

PERFECT BEGINNING

# V7



The LXNAV V7 is a standalone digital speed-to-fly variometer and final glide calculator with GPS input and PDA/PNA input/output • Mechanical needle driven by stepper motor allows fast response and very accurate vertical speed indication • A two-inch 320x240 sunshine readable screen displays user adjustable parameters • An integrated rotary switch with push button is used to setup all the parameters • integrated g-meter • Flarm clock screen with acoustic warning (when connected to Flarm device) • Integrated logbook • A second indicator with rotary switch and push button can be connected to V7 for double-seated aircrafts.

# V7



## Features

- Extremely bright 2" (5 cm) color display - readable in all sunlight conditions with adjustable backlight
- Rotary switch with push button is used to setup all the parameters.
- GPS input with two way communication in standard IGC form (RJ45 connector)
- PDA input with two way communication and 5V power supply for PDA
- Integrated g-meter
- 100Hz sampling rate for very fast response
- TE compensation can be selected to use either pneumatic TE probe or electronic compensation.
- Pre-loaded polar database for almost all gliders.
- Integrated logbook
- Flarm clock screen with acoustic warning when connected to FLARM device
- Much additional information can be displayed - such as average, thermal vario, netto, time, speed...
- Many custom audio settings
- Speed to fly indication.
- Several useful variometer readings can all be displayed on the same vario scale: Instantaneous Vario (outer red pointer), Average Vario (red diamond), MacCready Setting (Blue arrowhead), Thermal Average (Green "T") making it easy to compare the achieved average and thermal climb rates with the MacCready setting.

## Size and weight

- Standard 57 mm (2 1/4") hole
- Outline dimensions: 61x61x95mm (not including the connector).
- Weight 330g

## Color display

- 65335 colors
- 2" (5cm) screen
- 320 by 240 pixel resolution

## Input and output

- GPS port input/output on RS232 level (standard IGC 6 pin connector RJ11)
- PDA port input/output on RS232 or TTL level for PDA/PNA devices with 5V power supply (8 pin RJ 45, 5V output max 2A)
- audio output
- 1Mbit CANbus for extension to V7D repeater

## Power supply

- Power input 10-16 V DC
- Input current : LXNAV V7 at 12 V:
  - 120 mA - minimum brightness without audio.
  - 180 mA - maximum brightness without audio.
- Input current : LXNAV V7D at 12 V:
  - 90 mA - maximum brightness.

## Optional accessories

- LXNAV V7D rear seat device

