

Fisherman Max & FD3 (New Zealand Version) Drone

IMPORTANT INFORMATION ABOUT THIS NEW

ZEALAND MODEL

IMPORTANT – PLEASE READ & ENSURE YOU UNDERSTAND BEFORE ATTEMPTING TO FLY!

By Flying this Drone you are agreeing that you have read & understand all of the notes & documentation contained within, including The Product User Manual, Disclaimer Documentation, and this Support Documentation & that you agree that you will abide by all New Zealand laws & legislation surrounding the usage of this Drone (Including the Civil Aviation Act 1990)

PLEASE MAKE SURE YOU HAVE FULLY READ, UNDERSTAND, AND ARE WILLING TO FOLLOW THE INFORMATION & INSTRUCTION CONTAINED IN THIS SUPPORT DOCUMENT, BEFORE ATTEMPTING TO FLY THIS DRONE

PLEASE NOTE: Information contained in this document is designed to supplement the “User Manual” & highlights important local information to assist when flying specifically in New Zealand. GIVEN NEW ZEALAND’S DIFFERENT OUTDOOR ENVIRONMENT & RUGGED CONDITIONS, PLEASE USE INFORMATION CONTAINED IN THIS SUPPORT DOCUMENT FIRST & FOREMOST – REFRAIN FROM REFERING TO ANY THIRD PARTY DOCUMENTATION AVAILABLE ONLINE FROM INTERNATIONAL SOURCES – APART FROM THE INFORMATION THAT COMES WITH YOUR DRONE (WHEN IN DOUBT – REFER TO THIS DOCUMENT)

(Information contained in this document specifically pertains to The SWELLPRO NZ model DRONE and is correct at the time of publishing, however instructions and information is subject to change without notice.)

FOR FURTHER VIDEO INSTRUCTION PLEASE VISIT THE JCMATTHEW YOUTUBE OR THE SWELLPRO INTERNATIONAL CHANNELS on the Internet (Easy to find by searching for “JCMatthew” OR “SWELLPRO” on YOUTUBE)

It is advisable that you familiarize yourself with these videos, but please note that these videos and instructions are limited & are not intended to take the place of good professional training of this drone. It is your responsibility to access any professional training to ensure you have the appropriate knowledge, skill level to fly, and control this drone.

There are a number of third party or consumer made videos available online & YOUTUBE. We advise STRONGLY that you DO NOT take instruction¹ from any of these videos, as the information can often be incorrect OR they relate to old models OR show incorrect usage of the product, none

of which SWELLPRO OR JCMatthew NZ Condone.

RECOMMENDED

- If you are a new or inexperienced drone pilot OR are unsure about any aspect of the use of your Swellpro drone, then we highly recommend seeking professional training BEFORE flying this drone. Any accident or damage resulting from lack of training or knowledge with the product remains the responsibility of the pilot.

IMPORTANT INITIAL NOTES

- Please note – Your new NZ Model drone has been specifically set up, tuned for New Zealand conditions & has been checked & tested to ensure it flies and performs perfectly before leaving our New Zealand premises.
- Before a flight, ALWAYS turn on the Remote Control before Powering up the Swellpro Drone.
- Also ensure before you turn on the Remote Control – that all the switches are in the up position. If not done, you are likely to get a constant “BEEP-BEEP-BEEP” Sound until this is corrected.
- When learning to fly, please start the Drone in “GPS Mode” which means the related switch on the Remote is in FULL-UP position. This ensures the drone is able to hover horizontally with little or no horizontal drifting.
- Prior to take-off, ensure you read and understand the telemetry data (important drone information) that is displayed on your remote control display, and are able to monitor this information during your flight (just as you would monitor the gauges on the dashboard of a car when you are driving it).
 - Critical information to monitor includes : Number of GPS Satellites, Drone Battery Level/Voltage and Remote Control Battery Level, Horizontal distance, Vertical Height, any alarms or error messages.
 - Do not attempt to fly if ANY of this information is showing In RED Text (rather than YELLOW Text).
- Make sure the batteries of both the Swellpro Drone & the Remote Control are fully charged using the provided charger before you attempt² to fly.
- Remember that by just having good Satellite reception this **DOES NOT** in itself provide

confirmation that the drone will fly without issue.

- The New Zealand models of the Fisherman Max and FD3 are rated at IPX5 to NZ and AU Standards and are therefore classed as Water Resistant. Other versions of these drones sold in other parts of the world have different ratings, which can be ignored as they are not applicable here.
- In GPS Mode, **DO NOT Attempt to take-off UNTIL you have at least 15 satellites.**
- Before Flight, ALWAYS MAKE SURE** that the drone is in perfect working condition:
 - That the motors are turning smoothly/ perfectly and are free of sand, containments & corrosion. Do not fly if the motors have sand inside OR are not free spinning.
 - That the Payload release and Camera Gimbal (depending on your model) is working perfectly and smoothly & free of corrosion & there is no damage to either of these two parts.
 - That the Propellers are in original condition – DON'T fly with damaged propellers!
 - That there is no internal corrosion, water or water damage found inside the drone & the drone electronics & lights perform as expected prior to flight.
 - That there is no sand or contaminants or corrosion around external areas of the drone & in particular the LID of the drone, which will effect the seal on the LID of the drone, particularly when used around water.
 - That the water resistant membrane is not damaged.
- Get to know and understand what the Lights on the arms of the drone mean, and pay attention to these lights at all times when using the drone.**
- *IMPORTANT* Although this Swellpro Drone is capable of floating* (*The Fisherman Max requires floats to be installed first) IN CALM WATER CONDITONS if required, this should only be attempted in emergency situations, as part of the top section of the drone is INTENTIONALLY NOT 100% waterproof, sealed or completely watertight for technical reasons (although it is designed to resist some water entry). Therefore the Drone SHOULD also NOT be fully submersed below water OR BE INTENTIONALLY LANDED IN SURF OR ROUGH SEA CONDITIONS, as this may lead to some water entering the drone & could lead to electrical issues – which ARE NOT covered under warranty.**
 - Please also see the Maintenance & care notes below.
 - The SWELLPRO FD3 and Fisherman max Models that are promoted and sold here in NZ are rated at a water resistance level of IPX 5, please see our website for more information: [www. Swellpro Drone.co.nz](http://www.SwellproDrone.co.nz)
- If you have a WIFI Feature on your Smart Phone or Tablet (and are not intending on using the FDFLY APP while flying) – **PLEASE TURN OFF your phone OR PUT it into “FLIGHT MODE” BEFORE attempting to Fly this drone** – as there is a small chance that this could cause interference to your drone potentially causing a crash (at owner’s risk). Also it is advised not

carry your car keys in your pocket while flying the drone, please place them away from the drone and controller before taking off.

- **DO NOT FLY your drone while your flight area is being effected strong WIFI Networks, Radio Interference, Radar, Microwave, External Electrical, Atmospheric, Magnetic interference, or interference to the GPS Satellite reception signal** . ANY of the above can result in loss of control of the drone while in flight and is not covered under warranty.
- **Before every flight, Please check to ensure that the Payload release or Camera/Gimbal (depending on model) is fully working perfectly and smoothly & the release pin is moving smooth & easily and is Free of salt & corrosion BEFORE FLIGHT**, (which it will be if properly maintained). In exceptional circumstances a malfunctioning Payload release or Gimbal – can lead to internal electrical issues for the drone, uncharacteristic movements in the air & possible crash (which is not covered under warranty).
If the Payload Release is not in perfect working condition, please replace the Payload release before flight.

