

Combining the latest Pocket PC applications with touch-controlled GPS

## Masterpieces of mobile organization.

car navigation and mapping, the iQue® M3 and M4 from Garmin take Windows Mobile™ PDA mobility to a whole new level. Both units feature crisp point-screen displays (with 2D or 3D map views), so users can easily select navigation functions using their index finger, rather than a stylus – for quick address lookup, route calculation and voice-guided turn-by-turn directions. The M3 comes with loadable City Select® DVD; the M4 comes fully preloaded with City Navigator™ NT detail for all of North America. Plus, the M4 uses a new high-sensitivity receiver for improved GPS performance.



## Internal system

- Operating system:** Windows Mobile™ 2003 Second Edition for Pocket PC
- Embedded capabilities:** 12-channel GPS receiver, IrDA, M4 features SIRF high-sensitivity receiver
- Audio hardware:** integrated speaker, microphone, 3.5mm stereo headphone jack
- Processor:** 312 MHz Intel® PXA271 XScale™ processor, dedicated 48MHz ARM7 GPS coprocessor
- Internal memory:** 64MB RAM, 32MB ROM (2MB safe storage available in M3. Safe storage is not fixed, but is available in the M4)
- Expandable memory:** SD/MMC

## Standard applications

- Navigation:** Garmin's QueNav for mapping, routing and navigation
- Microsoft apps:** Pocket Internet Explorer, Pocket Outlook, Notes, