

GARMIN

GPSMAP® 495



Guidance you can trust.
Terrain you can avoid.
Taxiways you can follow.
And a price you can love.

GPSMAP® 495 specifications

Now you have a choice in GPSMAP® 400 series “mini-MFD” portables. And this one can save you some real money. If you fly in areas of the world where XM™ satellite weather coverage doesn't reach – or if you simply don't require XM datalink capability – our GPSMAP® 495 is the ideal package. It offers all the data features of Garmin's top-tier GPSMAP® 496, without the built-in XM capability or pre-loaded City Navigator® street mapping. (You can still buy and load the street maps separately for turn-by-turn car navigation.) Plus, a connection with your Garmin Mode S transponder lets you display TIS air traffic targets and information for added safety around busy U.S. airports.

Other key features of the GPSMAP 495 include:

- Garmin SafeTaxi™ data provides detailed taxiway diagrams and position information for over 850 U.S. airports.

- AOPA Airport Guide Directory offers detailed information on over 5,300 U.S. airports, along with airports of entry for Canada, Mexico and the Caribbean. Includes names and phone numbers of FBOs and fuel/service facilities, plus ground transportation, ATC data, and more.
- Enhanced terrain and aviation databases (showing private airports and heliports) for added visual reference and emergency “nearest” options.
- Garmin's Smart Airspace™ feature aids visual clarity onscreen – by de-emphasizing airspace that's well above or below the aircraft's current altitude.
- Super fast 5 Hz GPS update speed on the moving map and “panel” display. Gives a smoother, near “real-time” presentation of flight data for added realism and safety.

Great performance. Great features. Great price. That's the Garmin GPSMAP 495. It's the portable for pilots with a well-trained eye for value.

Navigation features

Waypoints:

Total: 3000 with 10 characters (name and symbol)
Continuously updated; Airport, VOR, NDB, INT, user, ARTCC, FSS, airspace, Wx

Routes:

50 reversible routes with up to 300 points each, plus TracBack® modes
Automatic turn-by-turn along-road routes with voice navigation (built in basemap)

Tracks:

10,000 point automatic track log; 15 saved tracks; 1,000 points per saved track; lets you retrace your path in both directions

Trip computer:

Trip odometer, stopped time, moving average, moving time, total average, total time, maximum speed, odometer

Alarms:

Airspace, arrival, off-course, proximity waypoint, clock

Tables:

Built-in celestial tables for best times to fish and hunt, sunrise and sunset, sun and moon by date and position

Map datums:

More than 100 plus user datum

Position format:

Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

GPS performance

Receiver: WAAS enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position

Acquisition times:

Warm: Approximately 15 seconds
Cold: Approximately 45 seconds
AutoLocate™: Approximately 2 minutes

Update rate:

5/second, continuous

GPS accuracy:

Position: < 15 meters, 95% typical
Velocity: 0.05 meter/sec steady state

DGPS (USCG) accuracy:

Position: 3-5 meters, 95% typical
Velocity: 0.05 meter/sec steady state

DGPS (WAAS) accuracy:

Position: < 3 meters, 95% typical
Velocity: 0.05 meter/sec steady state

Dynamics:

6 g's

Interfaces:

RS232 port with NMEA 0183, RTCM 104 DGPS data format and proprietary GARMIN USB interface. Accepts aviation input format from panel-mount GPS. Also can connect to Garmin SL30 and SL40 for frequency tuning and GTX 330 for TIS traffic alerts.

Antenna:

Removable quad-helix

Differential:

WAAS, marine beacon

Moving map features

Basemap:

Built-in routable basemap shows roads, exit services, metro areas and surface features

Database:

Built-in Jeppesen® database with terrain and obstacle data bases™. Includes worldwide airports and VOR's, plus Americas, or Atlantic International, or Pacific International NDB's, intersections, special use and controlled airspace, runway data, plus airport, FSS, and ARTCC frequencies. GPSMAP 495 adds locations for private airports and heliports (U.S. and Europe) and visual reporting points (Europe). Also, Garmin SafeTaxi data supports detailed airport and taxiway diagrams at over 850 U.S. airports.

Approach waypoints: Jeppesen® data also includes final approach sequence waypoints for all published approaches

AOPA Airport Directory

Included AOPA directory contains detailed information on over 5,300 U.S. airports, along with airports of entry for Canada, Mexico and the Caribbean. Includes names and telephone numbers of aircraft services, fuel outlets, transportation, and more.

Custom POIs:

Supports user-created custom points-of-interest (POI) data, using Garmin's free POI Loader software.

Updatable maps:

Accepts optional Garmin data cards for detailed maps

Power

Source:

Rechargeable lithium battery

Battery life:

5-15 hours of use (depending on backlight settings)

Physical

Size:

5.7" W x 3.2" H x 1.9" D (14.47 x 8.12 x 4.82 cm)

Weight:

14.2 ounces (.40 kg) with battery

Display:

3.75" diagonal (9.5 cm) 480 x 320 pixels, 256 color sunlight readable TFT with adjustable backlighting

Case:

Fully gasketed, high impact plastic alloy, waterproof to IEC 60529 IPX7 standards***

Temperature range:

5°F to 140°F (-15°C to 60°C)

User data storage:

Indefinite

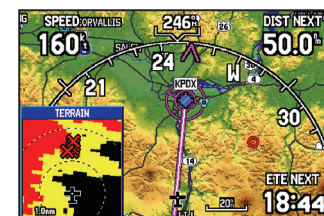
Accessories

Standard

Carrying case
Auto mount
USB interface cable
GA 26C portable antenna
Free single Jeppesen® update
12-volt vehicle power cable
Yoke mount
Owner's manual
Quick reference guide
Wall charger
Trip & Waypoint Manager software

Optional:

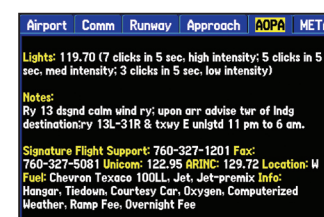
MapSource CD-ROMs



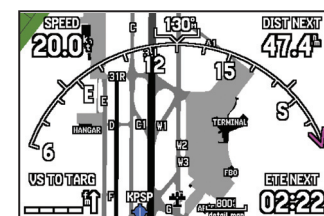
Pop-up Terrain Alert display with voice warnings



Panel display—5 Hz update rate gives faster, smoother presentation



AOPA's Airport Directory data



Taxiway diagrams

Specifications are preliminary and subject to change without notice.

** Obstacle data available only for U.S.A

*** Up to 1 meter for 30 minutes



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