General IMPORTANT Information

- **This NZ Model Drone is water resistant but NOT Watertight or sealed** . The Drone will take water splashes but is not designed to be either submersed in water, nor should it be purposely landed in surf conditions. NOTE ALSO: If you are using the Fisherman Max please Note that the Max WILL NOT FLOAT Unless the floatation arms are securely attached to the drone.
- Please ensure that the Propellers are Installed⁴ Correctly – and the correct Propeller is placed onto the correct motor. It may take you a couple of attempts to get used to putting them on

properly – but once you have mastered this – it is easy. **With the new Screw-on propellers it is important that they are screwed up tightly and that they are not cross-threaded! THIS IS VERY IMPORTANT!**

- ✦ Note that each propeller is labeled A or B. Make sure the correct propeller is matched with the correct Motor which are also labeled A & B
- ✦ Please ensure that all of your Propellers are securely fastened before Flight.
- ✦ Please DO NOT Fly with Damaged Propellers OR with Propellers not installed correct as a Crash may result, which is not covered under warranty.
- ✦ Please DO NOT operate the Drone close to power lines, large metallic objects (like cars) or other radio interference, as this may significantly effect the compass, GPS, and Radio Control possibly resulting in a crash (at owners risk).
- ✦ In an emergency situation where you need to bring the drone down fast or you need to crash-land it, make sure you shut the motors down INSTANTLY on impact with the ground. If the motors continue to spin, THE MOTORS MAY BEGIN TO SMOKE & WILL BURN OUT. This situation is NOT Covered under warranty.
- ✦ Please note that any Crash or Drone Damage (or third party damage) resulting from any water inside the drone which causes electrical issues, is not covered under warranty. The drone IS designed to resist Splashes of water, provided the white Nano-fabric material is not damaged, is clean & clear of contaminants/sand. Remember that the Water resistant Nano Fabric to allow air to enter (but will also resist water entry) is designed to be not 100% sealed or watertight.
- ✦ **As unforeseen circumstances can arise, It is highly recommended to talk to your insurance company before you fly the drone about organizing insurance cover for you & your drone before you fly.**
- ✦ Please DO NOT attempt to take out any of the screws of the drone or take the drone apart or self-service. Doing so will automatically void the manufactures warranty. Also any attempt to service the drone by a non-authorised service agent (ie. Anyone other than Swellpro NZ Service Centre based in Rosedale, Auckland), will also void the warranty.
- ✦ **REMEMBER – that the “RETURN HOME” Switch is NOT a failsafe or safety back-up feature, this switch is ONLY there only for convenience.**
 - ✦ If the drone does NOT behave as expected when the Return Home Switch is turned on (which can be regarded as an autopilot setting) & doesn't begin returning to you upon actioning this switch – **Then TURN OFF “RETURN HOME” IMMEDIATELY**, as often this means that there could be some other issue, including external interference.
 - ✦ If the drone ever behaves unusually in the air in GPS Model – please move the Switch on your controller from “GPS” Mode to “ATTI” / Manual Mode INSTANTLY & bring the drone home at once.
“ATTI” mode turns off many of the sensors on the drone & allows you to control the drone manually. **DO NOT USE AUTO-RETURN HOME IF THE DRONE IS FLYING ERRACTICALLY OR NOT RESPONDING TO YOUR CONTROLS.**

SWELLPRO DRONE BATTERY & POWER CABLE NOTES: IMPORTANT!

- **AT ALL TIMES, PLEASE PAY ATTENTION TO THE BATTERY INDICATOR ON THE REMOTE CONTROL DISPLAY SCREEN (THIS SHOWS IN "V" FOR VOLTS).**
 1. **ONCE THE VOLTAGE DROPS TO 22.2V (or first visual and audible alarm warning on your remote control) - Please fly the drone home ASAP and land it safely AS THE BATTERY IS VERY LOW AT THIS POINT!**
 2. **Once the battery level indicator reaches 21.6V- there will be a second visual and audible alarm on the remote - which will begin to flash. At this point the drone battery is Dangerously close to empty & the drone will begin self-landing shortly.**
 3. **The Drone will land soon after this in it's current location (PLEASE BE AWARE!)**
- **Before Flight after installing the battery, always ensure that the battery is fully secured inside the battery cavity (this varies depending on whether you have the Fisherman Max or the FD3 model)**
- **Always make sure that both the drone battery and remote control battery are fully charged before attempting to fly - in other words, wait for the Battery charger to complete charging & then shut down itself (ie the fan will turn off), before disconnecting the battery from the charger. This will maximise your flight time. Never leave your battery charging unattended & do not charge overnight.**
- **Never Use a different Charger to charge your drone or Remote battery - only use the charger that was in the box.**
- **If you have the Fisherman Max battery, make sure that the battery is secure inside the battery cavity and each of the four tabs are pushed across to lock the battery in place (the yellow markings should NOT be showing)**
- **If you have the FD3, then make sure the battery is pushed all the way (horizontally) into the battery cavity and is then pushed further using your thumb - so locks into place, before closing the battery cover and securing the latch.**
- **When using the charger, please DO NOT attempt to charge multiple batteries at one time with the same charger.**
- **NEVER leave your Batteries unattended while they are charging. Lithium battery chemistry is Volatile and therefore batteries need to be minded at all times. It is also highly advisable to purchase a **Thermal or Fire-proof Bag** - with which to place your battery into while it is charging. This helps to limit & isolate any heat and flames & therefore reduce any damage in the unlikely situation of a battery catching fire.**

- When charging the drone battery, plug in both cables (RED and BLACK circular) into the circular slots, then the Black Cable with the White Flat Connector - between the battery and charger (being careful not to touch ANY Cables together during this process), next plug In the charger at the wall, then power on the charger. It will require you to push the start button to start charging.
- please don't store either of the drone battery or remote battery with no charge in them as you may damage the battery.
- **Never Store your Drone Battery with either a FULL Charge OR When it is fully drained** – as this will damage your battery, Reduce it's battery life and could make the battery dangerous to use from that point. The Drone battery needs to be stored on 50% - 70% charge. Also during storage it is important to check the battery every month or two to ensure it remains at 50% charge.

General camera and video information

- If your drone is equipped with a camera – please make sure you handle the camera with great care ensuring that you do not land the drone on rocks (where the camera can be damaged) or the drone camera gets pushed into the sand or other surface when landing or come down hard, in case it damages the delicate camera.
- Likewise be careful of the external Cables in & around the Payload Release & Camera, and be careful not to pull on these sensitive cables as this may damage them.
- The Swellpro Drone Radio control transmission range is upto 1.5km (Line of Sight), & if you have a camera installed on your drone, the FPV Video range (line of sight) is normally upto about 500m reception depending on conditions & terrain. Any objects between the drone and the pilot will effect the Live video feedback quality & the drone control range.
- If you have a camera remember that some Live video display shakiness or noise is normal when flying & viewing the LCD Monitor, particularly at distances 250 metres or more.
- Note that the live camera feed may produce significant noise and static at ranges above 500m. This will not affect the flight range of the drone which is upto 1.5km.
- The two Antennas of the remote control should always be “side facing the drone” while the drone is in flight. This means “pointing” both antenna up toward the sky. Never “point” the end of the antennas toward the drone while it is in flight as this will significantly reduce the control and video range of the drone.
- If you have a PROFISH Model of either the Fisherman Max or FD3 with a recordable camera – then it's important to make sure that the Micro SD Card Rubber Cap on the camera is securely

pushed in. as a further safety measure it's a good idea to lightly use a small amount of silicon grease around the sides of the rubber cap, to further seal against water intrusion.

