

even bigger ...

LX9000



The LX9000 is a high end vario navigation system with extremely bright color 5,6" display • Running well proven LX8000 firmware with multilanguage interface • Simple and logical user interface is designed for top-level competitors, club operation as well as for gliding beginners • Instrument is preloaded with worldwide terrain maps, airspace and airports databases • User friendly data exchange using SD Card • Integrated FLARM collision avoidance system • Integrated flight recorder according to the highest level IGC specification • Complex tasks with assigned areas manipulation • Real-time flight optimization according to FAI and OLC rules



Main features

- Extremely bright color 5.6" VGA display readable in all sunlight conditions with backlight automatically adapted using photo-sensor
- Running well proven LX8000 firmware with Linux operating system and multilanguage user interface.
- 8 push buttons and 4 rotary switches are used for input which comprises well known LX user interface. Remote stick is available optionally for more comfort
- LX9000 basic is connectable to different variometers (LX1600, CAI302, Borglet B50)
- Preloaded with worldwide terrain maps, airspace and airport databases
- Simple and user-friendly update of databases using integrated SD Card or USB
- Integrated flight recorder according to high-level IGC specification
- Flights stored in IGC format are downloadable using integrated SD Card or USB
- Support for multiple waypoint and task databases with virtually no limitations
- Manage complex tasks with assigned areas
- Real-time flight optimization according to FAI and OLC rules
- Rich full flight and task statistics
- Integrated FLARM collision avoidance system with graphic, sound and voice (optional) presentation

Aviability

LX9000 and LX9000 Flarm will be available in september 2010. LX9000 Basic end of year 2010

Size and weight

- Display unit 145mm x 113mm x 38mm (WxHxD)
- Vario unit Ø57mm x 115mm
- Weight: ~565g (without vario unit)

Color display

- 262144 colors
- 5.6" (14,2cm) screen
- 480 by 680 pixel resolution
- 1200 cd brightness

Hardware

- PXA320 processor with 800 Mhz clock
- 1Gb storage memory
- 16-channel uBlox GPS receiver
- FLARM transmitter and receiver
- Engine noise level sensor
- Pressure altitude sensor

Input and output

- Integrated SD card reader
- USB interface
- Serial RS232 interfaces
- RS485 bus interface
- FLARM interface

Configurations

	LX9000 Basic	LX9000	LX9000 Flarm
Main unit	✓	✓	✓
IGC flight recorder	✓	✓	✓
Vario unit	✗	✓	✓
Flarm	✗	✗	✓

the smallest ...

Nano flight recorder



The Nano flight recorder is smallest flight recorder designed according to the highest level IGC specification • Integrated 66-channels GPS receiver with antenna • Built-in battery allows up to 15hours autonomy • Bluetooth for easy data exchange with PDA. • Five LED for clear presentation of operational status • 2Gb SD card for flight storage • Flight stored in IGC format are downloadable through USB connection • Battery is charging, when connected to computer.



Main features

- Integrated flight recorder according to highest level IGC specification
- 66 channel GPS receiver
- integrated GPS antenna
- Plug and play USB interface (mass storage device)
- Compatible with all operating systems (MS Win, Linux, Mac OS)
- App. 14000 hours of logger memory (at 1sec recording interval)
- Flights stored in IGC format are downloadable through USB connection
- Integrated Bluetooth device (SPP)
- Integrated LiIon battery gives you up to 15 hours of independent power supply
- Simple charging of battery via USB port on your notebook, PC or wall charger
- Robust ABS plastic housing
- Easy handling (Turn on and go)
- Simple signalling LED's
- Engine noise level detector
- Internal pressure sensor up to 16000m
- Nano config program for creating declaration and system settings.

Aviability

Nano has been submitted to IGC for approval in June. First deliveries can be expected in August

Size and weight

- Outline dimension 65*42*23mm
- Weight: ~66g

Hardware

- ARM7 core processor running on 60 MHz clock
- 2Gbytes of storage memory
- push and lever button
- 66-channel GPS receiver
- Engine noise level sensor
- Pressure altitude sensor measures up to 16000m

Input and output

- USB interface (mass storage device)
- Integrated SD card reader
- serial RS232 interface for PDA connection
- Bluetooth interface for PDA connection

