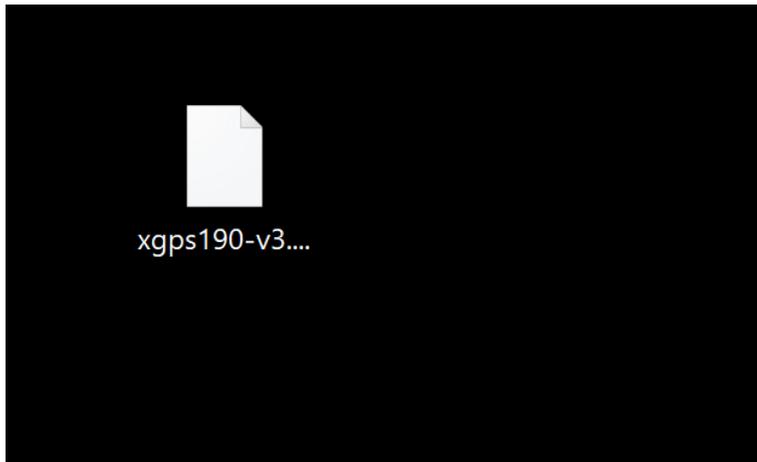# XGPS190 v3.3.1 Update Guideline for PC and Mac

A. You will need:

- XGPS190

- USB a – USB b cable (USB-to-mini-USB cable)

- Computer running on either Windows OS or Mac iOS with an available USB port

- ADS-B Status Tool (free download from App Store or Play Store)

B. Update Instructions

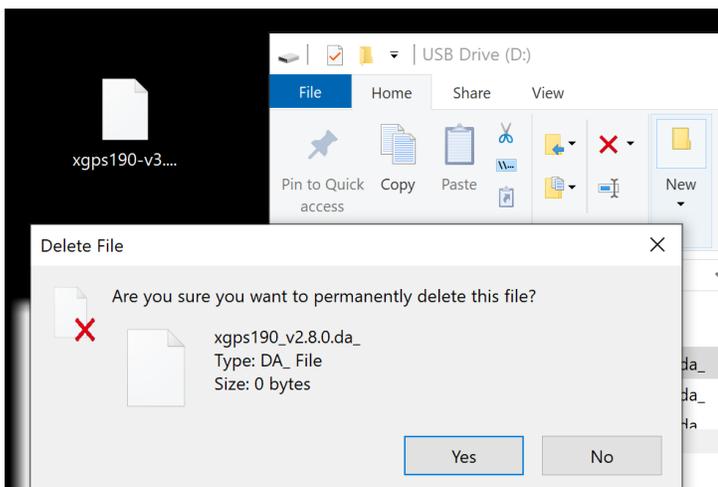1. Download the firmware, v3.3.1, to your computer from gps.dualav.com.

2. The file should be located in the place of your choice.

3. Make sure the XGPS190 is placed at OFF and connect XGPS190 to the USB drive, which has various names such as D:, E:, I: drives, using the USB a–USB b charging cable that was supplied with XGPS190.
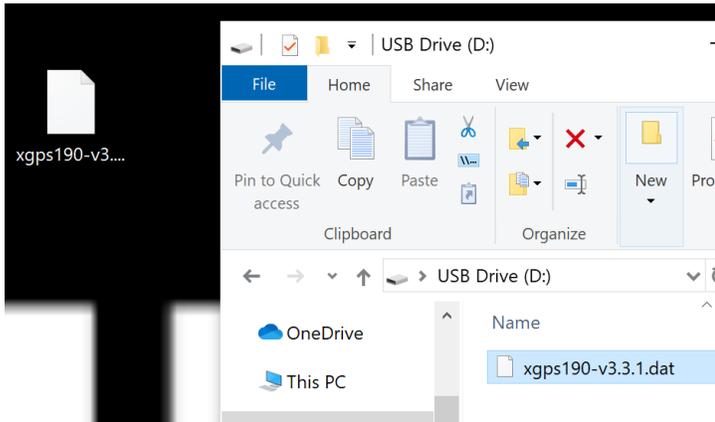

4. Make sure XGPS190 is detected as a USB drive on your computer.

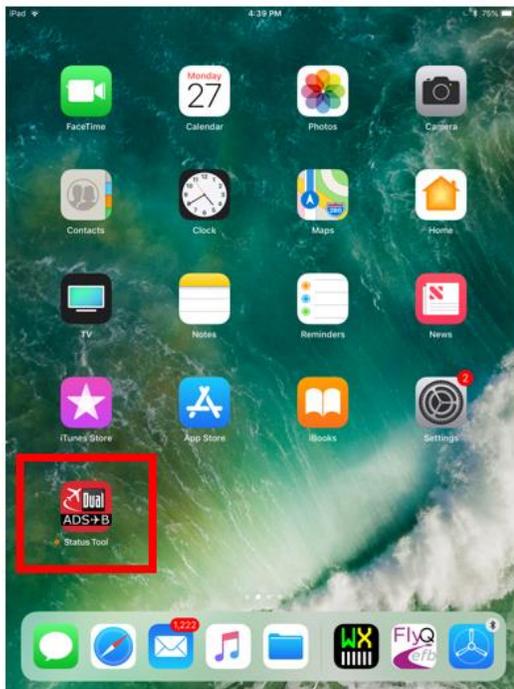5. Delete any files that exist inside the USB drive.

6. Copy and paste the extracted firmware, v3.3.1, from your computer onto the USB drive.

7. Once successfully pasted, click the right button on your mouse and choose to Eject.

8. Disconnect XGPS190 from your computer, and turn on XGPS190 for the device to automatically start the firmware update process. This could take up to 1 minute.

9. Press the Status tab from the ADS-B Status Tool app to check if the new firmware has successfully been installed.
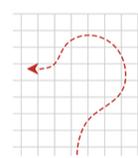
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<p style="text-align:center">**Note:**</p>

This firmware is for XGPS190 only. Please do NOT use this for XGPS170 and/or 170D.

If you have any questions about XGPS190, please contact us at xgps170@dualav.com .