General APP information (for when using a phone or tablet)

- DO NOT attempt to Fly using the APP Alone, always use the APP in conjunction with the Remote Controller.
- The Phone can be connected to the controller using the included phone mount in the box.
- The Sequence of setup events if you choose to use the APP is:
 - Turn on the Remote Controller > Then Turn on the Drone, then let these two sync and communicate with each other correctly, so you can see telemetry information on the Remote control display.
 - After this has been done successfully, open your phone and follow the instructions in the product manual for this drone (Under the APP Section).

Important Notes Particularly For Less Experienced Flyers or those not experienced with flying this drone

- **SEEK Training if you are unfamiliar or not confident with any aspect of the use of this drone.** Like when you purchase any new product there is no substitute for good training. The manufacturer provides the basic information in it's product manuals and videos around the use of the product, but not everything can be covered – so it is upto the flyer themselves to become familiar with the use and features of the product, and to also understand what to do in an emergency or difficult situation, and the best way to do this is engage in professional training specifically for the product you have purchased (ie. Not photography drone/DJI drone training as this type of product is very different). It is the flyers responsibility to ensure they are in control and have adequate skills and knowledge to fly this drone at all times.
- **ALWAYS carry out a PRE-Flight Check on your Drone before attempting to take off.** This includes making sure the Propellers are all spinning Freely, the Drone is free of Salt build-up or Corrosion & there is NO Damage to the drone & the switches on the remote & joysticks are all operating smoothly as they should. This is Particularly important if the drone has been in storage for some time – because Corrosion & salt can cause significant damage over time (both inside and outside the drone).
- **Please learn how to manually fly the drone with the controller (at least 10 flights) BEFORE attempting to use the APP on your phone to control the drone.** ALSO DO NOT use the APP unless it is mounted securely on the Remote Control.
- **It is highly advised to keep the Remote Controller is in GPS Mode** – the Drone should

maintain a GPS position fix allowing for better control.

- Before Taking off in "GPS" Mode, please ensure that you have a GPS Signal Strength of 15

- Before every attempting to fly in "**ATTI**" (Manual) mode you will need to be a proficient flier with experience and good orientation.

- 📌 **This Drone is NOT a Toy.** Care must be taken when flying, particularly if you are new to operating a Drone. **Please keep a safe distance away from the drone at all times (8+metres). It is highly advisable that you have had some Multi-rotor Flying experience before using the Swellpro Drone.**

Please also be aware of your surroundings before flying & keep the Drone at low flight altitudes (below 15 metres) until are completely familiar with it's control. **At high altitudes, it is easy for the Drone to be blown or move off the general flight area.**

Children should NOT operate this drone under any circumstances as it is not a toy.

- 📌 During a flight, If you ever Flip the (Return Home) Switch from "Normal" to "Return Home" – and the Drone does not respond as anticipated OR begins to move in a different direction, this often means there could be External Radio or magnetic Interference effecting the drone. **IN THIS INSTANCE – PLEASE SWITCH OFF RETURN TO HOME AT ONCE TO REGAIN CONTROL OF THE DRONE. IF THE PROBLEM PERSISTS – SWITCH TO "ATTI" MODE IMMEDIATELY AND MANUALLY FLY THE DRONE HOME.**

- 📌 We recommend that new fliers purchase a toy level drone and gain some flying experience and practice.
- 📌 Initially keep the drone within 50m to 80m range – so you become more used to flying the drone
- 📌 Always Face the Drone away from you before taking off, with nose facing away from you.

General Maintenance & Care

- 📌 After a day flying around the water or ocean (or salty) environment we recommend (While the Drone's battery compartment includes the battery inside are completely sealed down) using a light spray of FRESH water on the external parts of the drone especially including motors and other metal parts to remove any salt or other contaminants & then towel dry the drone off completely.

- Ensure that the Motors are spinning freely & smoothly, are all relatively quiet and are completely clear of sand and contaminants (as this can effect the flight of the drone), otherwise remove the sand or contaminants at once. Although the motors are marinized, if sand and contaminants remain in and around the motors or corrosion develops (due to lack of maintenance) – this could cause further issues including the bearings & therefore effect the ability for the motors to work properly - which could effect the drone in flight. Damaged motors & bearings due to the presence of sand or corrosion or lack of maintenance will not be covered under warranty, however the Swellpro NZ Service team can clean or replace the motors at a cost.
 - Under normal conditions when no visible signs of moisture are detected, Once the drone has been lightly sprayed down with fresh water & the drone dried off – it is recommended that the battery LID is opened and the battery is removed from the drone & the Drone is placed & temporarily stored in a dry & ventilated environment (STORE WITH LID OFF, TO ALLOW VENTILATION) & if possible use readily available Anti-Moisture Sachets which can be placed inside the drone. This allows any excess moisture to be removed quickly.
 - The Drone should **NEVER** be put away in the case WET (ether fresh or salt water) – as this will cause corrosion.
- 🔧 Always check your drone for any salt or corrosion BEFORE & AFTER A FLIGHT for any signs of external or visible internal corrosion or damage, including any visible damage to the water resistant membrane (**PLEASE DO NOT FLY NEAR OR OVER WATER IF THIS IS DAMAGED**), & the quick release system & camera on the bottom of the drone. Any signs of corrosion – DO NOT FLY and Return to the drone to the Authorised NZ Swellpro Service Agent in Auckland for a service.
- 🔧 Ensure that the Drone Battery is NOT Stored (more than a couple of days) with EITHER 1) A FULL Charge OR 2) A Drained Battery. Batteries should Be stored with around 50-60% charge.

- If you are storing your drone and batteries for a long period of time (ie. Months) then it's important to maintain charge of the battery every six weeks to ensure it is charged to 50-60% charge.

🔧 **IMPORTANT TO REMEMBER: ANY WATER THAT ENTERS INSIDE THE DRONE (EITHER FOLLOWING A CRASH OR THROUGH NORMAL OPERATION) WILL ULTIMATELY CAUSE CORROSION TO THE ELECTRONICS – Which is not covered under warranty.**

DO NOT attempt to ARM the motors or fly the drone if there is ANY moisture inside the drone, as this may cause electrical issues, not covered under warranty.

- In this situation PLEASE get the drone back to the JCMatthew Service Centre in Auckland for a Service.

