

# Colibri II

**Colibri II** is a result of continuous development of the last 15 years. The unit is much smaller but has got many new features. The original Colibri was born in 1999 and more than **2500 Colibris** were produced from the beginning until today. Colibri II uses the latest pressure sensor technology, a colour display and a high end micro controller. These components allow integration of many features in an extremely small box.

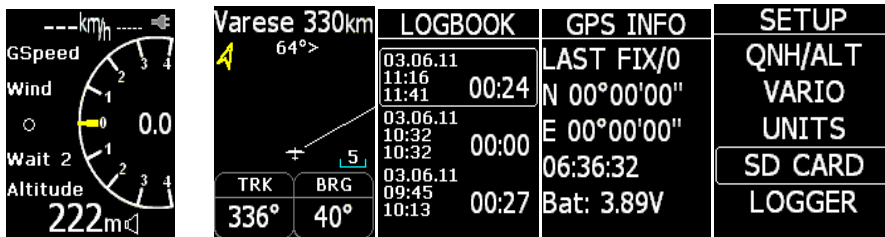
**The Internal battery** (accumulator) is able to drive the unit up to 6 hours with full back light of the display. When using the **screen saver** function the endurance can be extended up to **10 hours**. The unit can be also powered from the aircraft power bus and which means that the internal battery is always full and ready to power the unit even after a loss of main power. The internal battery can be recharged very simple and without using special chargers. Connection to the USB port of the PC will recharge the battery. Battery replacement is simple and doesn't require authorized personal.

GPS receiver and its antenna is an integrated part of the unit, that means no external antenna required, vertical and also horizontal orientation provide sufficient GPS reception.

The unit has one control in form of a so-called navigation switch, which in fact combines five switches built into one housing, so the following commands are available:

- left and right
- up/down
- press as confirmation

The philosophy of operation remains LX philosophy, so no problems for the pilots who already used LX Navigation products.



As a data transfer medium serves a micro size **SD card** and this makes possible to provide all data inputs and also downloading of flights after using of SD card. The Colibri II stores flight data into its internal memory, so operation **without SD card inserted** doesn't mean loosing of any flight data.

---

## Accessories (Options)

A suitable **mounting frame** is available as an option,



insertion and removal of Colibri II is absolutely easy, because of **snap in** system configuration.

The device is made from aluminium and consists of one spring and a preformed aluminium plate. Both mentioned parts are black painted. Installation is achieved by means of two screws. The mounting frame does not consist of any connectors.

To ensure **continuous power supply** from the glider network, a special interface can be inserted between glider 12V source and Colibri II. The unit converts 12V into 5V and this reduced voltage is applied to the Colibri II power management. After connected to glider power the Colibri

battery will remain full and will offer its full capacity even after glider network failure.

