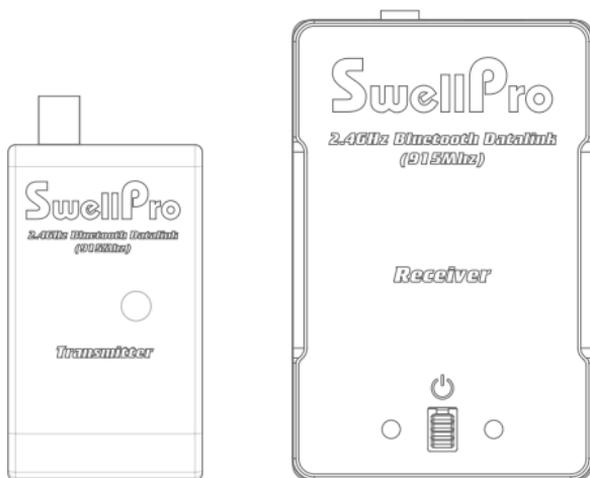


# Swellpro Fly APP Control Manual V1.1



## Swellpro Bluetooth Data Link

The Bluetooth Data Link consists of two components. (Transmitter & Receiver) An independent Transmitter, which is installed in the drone body, and a Receiver that the pilot keep nearby when utilizing either the APP control or the Location Beacon function.

The Transmitter communicates directly with the Flight Controller. Follow these steps to install the transmitter inside the body of the SplashDrone 3+.



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## Installation Instructions

### SwellPro GroundStation Module

There are two components to the GroundStation. An independent **Transmitter** which is installed in the drone body and a **GroundStation Bluetooth link** that the pilot keep nearby when utilising either the GroundStation APP or the Location Beacon function.

The radio module communicates directly with the Flight Controller. Follow these steps to install the transmitter radio module inside the body of the SplashDrone 3+.

1. Face the front of the SplashDrone 3/3+ away from you, so that the forward arrow is facing away from you.
2. There is a connection cable for the Transmitter already installed inside the drone on the forward left-hand side. This is a short 4-wire cable with a small white connector with one end loose. If the connector is tucked under the main board of the drone, very carefully remove it, being careful to only pull on the loose end to gently free it from under the board. See photo.



3. The white connector needs to be oriented correctly before it is inserted into the Transmitter. **Be very careful not to pull on the short cable.**
4. Orient the cable so that from the front of the Transmitter the cables are in the following order **RED\_BLACK\_GREEN\_YELLOW.**
5. Carefully insert the plug into the Transmitter and ensure it is fully inserted and that the plug is flush with the transmitter body.

6. Power on the SplashDrone 3/3+ by connecting the battery and ensure that the lights in the middle of the Transmitter are flashing Red and Green.



6. Power on the SplashDrone 3/3+ by connecting the battery and ensure that the lights in the middle of the Transmitter are flashing Red and Green.

7. Power OFF the drone once you have finished this test.

8. If the transmitter does not power on, please check all the connections again before proceeding.

9. Remove the adhesive backing that is on the back of the Transmitter.

10. Carefully stick the transmitter on to the inside roof of the drone, above the Flight Controller on the left-hand-side as per the photo. The long antenna can be gently bent so that it lies across the drone and into the right-hand arm.



11. Press the transmitter firmly onto the roof of the drone to ensure that the adhesive is properly adhered.
12. Power on the Drone again.
13. Power on the Receiver by pressing and holding the small central button.
14. If there is a successful connection between the Receiver and the drone, the light in the middle of the Receiver will blink momentarily and then go solid green with occasional flashing red beneath the green.



15. Now you can use the SwellPro FLY app available on the Google Play and Apple AppStore. This app allows you to fly a pre-determined mission, circle around points of interest and also provides real-time location data of your drone.



4. Once you have a minimum of 9 GPS satellites, you can unlock the drone and start flying with controller, or use the APP to unlock the motors and start flying.



5. The APP allows you to start flying the drone, land, ascend, hover, return home, flight path setting, follow me and point to fly.

#### 6. Flight path setting:

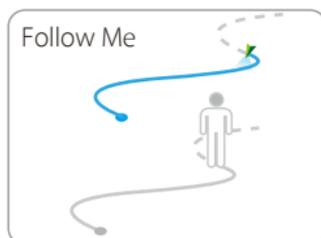
a). click "+", click the map to set the flight point, you will see all the selected flight points on the bottom of the screen. You can delete them.



b). Click below the flight point, you can choose the height, hovering time and other options. Save and click "Run", the drone will start flying according to the set path.



7. **Follow Me:** The target (to be followed) should carry the Bluetooth Datalink and the (connected) smart phone, the drone recognizes the GPS coordinates of the smartphone. Press the "Follow Me" button, the drone will then start following.



8. **Point-to-Fly:** Click the “Point-to-Fly” button, and then click the target point on the map, the drone will start flying to the point and hover there.



Note:

1. The APP control needs to have a good wireless communication environment, if you see the drone does not respond to your order, it might be subjected to interference, please try again.
2. If the drone continually fails to respond to your APP commands, please use the controller to operate the drone. Just switch the flight mode switch for one single operation, the controller will take over the control of the drone.
3. The Transmitter and Receiver are paired. If one part is missing or damaged, cannot use the existing part with other new part. If you want to use the APP control feature again, you will need to buy whole new module.

## Version Information

SwellPro products are constantly being improved. Therefore, although the latest version of this manual may contain information relating to a release of the equipment different from your own, new information is added constantly which is relevant to ALL customers.

Version	Comments
1.0	Pre-release Manual for Swellpro Fly APP Control
1.1	New Manual for Swellpro Fly APP Control