🔧 **PLEASE PAY SPECIAL ATTENTION TO MAINTANCE OF THE PAYLOAD RELEASE CLIP & THE CAMERA (Depending on your model) UNDERNEATH THE DRONE.** Although these parts are water resistant, if not correctly maintained, and are free of salt, at best they can stop working, in extreme cases this can cause electrical issues for the drone itself – effecting flight (which are not covered under warranty). Do not use the drone if the Payload release is not working correctly. **Make sure this is fully working condition (and tested by the pilot before Flying each time)**

🔧 If this drone is used around black sand beaches (ie. The West Coast), please be aware that if the drone comes into direct contact with Black sand (High Iron content), the sand can get into the magnets of the motors, and is difficult to remove. Any damage to motors from sand intrusion is not covered under warranty.

- If the Drone does come into contact with Black Sand, then please get it back into JCMatthew for a service. You may be able to remove white sand inside the motor yourself Or get it back to Swellpro NZ Service centre for them to remove it at a cost.

🔧 If the drone has being used for the first time in a while or after being stored – it is a good idea to do a test flight over a part of field at low altitude to ensure everything is performing as expected, there is no corrosion, batteries are working fine, and to check there are no obvious signs of any issues.

🚫 NEVER Fly with Damaged Propellers.

- This includes damage to the blades themselves, and also the Centre Mounts and threads.
- With the Fisherman Max and FD3 they both have screw on Propellers. It is important not to cross thread the propellers while screwing them on, or taking them off. If there are contaminants like sand on either the propeller thread or motor mount thread - this contaminant must be removed at once. Also there should be NO mis-alignment when screwing the propellers on. Both of these situations can lead to an inadequate fit, and cross threading.

IT IS IMPORTANT THAT YOU NEVER CROSS THREAD, AND INSTEAD CREATE A TIGHT & ALIGNED FIT FOR YOUR PROPELLERS ON THE MOUNTS - OTHERWISE THIS CAN LEAD TO PROPELLERS COMING OFF WHILE INFLIGHT . THIS IS NOT COVERED UNDER WARRANTY.

IMPORTANT DO'S AND DON'TS of Lithium batteries. Please Treat them with Care.

- 🚫 **NEVER Leave Lithium based Batteries (LiPo or LiHV) unattended when charging** – on very rare occasions they have been known to catch fire.
- 🚫 **Never use a Different charger to charge the Manufacturer supplied battery** – from what came in the box.
- 🚫 **DO NOT DISCHARGE Lithium Batteries more than 20% of the Charge State OTHERWISE THEY MAY NO LONGER HOLD A CHARGE & MAY SWELL.**
This means making sure you bring the Drone down to land as soon as you the audible voice “Battery Low” Voice Alarm goes off OR battery indicator on the Remote Control Screen Indicates low Battery. Continued draining of the battery of charge while in flight may result in a reduced battery life or even an inability to recharge the battery at all (no warranty coverage)
- 🚫 **DO NOT USE BATTERIES THAT HAVE SWELLED.**
- 🚫 **DO NOT CHARGE A BATTERY THAT IS STILL WARM FROM RECENT USE IN AN RC DEVICE.**
- 🚫 **DO NOT USE BATTERIES THAT HAVE BEEN DROPPED OR ARE PHYSICALLY DAMAGED IN ANY WAY.**
- 🚫 **DO NOT ATTEMPT TO CHARGE BATTERIES THAT ARE BELOW MINIMUM VOLTAGE**
- 🚫 **IF A BATTERY FAILS TO CHARGE WITH THE ORIGINAL CHARGER (WITHIN APPROX 3 HOURS for the FISHERMAN MAX & 2 HOURS FOR THE FD3) – REMOVE IT FROM THE CHARGER AT ONCE.**
- 🚫 **DO NOT ATTEMPT TO USE OR CHARGE A BATTERY THAT IS DAMAGED IN ANY WAY INCLUDING ANY BURN MARKS ON THE BATTERY VISIBLE.**

⚠ DO NOT ATTEMPT TO CHANGE THE BATTERY CHARGING SETTINGS ON THE CHARGER

FAILURE TO FOLLOW THE ABOVE BATTERY INSTRUCTIONS – MAY RESULT IN A BATTERY THAT NO LONGER WORKS AT BEST, OR IS DANGEROUS & A FIRE RISK AT WORST

FAQ's

1.	Drone won't power up .. no lights and no sounds .. when the battery is first	Make sure the Lithium battery is fully charged If the drone has recently been in a crash – please contact the JCMatthew New Zealand Service Centre or Retailer & take you drone in for service.
2.	Initialization went great can't get GPS lock	Make sure you are outside and have view of the sky. The first time you try and get a lock may take a number of minutes. It usually only take about 30 seconds on subsequent GPS locks

3.	It initialized and I got GPS lock but I can't arm the motors.	<ol style="list-style-type: none"> 1. Check that you have a strong Satellite fix. 2. Check the remote control screen to see if there are any alarms or error messages. 3. Make sure the Remote Controller is in the appropriate mode. 4. Try to arm motors again. Sometimes you may need to hold the joysticks (down and in) for several seconds to get it to unlock the motors and begin spinning.
5.	Got it into the air and it was difficult to control	<p>Check motors with props off</p> <p>If the Swellpro Drone has been recently crashed, Check for other visible damage to the drone: Damaged Motors, Bent Props, etc.</p> <p>Please contact the JCMatthew / Swellpro New Zealand service Centre at once.</p>
6.	Drone would not get into the Air – keeps tipping over	<p>Check Correct Propellers are on the correct Motors – there are two types (Clockwise and Counter-Clockwise), the Correct Propeller must be placed on the correct motor otherwise it won't fly. When in doubt, the Propeller with the orange dot should match the motor</p>

Before Flying

1. Before flying, if any sand is found around the top compartment on the fisherman max and on the battery hatch/latch of fd3, it needs to be brushed off before flight as the gaskets and seals will not perform as required against water intrusion.
2. The floaters for the Fisherman Max needs to be installed before flying, **please only use the floaters that came with the drone , any altered product used to replace the**

floaters will be considered as non warranty and the drone may sink in the sea in case of crash or landed by mistake.

3. The Membrane needs replacing in case it gets wet or if its been used for more than 3-6 months, depending on the use. Please do not fly in this case as this can affect the water resistance of the drone against water intrusion and condensation of the GPS module.

IMPORTANT Flying Tips:

- ✚ **Do not fly this drone INSIDE buildings.**
- ✚ **ONLY ATTEMPT to fly your drone when you have more than 15 satellite strength showing on your remote controller display, and that ALL drone telemetry is showing ONLY "YELLOW" Text and NO "RED" Text is visible on the screen - as this indicates that the drone is not in a position to fly. Also do not fly if there is an audible alarm or on-screen error message.**
- ✚ **During a flight, If you ever Flip the (RTH) Switch on the Controller to go into "RETURN HOME" Mode - and the Drone does not respond as anticipated OR begins to move in a different direction, this means there could be External Radio, WIFI, radar, microwave, or magnetic Interference effecting the drone. IN THIS INSTANCE - PLEASE SWITCH OFF RETURN TO HOME AT ONCE TO REGAIN CONTROL OF THE DRONE & FLY IT HOME MANUALLY.**
- ✚ **If you are new to flying, start out cautiously AND ALWAYS BE VERY GENTLE WITH THE JOYSTICKS ON THE CONTROLLER. This drone does hover by itself - which can lead to over-confidence**
- ✚ **For the first 3 flights, find a big paddock or field with no cars, no houses, no people, and no dogs - or any magnetic or radio interference. Do not fly over water initially.**
- ✚ **For your first 5x flights, go out in completely still/ Completely windless conditions. Then after this, ONLY fly in breezes (under 15 knots). Anything over this the drone can become more difficult to control & may drift with the wind slightly, especially when carrying a payload.**

