLE WITH THE RISK OF EXPLOSION.
DISPOSE OF USED BATTERIES ACCORDING TO YOUR LOCAL REGULATIONS.
HAZARDOUS MOVING PARTS KEEP FINGERS AND OTHER BODY PARTS AWAY.

Declaration of Conformity
Hereby, Aeroo Innovations Pty Ltd., declares this product is in compliance with the essential requirements and other relevant provisions of Directive 2014 / 53 / EU. A copy of the original Declaration of Conformity can be obtained at the following address: Factory 10, 6A Prosperity Pde, Warriwood, NSW, 2102, Australia
This product bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European Directive 2012 / 19 / EU in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact your local or regional authorities. Electronic products not included in the selective sorting process are potentially dangerous for the environment and human health due to the presence of hazardous substances.

FCC Information

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 local dealer or an experienced radio/TV technician for help.

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

CAUTION: Any changes or modifications not expressly approved could void the user's authority to operate the equipment.

Electrical and electronic equipment that are supplied with batteries (including internal batteries)

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal. Internal / Supplied Batteries.

This symbol on the battery indicates that the battery is to be collected separately.This battery is designed for separate collection at an appropriate collection point.

Please read this manual fully before use.

● Never leave batteries unattended when charging
● Unplug the charging cable immediately after charging
● This aircraft can cause serious injury or death
● This product is not a toy
● Not suitable for children under 14 years of age

About Aeroo

We are an Australian startup with a big vision, that drones should be used for more than just a pretty picture. Founded during COVID in 2021 on Sydney's Northern Beaches, fishing, delivery and a passion for photography inspired us to create a simple, powerful drone with a purpose.

There's nothing we care more about than seeing you get the most out of your drone. Our experts are always on-hand to help.

For any questions, big or small, visit:
-        www.aeroodrones.com/pages/support
-        Or simply email: support@aeroodrones.com

Product name: Aeroo Pro
Product Standard Number:Q / HBS 001-2017
Vendor: Aeroo Innovations Pty Ltd
Address: Factory 10, 6A Prosperity Pde, Warriwood, NSW, 2102, AUSTRALIA
Email: support@aeroodrones.com
WWW.AEROODRONES.COM