EKPV

Multifunctional Display

Panel-mounted and portable at the same time!

Even when cockpit-installed, it is always possible to remove the EKP V from the plane to use it with the internal rechargeable battery for updates, flight planning or training school debriefing.

Light and compact

A brilliant 7" display, with removable battery and built-in GPS receiver, with a weight of just 14.1 Oz (400 g), covering an area of only 4.3" x 6.8" and only 0,8" thick!

Much more than a moving map: navigation, EFB and PFD

All you need in a single device, developed with safety in mind.

Moreover, through the Cockpit Docking Station, EKP V can connect to: AvMap A2 ADAHRS, autopilot, weather receiver, CAS, video camera and other instruments.

Horizontal or vertical? Fully customizable!

You can choose the Horizontal or Vertical orientation and you can change the layout choosing what to see and where to display it. You can set different aircraft profiles and even configure the F1 hard key.
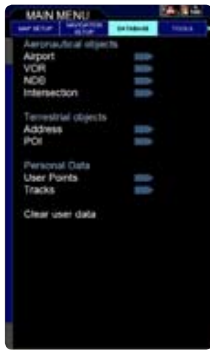
Features overview

Planning

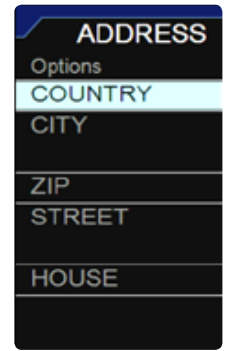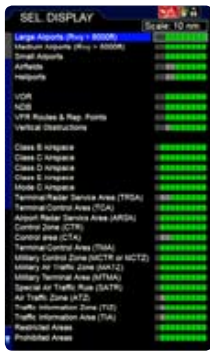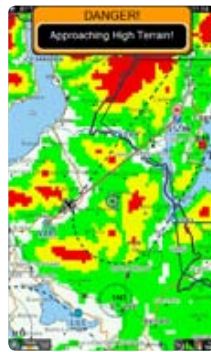|					
GO TO smart menu	Search in the Jeppesen database for Airports, VOR, NDB, INT, VFR rep. points	Editable Checklist	Flight Plan Vertical Profile (Plan up to 50 FP)	Search and Rescue Patterns	Search for a street address

Maps

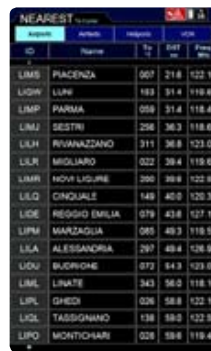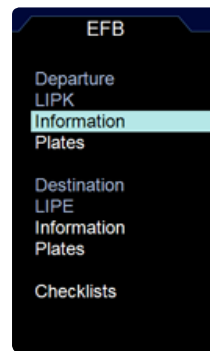|					
Interactive maps	Select which data to display at every map scale	TAWS and obstacles	Airport Diagrams	Approach plates	Custom charts import

Navigation

HSI	Vertical profile on map	Airspace alarms	NEAREST: search for the nearest airport	Electronic Flight Bag	Night vision

Connection to external instruments

PFD / EFIS	Collision Avoidance system	Videocamera	Weather (only in North America)

AvMap EKP V Multifunctional Display

Moving map excellence:
the most detailed maps, with the most reliable official data.

AvMap maps are the result of 30 years of navigation technology and vector maps know-how.
Our aeronautical maps include: Land elevation, Jeppesen database, Avioportolano, HERE Street Network, Airport Diagrams and Approach Plates.

Five available coverages: Europe- Africa, North America, South America, Asia-Australia, Worldwide.

Easy to read maps

Following a visual approach procedure is very easy: select an airport as destination, open its geo-referenced approach plate and watch your plane icon moving on it.

Customize your map

Build three custom map views choosing the data you need most, and switch from one view to another with a click of the Cycle button.

Import your maps

Besides using the incredible set of preloaded maps, you can add your own charts! The AvMap Suite helps you converting and importing charts to your EKP V.

Easy updates with AvMap Suite

Connect EKP V to the PC / MAC and use the AvMap Suite free application to:

• Update EKP V software for free
• Update EKP V maps
• Import flight plans, user points and tracks
• Import custom raster maps.

EKP V is a product in continuous evolution thanks to free software updates; remember to connect your EKP V to the AvMap suite periodically to keep it up-to-date!

Compatible with web services

AvMap Software provides advanced planning functions, moreover, you can use the most popular flight planning services: you can import flight plans from RocketRoute , iFlightPlanner and Google Earth.

Instruments and accessories

Find out all the instruments and accessories you can connect to EKP V to complete your AvMap integrated avionic system on www.avmap.it !

EKP V

Hardware:

• Dimensions: 110mm x 172mm x 21mm (4.3" x 6.8" x 0.8")
• Weight: 400 g (14.1 Oz)
• Display: 7" (16:9) 4.75" x 7" x 1.5" Color LCD TFT
• Resolution: 800 x 480 pixels
• Built-in high sensitivity GPS receiver
• Micro SD preloaded with software and maps

• Power supply: external 10/35 V DC with cable adapter
• Battery: lithium-Ion, removable, rechargeable
• Consumption: max 10 Watt
• Speaker
• USB OTG master / slave
• Temperature range: -20+60° operative / -30°80° storage

* Function available in NorthAmerica

AvMap devices are not IFR certified and are intended for VFR navigation only.
Images are for illustrative purpose only. Aspect may vary without notice.

Cockpit Docking Station

Panel mount EKP V with the Cockpit Docking Station, the hub of all electrical connections of your integrated avionic system.

Features

• N. 2 serial ports (1 x RS-232, 1 x TTL levels)
• N. 4 USB 2.0 (1 x powered by EKP V internal battery)
• Video input - Video composite signal PAL or NTSC
• Audio input and output
• Socket vibration proof for power supply AVG 16
• Aeronautical grade wires
• Temperature Range -20 + 70 °C / -4°F to +158°F
• High sensitivity external GPS Receiver
• Power supply 10 - 35 VDC (28W max)

2 YEAR WARRANTY
100% MADE IN ITALY