- ✦ For your first flights do not fly too high (remain under 15 metres high) – as air currents can easily catch the drone and move it out of range very quickly.
- ✦ For your Flight times, don't push your luck with batteries with low charge, particularly when carrying weights and OBEY any Low Battery warning messages that come up on the Remote at all times. NEVER let the battery drain out before flying the drone home. For new pilots, to get used to the drone DON'T carry weights & stay with flight times under 15 minutes.
- ✦ Keep the Splash drone on GPS Mode (Switch Fully UP) until you get very comfortable when flying.
- ✦ When learning, you are best NOT to use "Yaw" which is (left/right) the left hand joystick – only use the throttle (up/down) on the left hand Joystick to start with.
- ✦ Use the right hand joystick to move the drone around, but move the Joysticks gently. You will find that the Drone generally holds altitude.
- ✦ Ensure that the Remote Display shows GPS Signal Strength of 15 or more before attempting to lift off & the external drone lights are all showing Solid GREEN & RED.
- ✦ Remember that this drone does not have obstacle avoidance sensors (like some other drones) so it's important to be fully aware of trees, cliffs, other structures, people, dogs etc. Flying the drone responsibly, is the responsibility of the pilot.
- ✦ Further to the above, ONLY fly your drone line of sight (ie. Where you can physically see the drone while in flight). NEVER fly your drone 1) behind any structure, tree, building, bridge, terrain, etc OR 2) Too far away that you can no longer see the drone, as both of these activities is considered dangerous, and not consistent with NZ Law.
- ✦ If in "Return to Home Mode" – you can quickly exit this mode by flipping the "Return Home" Switch Completely OFF to regain control – this means you are able to control that land on a flat landing spot manually.
- ✦ Under exceptional circumstances If the Drone ever starts to fly erratically, or won't respond to your inputs move the GPS switch to the ATTI (Or Manual) position, please

land as soon as possible! DO NOT USE THE RETURN TO HOME SWITCH IN THIS SITUATION

- ✚ **Do not overload the drone with payload weight, (Preferably keep under 1KG or under when you are a new Pilot). Remember you also need to allow for wind conditions which make the motors work more, & Fishing Line tension which adds weight. Do not fly in windy conditions when carrying significant weight- as this can overload the drone and cause either electrical issues OR it can reduce control of the drone: possibly leading to a crash – which is not covered under warranty.**
- ✚ **For the New Zealand models of the FD3 and Fisherman Max Do not fly in wind or wind gusts that exceed 15 Knots.**
- ✚ **Remember that following a crash of the Swellpro Drone, it may not function or fly as expected afterwards. If it is only a minor crash or hard landing then it maybe fine to fly again, however please also check for any damage or non-working parts BEFORE FLYING- and pay close attention to the drone during subsequent flights. IF IN ANY DOUBT – Please return for service to JCMatthew NZ / Swellpro NZ Service Centre and don't attempt to fly. If there is more serious damage, OR the drone still behaves strangely – then the drone will need to be serviced. PLEASE BE AWARE THAT FLYING THE DRONE AFTER ANY CRASH – IS AT THE OWNERS RISK.**
- ✚ **ONLY Fly your drone with a fully charged battery and obey any low battery alarms right away (and get the drone home asap).**

General Information:

1. Drone is water resistant not 100% waterproof in case of Impacts i.e strength of sea waves , crashes on and angle or from some height, so there could be water ingress which is not covered under warranty.
2. In case of emergency landing , as soon as the impact with the ground , the throttle joystick which is your left joystick needs to be pulled on the way down and held it in that position for a few seconds for the motors to come down to the normal RPM which is slower than when its flying. ONLY THEN DISARM YOUR MOTORS , OTHERWISE IT WILL TRY TO FLIP AND DIG IN THE SAND OR ON THE PLACE OF LANDING.

3. Please bring the drone back manually after the Low voltage warning as this will drain less battery power giving the drone more time for it to safely come back from the significant distance i.e. 300m or so.
4. Do Not change your app default LOW VOLTAGE SETTINGS from RTH or DROP AND RTH , as that can result into drone responding differently than expected under low battery situations.
5. The battery performance cycles change over time , hence the battery will not perform as it would coming out brand new out of the box vs 6-12 months old .
6. In the black sand beaches , landing pads are recommended to be used as this can cause additional intrusion and damage to motors and moving parts.
7. Under GPS if you can't initialize the drone , then pull both joysticks down-inwards three times.

Do Not Fly:

1. If there is nearby air traffic i.e Helicopters , sea planes flying around , wait till the aircraft is flown away as the radio signals on those aircraft have strong signal connections that can interfere with the drone.
2. In case of an in-flight situation (when the drone is already flying) bring the drone down to the safe height , while waiting for the aircraft to pass away.
3. Do not fly near the lifeguard offices on the beach or heavy construction areas or vehicles as the walkie-talkie and radios used in their equipment and offices works on varying transmitting frequencies and signals which can interfere with the Radio signals between the drone and remote control.
4. Do not operate in areas with there is a communication/radio tower in the area, or where there is a microwave or radar operating in the area, and again this can disrupt the signal between the drone and remote control.

MORE HELPFUL Q & A'S

Question: I was flying my drone the other day when it started flying erratically. What could have caused that?

Answer:

Experiencing a sudden loss of control while flying your drone is not uncommon. Sometimes while navigating your drone, you might have seen it drift in the opposite direction and fly erratically. If your drone refuses to respond to your inputs, there might have been signal interference between your transmitter and the receiver. If a system check shows that the flight controller is fine, signal interference is at play. It is important to know the causes of signal interference and degradation so that you can operate your drone safely. Most transmitters operate on the 2.4GHz band of the radio spectrum. Wi-Fi routers and cellular network towers also use the 2.4GHz frequency and can interfere with your signal. Microwave antennas and high-voltage lines create strong interference that can affect the radio transmissions that control your drone. The following will cause degradation of the transmitter signal:

Free-space loss. Your signal travels through the atmosphere. The farther your signal travels, the more it loses strength. That is why it is so important to keep your drone within recommended operational range.

Absorption loss. If your signal passes through an object that is not transparent to radio signals, you will experience absorption loss and possibly lose control of your drone as long as this object is in the way.

Diffraction. Signal loss happens from diffraction when an object (building, tree, wall) appears between the transmitter and receiver. Rounded objects tend to cause more diffraction loss than those with sharp edges.

Multipath interference. Reflected radio signals can split and reach the receiver from a number of different paths. Sometimes these paths interfere with each other and interfere with the main signal.

Terrain. Topography has a significant effect on signal transmission. Hills can obstruct the path and considerably weaken the signal, often making reception impossible.

Buildings and vegetation. Radio signals can be significantly affected by buildings because they can reflect or absorb radio waves. Trees and foliage, especially when wet, can also weaken radio signals.

