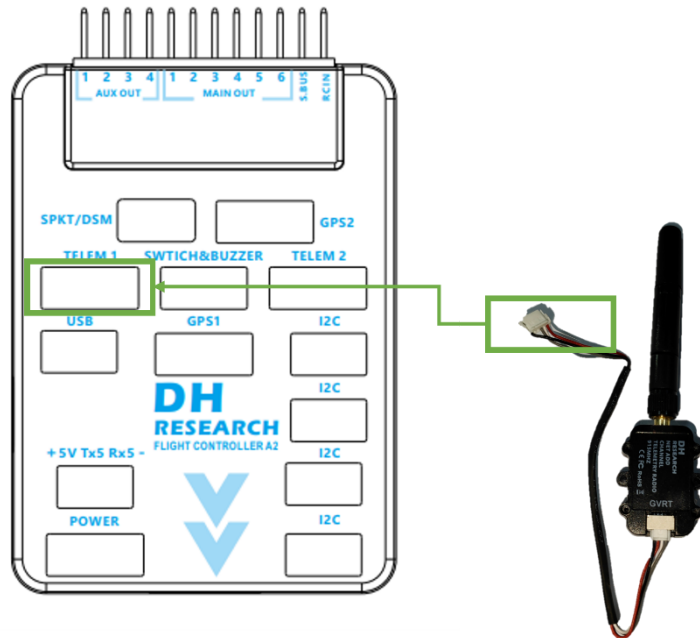


DH Research Accessory Instructions: Telemetry Radio

Should you purchase other accessories from DH Research, here would be the instructions on how to set up those accessories to the DH Research Flight Controller.

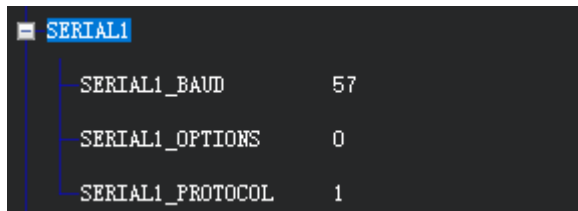
1.1 Telemetry Radio (Maximum distance is 18KM)

1.1.1 Connect the cable to port TELEM 1 on the Ardupilot as shown below:



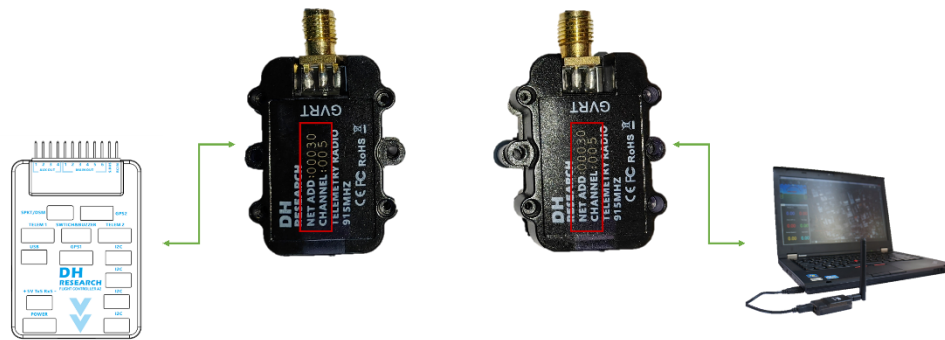
1.1.2 Connect the Flight Controller to Mission Planner (PC) with USB cable

- Under **CONFIG | Full Parameter Tree**, make sure SERIAL1_BAUD equals 57 and SERIAL1_PROTOCOL equals 1(for MAVLink1)



1.1.3 Pairing

Should you purchase telemetries in a pair, the two would have exactly the same NET ADDs and Channels as shown below, which means they have already been paired and ready to communicate. One of them needs to be connected to the Flight Controller as described above, the other needs to be connected to a PC running Mission Planner.

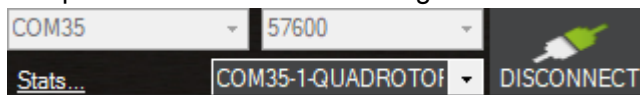


1.1.4 Connect the Flight Controller to Mission Planner via telemetry

On *Mission Planner*, the connection and data rate are set up using the drop down menu on the upper right corner of the screen,



Select the desired port and data rate and then press the **CONNECT** button to connect to the autopilot. After connecting *Mission Planner* will download parameters from the Ardupilot and the button will change to **DISCONNECT** as shown,



FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

NOTE: 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 dealer or an experienced radio/TV technician for help.

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation
Warning: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.