

## **Firmware 64.5 user manual addendum for Leonardo Plus model.**

### **Leonardo Plus users :**

refer to the Leonardo Pro user manual but with these limitations :

- five altimeters only
- three programmable lcd screen only
- intelligify function disabled
- one route only , with 20 waypoint
- 200 waypoint only
- navigation to the last thermal disabled
- all navigation informations are referred only to the current waypoint
- glide computer informations are referred only to the current waypoint
- automatic FAI cylinder turnpoint validation disabled
- automatic Start Pylon turnpoint validation disabled
- real time telemetry output disabled
- HSI function disabled

**Important :** If you need this functionality in the future, the Leonardo Plus can be upgraded to have the full functionality of the Leonardo Pro model, simply from your PC, just buying from Digifly over the internet the upgrade software package.

### **Functions improvements and user manual changes :**

- Complete management of the audio profile of the acoustic vario audio with two profiles USR1 and USR2 with VttoolsConfigurator. To select the profile change the parameter n.4 TONE of the setup with "US1" or "US2".

- Improved autorecorder function with a change in the meaning of the parameter R.DS in setup : now it is the height change threshold in meter (Default is 0.5 meters) for every second.

It has to occur for at least 3 seconds consecutively in order to start the recorder.

Example : using the default value of 0.5 meters the take off is detected when there is a change of height (lift or sink) greater than 0.5 meter every second for at least 3 consecutive seconds. Please verify that the value in parameter R.DS is 0.5 meters

- Added a new fully automatic Wind Speed and Wind Direction calculation.

- Added a new "Wind Speed" indication in the lower right corner of the plotter page.

- The flight data logger/recorder now stores both altimeters : the Barometric Altitude A1 and the GPS Altitude.

The **RECA** parameter now selects which altitude (Barometric Altitude A1 or GPS Altitude) is sent to the PC for programs using the MLR protocol (CompeGps , Gpsdump, Checkin , Maxpunkte etc etc) .

When using the Digifly Vttools software, both altitudes are sent to the PC.

- Added a new field "Notes" in the waypoint format (32 chars max), the "Notes" fields is also displayed in the route editor. This new field is editable only on a PC.

### **IMPORTANT NOTE - How to reset your vario if it "freezes"**

#### **To reset the Leonardo Plus :**

press at the same time for at least two seconds the down arrow key along with the power on key.