Lithium Batteries

WARNING: Please read before charging or using battery

IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS for BATTERIES AND CHARGING

- You must read these safety instructions and warnings before using or charging your batteries.
- **Lithium based batteries are volatile.** Failure to read and follow the below instructions may result in fire, personal injury and damage to property if charged or used improperly.
- Neither JC Matthew, or the Manufacturer assumes any liability for failures to comply with these warnings and safety guidelines.

- By purchasing this Drone and the included battery/s, the buyer assumes all risks associated with lithium batteries.

General Guidelines and Warnings

- 1) Use **ORIGINAL Lithium battery charger that came with the drone only**. Failure to do so may cause a fire, which may result in personal injury and property damage.
- 2) **Never charge batteries while unattended. When charging Li-Po & LiHV batteries you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.**
- 3) Some Li-Po chargers on the market may have technical deficiencies that may cause it to charge the Li-Po batteries incorrectly or at an improper rate. It is your responsibility solely to assure the charger you purchased works properly. Always monitor the charging process to assure batteries are being charged properly. Failure to do so may result in fire.
- 4) **If at any time you witness a battery starting to balloon or swell up, discontinue charging process immediately. Disconnect the battery and observe it in a safe place for approximately 15 minutes.** Continuing to charge a battery that has begun to swell will result in fire. Likewise, never use a battery if you find it swollen or ballooned upon purchase.
- 5) Since delayed chemical reaction can occur, it is best to observe the battery as a safety precaution. Battery observation should occur in a safe area outside of any building or vehicle and away from any combustible material.
- 6) **Wire lead shorts can cause fire!** If you accidentally short the wires, the battery **must** be placed in an open safe area for observation for approximately 15 minutes. Additionally, if a short occurs and contact is made with metal (such as rings on your hand), severe injuries may occur due to the conductivity of electric current. **Do Not use a battery that has been shorted through touching connector cables or the use of incorrect charging settings, or is otherwise damaged.**
- 7) A battery can still ignite even after 10 minutes.
- 8) In the event of a crash, you must remove battery for observation and place in a safe open area away from any combustible material for approximately 15 minutes. A battery can be damaged internally from a crash (through impact forces) even if the battery still looks fine. In this situation the battery would not be covered under warranty.
- 9) If for any reason you need to cut the terminal wires, it will be necessary to cut each wire separately, ensuring the wires to not touch each other or a short may occur, potentially causing a fire.
- 10) If you accidentally cause the battery to short, place it in a safe open space and observe the battery for approximately 15 minutes. **A battery may swell or even possibly catch fire after a short time.**
- 11) Never store or charge a battery pack inside your car in extreme temperatures, since extreme temperature could cause fire.
- 12) **IT IS IMPORTANT TO ALWAYS Store your batteries in a Fireproof Container away from the drone and away from any Flammable objects, as in isolated cases, Lithium batteries have been known to catch fire even when not in use.**

Before You Charge

- 1) Make a visual inspection of the pack. Look for any damaged leads, connectors, broken shrink, swelling of cells, burn marks, or other irregularities with the battery. **Do not charge the battery OR attempt to use it if you find any of the above issues with your battery.**
- 2) Before installing or changing the connector, check the voltage of the pack using a digital voltmeter (not your charger). All new packs ship at approximately 3.80V per cell.

Example 2S pack should read approximately 7.60V

3S pack should read approximately 11.40V

- 3) If any damage to the pack or leads is found, or the voltage is significantly less for your pack than specified above, do not attempt to charge or fly the pack;

Charging Process

- 1) **Never charge batteries while unattended.** Lithium based batteries in any electronics device can pose a fire risk in isolated cases given the chemistry of a Lithium based battery, and especially if not maintained properly. Therefore it is important to never leave the battery alone while it is charging. Secondly we highly recommend the use of a good quality Fire-resistant battery charging bag when charging and also storing your batteries. This will further reduce the risk of fire based incidents.
- 2) **Charge in an isolated area, away from other flammable materials on a concrete surface outside of buildings. This will reduce the risk of fire spreading and therefore isolating any incident. It is highly recommended not to charge inside buildings or vehicles.**
- 3) Let the battery cool down to ambient temperature before charging.

- 4) While attempting to charge, if your battery indicates a problem or error during the charging process. Please cease charging immediately and contact the supplier.
 - 4) **Do not charge batteries packs in series.** Charge each battery pack individually. Failure to do so may result in incorrect battery recognition and charging functions. Overcharging may occur and fire may be the result. ***In order to discharge packs in series, the charged voltage of both packs must be within 0.01V for the same cell count pack***
 - 5) **When plugging in the cable to the battery and charger, be sure not to touch any cables or plugs together as you plug them in or unplug them (that aren't supposed to be connected), as this can cause a spark and short which can be dangerous.** Always plug the cables into the charger correctly **FIRST** before plugging the battery into the charging cables. Finally plug the charger into the wall socket with the wall power **OFF** initially.
 - 4) **It is Recommended to charge inside a fireproof bag or container.** This will minimize any fire risk.
 - 5) **DO NOT leave your battery charging overnight – as this could pose a fire risk.**
 - 6) **Never attempt to change the settings on the charger to anything other than what the manufacturer recommends** – as this can pose a fire risk or risk damage to the battery.
- 6) **For the Drone battery be sure you use the shorter Black lead with the WHITE FLAT connector for all charging.** This is the lead protected by the Charge Protection Circuitry referenced in the introduction. There are two sets of lead wires on this battery. The shortest one is always used exclusively for charging. It is important to plug both Sets of cables into the charger.
- 7) **Only IF Required, when selecting the cell count or voltage for charging purposes, select the cell count and voltage as it appears on the battery label.** Selecting a cell count or voltage other than the one printed on the label can cause fire. As a safety precaution, please confirm the information printed on the battery is correct.
 - a. Example: The label on a 2-Cell battery pack in series will read – “Charge as 2-Cell (7.4V), or may cause fire” – You must select 2-Cell for charging.
 - b. Example: The label on a 3-Cell battery pack in series will read – “Charge as 3-Cell (11.1V), or may cause fire” – You must select 3-Cell for charging.
 - 8) **You must check the pack voltage before charging after flight.** Do not attempt to charge any pack if open voltage per cell is less than 3.3V .
- Example Do not charge a 2-cell pack if below 6.6V
Do not charge a 3 cell pack if below 9.9V
- 9) **You must select the charge rate current that does not to exceed 1C (one times the capacity of the battery, unless otherwise noted*).** A higher setting may cause fire. The below chart is calculated at 1 x capacity of pack.
- Example 860 mAh: Charge at or below 860 mA
1200 mAh: Charge at or below 1.2 Amps
1800 mAh: Charge at or below 1.8 Amps
2100 mAh: Charge at or below 2.1 Amps

First Flights

We recommend 3-5C max average discharge for breaking in new packs. Also be extremely careful not to over discharge new packs (Packs should NEVER be over discharged at any time, but over discharging on the first flight will ruin the battery permanently before you are able to enjoy it. See “Caring for Battery” below).

Storage & Transportation

- 1) Store battery at room temperature between 40 and 80 degrees F for best results.
- 2) Do not expose battery pack to direct sunlight (heat) for extended periods.
- 3) When transporting or temporarily storing in a vehicle, temperature range should be greater than 20 degrees F but no more than 150 degrees F.
- 4) Never store your battery for more than a day on full charge, and never store your battery when it has been drained of charge.
- 5) **Storing battery at temperatures greater than 170 degrees F for extended periods of time (more than 2 hours) may cause damage to battery and possible fire.**

Caring for Battery

- 1) Charge battery with good quality Lithium charger (the one it came with). A poor quality charger can be dangerous (such as the MRC Super Brain 969 which is NOT a proper Lithium charger).

