

# EKPV

Fully portable, fully featured



Approach Plates  
and Airport Diagrams



AvMap presents EKPV the next step in the evolution of aeronautical GPS, redefining the role of the GPS inside the cockpit.



### Fully Portable

A brilliant 7" display, with built-in battery and GPS, only 0.8" thick



### Fully Customizable

Easily change the layout choosing what to display: maps, taws, weather, vertical profile on map, nav data, HSI, EFIS.



### Full connectivity

With the special docking station EKPV is capable to connect all your devices at the same time



### User Friendly

New intuitive interface  
Full QWERTY virtual Keyboard  
New Joystick + smart wheel

## HARDWARE

- Dimensions: 110mm x 172mm x 21mm (4.3" x 6.8" x 0.8")
- Weight: 400 g (14.1 Oz)
- Display size: 7" (16:9) 4.75" x 7" x 1.5"
- Display type: Color LCD TFT
- Display resolution: 800 x 480 pixels
- Processor: Freescale IMX515 800 MHz
- Keyboard with 10 keys with F1 configurable key
- Progressive Joystick + smart wheel selector
- GPS receiver: built-in u-blox 6 high sensitivity with WAAS position accuracy
- RAM: 512 MB
- Memory Support: Micro SD preloaded with software and maps
- Power supply: external 10/35 V DC with cable adapter
- Battery: removable, rechargeable lithium-Ion
- Consumption: max 10 Watt
- Speaker
- USB OTG master / slave

## MAPS

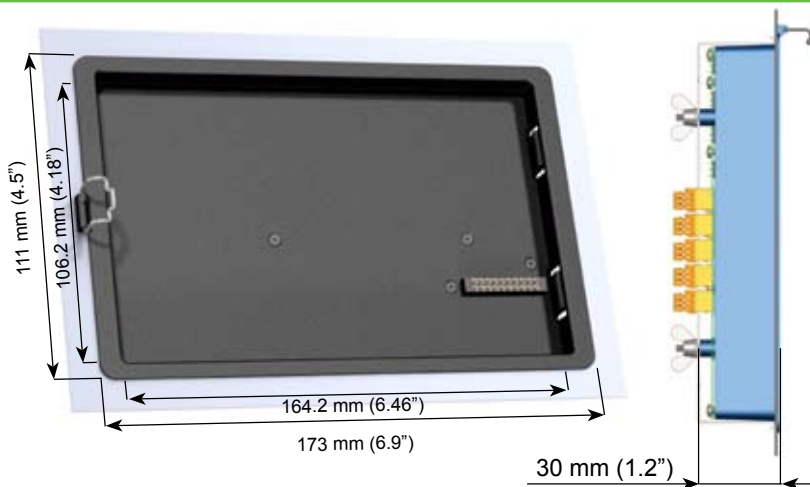
- Worldwide background
- Jeppesen database
- TAWS
- Obstacles data
- Low Airways
- Private Airports
- Approach plates
- Airport Diagrams

## SOFTWARE Features

- Horizontal / Vertical view
- Night Vision
- Vertical profile on map
- Flight plan vertical profile: you can set the waypoints altitude
- Full flight planning capability (up to 15 flight plans of up to 100 legs each)
- Editable aircraft checklist
- Full simulator functions
- Fully customizable display: choose what to see and where! TAWS, weather, vertical profile, nav data, HIS, EFIS (GPS based).
- Integration with other onboard devices: EFIS, autopilot, external antenna, WXXM, CAS
- TAWS: Terrain Awareness and Warning System available worldwide
- Crossed Airspace Predictor and Advisor
- Safe Route predictor and advisor
- Full qwerty virtual keyboard
- Customizable aircraft PROFILES; set a profile for each aircraft with different TAWS settings, selective display etc
- Selective display
- Compatible with AvMap INCAS BB or other Collision Avoidance Systems
- Compatible with XM Satellite Weather\*
- Save waypoints and tracks and view them in Google Earth



\*Service available in North America only, subscription needed.



## The docking station concept

EKP V is intended to be both a portable device, and a cockpit-installed instrument. The optional docking station is conceived to host the EKP V when used as part of the basic on board instrumentation, becoming the hub of all electrical connections.

The docking station can be easily installed on field. It is possible to remove EKP V from the plane for home playing, theft prevention, training school briefing and debriefing, etc.

## Optional docking station

Thanks to the special Docking Station you can connect EKP V to several on-board devices at the same time such as: autopilot, XM WX, CAS, EIS, EFIS etc. so that the large 7" LCD becomes multifunctional and capable to display different flight info.

### Connections:

- 2 serial ports
- 4 USB OTG
- Audio video input
- Audio output
- Socket vibration proof for power supply AVG 16