



## Installation, Battery charger instructions, Tips and tricks

**Thank you for purchasing a Gannet, we wish you many happy fishing hours.  
Please read our guide lines carefully as well as FAQ on our website.**

### **Installation:**

Please see our online videos on our YouTube Channel that you can find by searching for drone fishing then clicking on the channels tab. Or by searching for [dronefishing.com](http://dronefishing.com) on YouTube. Some videos are also on our website [dronefishing.com](http://dronefishing.com)

### **Battery charger instructions:**

1. Plug the jack into the release, the LED light on the charger will come on. The plug can only go one way and should not be forced in the wrong way. No need to push it in too hard or too deep.
2. Plug the USB into a charging outlet like a cellphone charger or your computer. The indication light will go off this means it is charging.
3. When the light comes back on the charge is complete, it only takes about 30min from flat to fully charged so don't be concerned if after 5min the charge is complete.
4. Unplug both ends when the charge is complete.

### **Tips and tricks:**

1. Never overload your drone, if you are new to drone fishing then start with light loads, say 300g or less, on the Mavic 200g or less but not to light (see Drop-Loop points below).
2. Be sure to keep your fishing line clear from the drone, if the line gets caught in the props it will crash. At first practice with your rod down until you are confident.
3. Keep the Gannet battery charged at all times when planning fishing trips, it is fitted with large battery so loosing track of how many drops and how long you had it on is easy so rather just charge it at every opportunity.
4. Our release has a small opening on purpose; this is so that a small pinch lead or even a line knot will not slide through.  
Let the bait and sinker hang far below the drone, we typically have a thick fluorocarbon leader of 6-8m between our main line and trace, we let it slide through the release till the end of this leader so our bait is hanging that far below the drone, it greatly reduces the pendulum effect on the drone.
5. Try to fly out at a constant speed and direction; this also reduces the swinging action on the drone.
6. NEVER fly out at full speed and then come to a sudden stop. This will cause the drone to tilt backwards suddenly as it brakes to hold position, it can brake so hard and pitch so far that it can pick up your main line in the props, and crash. To further prevent this from happening we recommend using a Drop-Loop.
7. We recommend that you drop your line whilst still moving forward; doing so eliminates the risk of



the drone picking up the main line totally.

8. If you wish to come to a stop first like for instance when doing Carp Angling then come to a stop gradually.
9. Don't fly in strong windy conditions, fishing line and wind combination can spell disaster.
10. Don't fly to low over the water, height is your friend. Stay at 15m or more above the water. If you notice any thing strange like a drop in altitude or the drone spinning back and forth (jojo) release the load immediately and counter the decent by pulling up on the drone.
11. NEVER pull on the drone with you fishing line; the drone will fight this to maintain its GPS location to a point that it eventually fails. This will also negate the Drop-Loop's effectiveness.
12. NEVER fly over people, observe your local drone laws.
13. Be very careful not to get hooked on obstacles.
14. Always fly GPS mode so that the drone can do an auto pilot return to home, we have been hooked on fish several times even before the drone is back, for this reason make sure your landing area is suitable for this.
15. Always make sure you turn on the Gannet and turn it off when you switch the drone off. We like to load the fishing line when the drone is hovering just above our head level, this ensures that the Gannet is on and functioning for the planned flight and it also keeps the props at a safe height that they can't hit us or our fishing line. On the Mavic loading the line in flight should be done from the front of the drone so that it does not pick up your hand on the sensors and fly up higher.
16. We know it is tempting to push the limits of what the drone can carry, but please don't do this; it is well known that small baits also catch big fish. Rather safe than sorry.
17. Don't do repeated flights in short succession; give the drone time to cool down. The motors and speed controllers heat up and so does the battery these all cause a reduced performance.
18. Don't push the limits of your battery; always ensure that you have enough power for a full return flight with your load still attached to the drone. If for some reason you loose radio contact with the drone then it will return home on its own but this also means that you cannot drop the load.
19. Set your auto return to home altitude to 15-30m which ever works best for your situation... But remember to change this if you go flying elsewhere and there might be obstacles that need avoiding.
20. Remember the height sensors does not always work correctly over water, compensate for this by flying at a safe height. But do not disable them as they are needed for landing.
21. Never fly against the clicker on your reel, it will wear out very fast. And also never fly with a center-pin reel fully loose it can overwind, jam and jerk the drone. Set your casting drag so that the line spools off easily but not to easily so that it can't overwind.
22. On spinning reels, don't fly against the drag, you will put allot of unwanted twist on the line, open the bail as if you want to cast and don't over fill your reel as this can cause wind knots.
23. Always keep an eye on your reel as you fly out to make sure all is going well as you fly out.
24. Keep a keen eye on your flight altitude in the DJI-Go app. Loss of altitude can be for many reasons and you need to take immediate action should this happen for what so ever reason.
25. DroneFishing.com does not take any responsibility for you or your drone or for any other claim of what so ever nature.
26. Drop-Loop: See our videos on YouTube, some pointers;
  - a. A Drop-Loop is a 500mm long extension line that is fitted to your end tackle to act as a link between the main line and the drone.
  - b. It works by having your end-tackle (bait and all) being heavier than the pull force on the reel main line so it pulls the Drop-Loop down and away from the drone and props.
  - c. If your lure is to light and the pull force on you reel line to big then the Drop-Loop's effectiveness is negated and you stand the chance of picking up the main line in the props, especially on the Mavic that is so low profile.