- 2) Set voltage and current correctly (failure to do so can cause fire).
- 3) Please check pack voltage after the first charge.

Example 2-Cell: 8.4V (8.30 to 8.44) 3-Cell: 12.6V (12.45 to 12.66), 6-Cell: 25.2V (this drone battery)

- 4) **Do not discharge battery to a level below 3.73V per cell under load.** Deep discharge below this can deteriorate battery performance.
- 5) Use caution to avoid puncture of the cell. Puncture of cells may cause fire.
- 6) Never fully discharge your battery, as this can permanently damage the battery and could also pose a fire risk.
- 7) Never store your battery for more than a day on full charge, and never store your battery when it has been drained of charge.
- 8) Never use a battery that has become damaged or swollen, as this can become dangerous. Dispose of the battery at once in a safe manner.
- 9) Never attempt to charge a battery that is warm or has just been discharged.
- 10) **ALWAYS Store your batteries in a Fire Proof Container, as this will minimize any risk of fire spreading.**

Operating Temperature

Charge: 32 to 113 degrees F

Discharge: 32 to 140 degrees F

- 1) Let battery cool down to ambient temperature before charging.
- 2) During discharge and handling of batteries, do not exceed 160 degrees F.

Battery Life & Disposal

Batteries that lose 20% or more of their capacity must be removed from service and disposed of properly.

Discharge the battery to 3V/Cell, making sure output wires are insulated, then wrap battery in a bag for disposal.

It is recommended to contact a local electronics & battery disposal company for collection of the old battery.

WARRANTY INFORMATION

New Drones bodies normally come with a 12 month warranty from purchase date (please see further details below), that covers manufacturer issues or product faults. However this does not cover wear and tear, mis-use of product, or other issues or crashes related to customer use (including damage to any third parties).

Note that the product with the reported problem **MUST** to be first returned to the authorised Swellpro repair agent (at the customers cost) to be reviewed by technicians before the manufacturer is able to make final decision about the issue. No warranty claim can be evaluated if the product is not first returned. Only the authorised New Zealand manufacturer service agent can provide legitimate inspection and analysis of any product returned.

Refurbished drone bodies come with a 6 month warranty, and all new batteries come with a 3 month warranty. All other new products and parts come with a 3 month warranty. See further details below.

Warranty and liability is limited to the product purchased, and not any additional losses incurred, including any third party losses or any other damage that may be incurred

damage. Due to the nature and use of this product there is no term warranty. Misuse, abuse, incorrect charging, failure to comply with the above warnings and guidelines, and other inappropriate use of this product are not covered under warranty.

Warranty is not applicable in cases where the customer has failed to seek adequate training of the product, and there should be no liability on either the manufacturer or the agent where the pilot does not have adequate training and subsequently has a crash or accident with the product.

Please note that the Swellpro Manufacturer can only make a final call on the product warranty status, if the Swellpro NZ Service Centre has the product in-hand and are able to analyze it and pull flight logs from the drone. If not, then the manufacturer will reject any warranty claim.

LIMITED WARRANTY DISCLAIMER

Please remember to retain the purchase receipt as you'll be asked to present the receipt in any given cases.

How long does the warranty last?

- **New Drones (GPS):** 12 months warranty. Propellers, Landing gear carry a 1 month warranty. Supplied batteries carry a 3 month warranty.
- **Accessories:** 3 months warranty.
- **Batteries:** 3 Month warranty.
- **Refurbished & ex Demo Drones & supplied accessories:** 6 month on GPS Drone body, 1 month on the drone battery (and remote battery if applicable), 1 month on any accessories and ad-ons including propellers, cameras, fishing release systems, remote control, etc. Note that for refurbished and ex demo drones, our policy is to repair the drone or any accessories that are found to have a manufacturing fault. Refunds or replacement for a pre-owned or ex demo drone or accessories is not an option. Wear and tear, user caused faults (including water damage, sand intrusion and lack of maintenance), or failure to follow the product manual correctly (see the support section) are not covered under warranty).
- A replacement product (or part) or repaired product assumes the remaining warranty period of original purchase date the initial product or accessory.

What does the limited warranty cover?

- The limited warranty covers any defects in material or workmanship under normal use during the warranty period.
- If the product is deemed to be under warranty by the manufacturer's service agent, JCMatthew NZ or Swellpro will repair or replace at our discretion (All Refurbished product will only be repaired)

What does the limited warranty NOT cover?

The limited warranty does **NOT** cover any problem that is caused by:

- Conditions, malfunctions or damage not resulting from defects in material or workmanship.
- Damage to the product resulting from negligence, mis use, wear & tear, water or salt intrusion into the drone, failure to clean and maintain the drone regularly.
- Subsequent Damage or failure of a product as a result of a previous crash where the drone was not first returned to the authorised repair agent for inspection.
- In cases where the product is not returned to the authorised repair technician for inspection.
- Damage to a product resulting from unauthorized modification of the product or dis assembly by another other than the Swellpro NZ Service Centre based in Rosedale, Auckland.
- Theft or loss of the product.
- Damage caused by External interference from external sources including (but not limited to): Microwave Interference, Radio Interference, Radar Interference, WIFI Interference, Magnetic Interference, Electrical and Atmospheric Interference, Issues around GPS Satellite reception.
- The Warranty does not cover return shipping to our service centre to for them to investigate the issue further.
- It also doesn't cover if you change your mind about your purchase. We are obliged to repair or replace in relation to any manufacturer defects but there is no obligation on JCMatthew NZ or Swellpro if you have changed your mind.
- Mis-use of the product or failing to follow the instructions or information in the product manual or any information videos related to the product. (Please see copies of the correct NZ product manuals in the support section of this website, and these manuals are the only ones that should be referred to under ANY circumstances.).

Rechargeable Batteries

Note: There is three month limited warranty on sales of new rechargeable batteries (one month on refurbished drone batteries). If you claim the battery to be faulty within that time period, the battery will be inspected and if any user abuse, improper maintenance, or mis-use is found on the battery, the claim will be rejected.

The warranty on any rechargeable batteries is subject to the user following all safety and precautions provided (please see the support section of this website for more information regarding the product you purchased).

FAILURE TO FOLLOW THE CORRECT INFORMATION REGARDING THE BATTERY MAINTENANCE, USE & CHARGING, STORAGE OF THE BATTERY, USE OF THE CHARGER, AND ANY RECOMMENDATIONS, IS STRICTLY FORBIDDEN AS THIS IS DANGEROUS AND CAN CREATE A FIRE RISK. JCMATTHEW NZ LTD, OR SWELLPRO TAKES NO RESPONSIBILITY UNDER THESE CONDITIONS.

The warranty does not cover overcharging or over discharging of batteries (which then leads to battery issues or non working batteries).

