



With color GPS terrain mapping, Jeppesen® information, and obstacle alerting, Garmin's iQue 3600a is the real pilots' Palm®.

Ready to navigate right out of the box, the Garmin iQue 3600a goes from Palm® PDA to cockpit GPS – in a snap!

At first glance, it looks like a typical Palm Pilot organizer. But then, simply clip the unit into its special yoke-mount cradle with dedicated aviation function keys – and your PDA is suddenly transformed into one of the most powerful, most versatile GPS handhelds you've ever taken aloft.

Featuring a crisp, 3.8-inch diagonal color display and self-contained terrain/obstacles databases, the iQue 3600a provides a detailed Sectional chart-style overview of surface features, nav aids, SUAs, towers, etc., along your route of flight.

In "Terrain" mode, the unit offers TAWS-like warnings and "pop-up" alerts when proximity conflicts loom ahead – providing an important extra margin of safety.

Back on the ground, optional MapSource® CD downloads and user-selectable formats enable the iQue 3600a to move seamlessly from plane to automobile at the press of a button. Not only does this "Super PDA" keep track of addresses, contacts and appointments – but it can also locate and route you to them automatically with turn-by-turn voice directions.

The Garmin iQue 3600a. As more and more pilots are discovering: It's the smart way to navigate your day.

Internal system

Operating system: Palm OS Garnet

Embedded capabilities: GPS, MP3 player, voice recorder, infrared communication, vibrating alarm and enhanced battery monitor

Audio hardware: Microphone, speaker, headphone jack

Processor: 200 MHz DragonBall MXL ARM 9

Internal memory: 64 MB SDRAM, 96 MB ROM

Expandable memory: SD/MMC

Standard applications

Garmin Que™ apps: MP3, GPS Clock, Address Lookup, Electronic Mapping, Track log, Trip Computer, Automatic Route Generation and Turn-by-Turn Voice Guidance

Palm OS apps: Address Book, Calculator, Date Book, Memo Pad and To Do List. All of these can be HotSynced with Microsoft® Outlook® applications

Aviation apps: Terrain Alerting, Panel Display, Flight Log, E6B computer, Weight & Balance calculations, Active Flight Plan Route information

Moving map features

Basemap: Built-in routable basemap (North America and South America) contains state and country boundaries, lakes, rivers, streams, airports, cities, towns, coastlines, state and interstate highways, local thoroughfares and secondary roads within metro areas

Database: Built-in Jeppesen® database including 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; Garmin terrain and obstacles* database

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

CD-ROM: Accepts downloadable map detail from optional Garmin PC-based MapSource® City Select® CD-ROM which provides street-level detail, addresses, listings of nearest restaurants, hotels, ATMs and more

Navigation features

Routes: Aviation routes are user-created. Automotive routes are automatically calculated with turn-by-turn instructions and support for route avoidance; Using built-in basemap, routes include interstates, highways and major thoroughfares; With optional detailed data from CD-ROM, routes include residential street-level detail

Number of routes: 50, with up to 250 points per saved aviation route and 50 points per saved automotive route

Tracks: 32, with 500 points per saved track and a maximum of 5,000 active track points

Trip computer: Resettable odometer, timers, average and maximum speeds

GPS performance

Receiver: 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 5 minutes

GPS accuracy

Position: < 15 meters, 95% typical

Velocity: 0.05 meter/sec steady state

UDGPS (WAAS) accuracy

Position: < 3 meters, 95% typical

Velocity: 0.05 meter/sec steady state

Interfaces

Antenna: Flip-up, adjustable GPS antenna with remote antenna capability

Power

Source: Rechargeable Lithium-ion battery or 4.5-5.5 vDC
4 weeks standby time
3-9 hours of operation depending on the backlight setting and usage patterns

Physical

Size: 2.8"W x 5"H x .8"D (72.1 x 127 x 20.3 mm)

Weight: 5.7 ounces (161.7 g) with stylus 6.14 oz (174.2g)

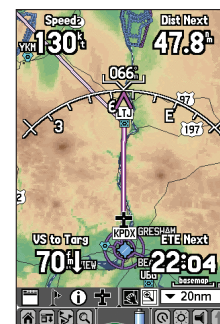
Display: 3.8" diagonal (54 x 81 mm) 320 x 480 pixels, 16-bit color display and white LED backlight

Operating Range: 32°F to 122°F (0°C to 50°C)

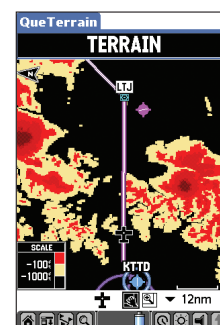
Accessories

Standard: Protective display cover, Metal stylus, USB HotSync® cradle, A/C power/charging adapter, Quick start guide Installation/application CD-ROM w/ manual, Yoke mount/aviation cradle, GA27C external antenna kit, 12-volt power/charging adapter, Free single Jeppesen® update

Optional: Auto navigation kit, Yoke mount kit, Travel kit, Vehicle suction mount, Serial HotSync® cradle, USB/Serial Sync cable, A/C travel charger, 12-volt power/charging adapter, stylus, leather case, GA 27C antenna, Non-skid friction mount, permanent and temporary adhesive disks, MapSource® software CD-ROMs



Extensive Jeppesen® database and Sectional-style shaded cartography depict point-to-point routes with edit-on-map capability.



Terrain proximity cautions and alerts pop up whenever a potential hazard conflict looms ahead.



To aid in pilot situational awareness, the iQue 3600a "Panel" page features graphic HSI steering cues with GPS-derived VNAV.



Yoke-mounted aviation cradle provides dedicated function keys for quick access to such features as Direct-To, Nearest Airports, Menus, etc.