IMPORTANT NOTE : NEVER leave batteries unattended while they are charging. Our recommendation is to always charge and store batteries in a special fire resistant bag or fire resistant container. Do not leave the battery charger charging overnight, and turn off/remove power to chargers before going to bed. Only use the correct original charger & cables supplied by the manufacturer and follow all reasonable standards while charging (ie. When plugging the charger into the wall socket – plug it directly into the wall socket & do not use

double plugs, extension cords or loose connections, **ALWAYS use direct connections to power outlets rather than multi-plugs or extension cords**). Batteries should not be stored for more than a few days on full charge and batteries should not be fully drained out of charge as the battery can be permanently damaged in both cases.

As this is not a toy, children should NOT operate this drone under any circumstances.

Swellpro NZ Service Department information

The Swellpro NZ Service Centre is based in Rosedale, Auckland. It is the only Manufacturer authorized in-warranty repair agent in New Zealand. Any other repairer is not authorised to repair or service Swellpro products in New Zealand.

Please note that any sand build up, dirt or other contaminates in and around the drone, remote control or case or other accessories will not be cleaned, as this a normal maintenance task of the drone owner. For an additional fee the service department can clean the drone for you.

For more information on the New Zealand Warranty for this product (and for updated product manual information) please visit: www.swellpro.co.nz or www.splashdrone.co.nz

Providing that you register for warranty (as per details in the Product Manual), this Drone has a 12 month warranty on the Drone Body, six months on the Drone Battery, and three months on the Landing Gear, Propellers and any accessories including camera, release mechanism, charger. Water resistant membrane is not covered under warranty. (Note: that any mis-use, or product wear and tear are not covered under warranty)

ACCEPTANCE OF RISK BY END-USER CUSTOMER

By purchasing this product you agree to use the product strictly in compliance with all relevant laws including (without limitation) the Civil Aviation Act 1990 in relation to the use of Remotely Piloted Aircraft Systems (RPAS) and the laws of privacy and all regulations as laid out by the CAA (Civil Aviation Authority).

It is your responsibility as the owner of this multirotor, to know and understand all the current & relevant laws and regulations surrounding it's use – and to abide by these at all times.

JCMatthew NZ Ltd takes no responsibility or liability whatsoever for the use of this product, and specifically including (but not limited to) when this use is outside or contravenes any national or local laws and regulations.

Limitation of Liability

JCMATTHEW NZ LTD accepts no liability for damage(s) or injuries incurred directly or indirectly from the use of this product in the following conditions:

Damage(s) or injuries incurred when users are drunk, taking drugs, anesthesia, dizziness, fatigue, physically or mentally that could impair your ability.

Damage(s) or injuries caused by subjective intentional operatis.

Any mental damage compensation caused by accident.

Failure to follow the guidance of the manual to assemble or operate.

Malfunctions caused by fitment or replacement with non- standard accessories and parts.

Damage(s) or injuries caused by using third party products or fake products.

Damage(s) or injuries caused by mis-operation or subjective misjudgment.

Damage(s) or injuries caused by mechanical failures due to flight in total over 100 hours.

Damage(s) or injuries caused by continued flying after a low voltage protection alarm is triggered.

Damage(s) or injuries caused by knowingly flying the aircraft in an abnormal condition (such as water, oil, soil, sand and other unknown material).

Water or external contaminant Ingress into the aircraft or the assembly has not been adequately rectified and fixed by JCMatthew Service Department, the components have obvious faults, obvious defect or missing accessories).

Damage(s) or injuries caused by flying in the following situations:

A magnetic interference area, radio interference area, government regulated 'no-fly zones', or the pilot is in back light, blocked, fuzzy sight, poor eyesight, or pilot is not in suitable condition or lacks skill to operate the drone to a reasonable standard.

Damage(s) or injuries caused by using in bad weather, such as a rain or wind greater than 5 knots, snow, hail, lightning, tornadoes, hurricanes etc.

Damage(s) or injuries caused when the aircraft is in the

Following situations:

Collision, fire, explosion, floods, tsunamis, subsidence, ice trapped, avalanche, debris flow, Landslide, earthquake, etc.

Damage(s) or injuries caused by infringement such as any data, audio/ video material recorded by the use of aircraft

Damage(s) or injuries caused by the misuse of the battery, Protection circuits, RC model and battery chargers.

Damage(s) or injuries caused by the drone being subjected to external Radio, Microwave, or Magnetic Interference resulting in a loss of control while the drone is in flight.

Consequential damages caused by any malfunctions of equipment, including memory cards, that results in the failure of an image or video to be recorded in such a way that is machine readable.

Any consequences that are caused by operations that do not follow all instructions in the quick start guide, detailed User Guide and other useful information included in the packaging or the official website.

Operators do not obey the 10661 law or regulation.

Other losses that not covered by the scope of Liability.

Warning

NOTE: Neither JCMatthew NZ Ltd or the manufacturer is responsible for any radio, or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the users authority to operate the product.

Neither JCMatthew NZ Ltd or the manufacturer is responsible for drone issues, crashes or loss of control of the drone resulting from any external radio, TV interference, Microwave interference, Radar interference, Magnetic Interference, or issues related to GPS Satellite signal.

2 When using the product, ensure that the antennas of the device or Remote control are at Least 20cm away from all persons.

This device shall only be connected to a USB interface of version 2.0 or higher.

CAUTION, RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE OR SAFETY PRECAUTIONS REGARDING LITHIUM BASED BATTERIES ARE NOT FOLLOWED.

3. Please note that this product is intended for personal use and should never be used in a manner that infringes upon or contravenes international or domestic laws and regulations. You shall not use this product to: (a) defame, abuse, harass, stalk, threaten or otherwise violate legal rights (such as rights of privacy and publicity) of others: (b) photograph people or their privacy area without their consent or photograph any non-photographing area without the Prior authorizations: (c) use this product for any illegal or inappropriate purpose other than general personal use (such as spy, unauthorized investigation and unauthorized detection) (d) violate or disregard applicable local laws administrative rules and social habits.

Please be advised that in certain cases the copying of images and videos from shooting performances, exhibitions, or commercial properties by means of a camera or other device may contravene copyright or other legal rights even if the image or video was shot for personal use

4. The User takes full responsibility to ensure they are following the mandatory rules for New Zealand regarding UAV, Drones usage:

<https://www.caa.govt.nz/rpas/>

New rules are now in place for RPAS, UAV, UAS, Drones and Model Aircraft and if you operate any of these aircraft, it's important that you read the rules

https://www.caa.govt.nz/rules/rules.htm#Pts_101_102:

Advisory circulars

https://www.caa.govt.nz/rules/ACs.htm#Part_101

For answers about consent, certification, airspace, etc, see

Frequently Asked Questions - RPAS, UAV, UAS, Drones and Model Aircraft

https://www.caa.govt.nz/rpas/rpas_faqs.html

5. The User takes full responsibility to ensure they are following ALL local and national laws governing the usage of UAV, and Drones including Council by-laws and Conservation Department laws and regulations.

NOTE: Please refer to www.swellpro.co.nz or www.splashdrone.co.nz for the latest

updated information of this product information document as well as others.

NOTE: Any crash, Drone Damage, or Third party damage resulting from not following the product manual or any of the instructions above – will not be covered under warranty, OR JCMatthew NZ Ltd or Swellpro and full liability will rest with the pilot. All pilots are obliged to fly their drone safely, responsibly and to maintain full control at all times, and abide by all nz laws and regulations.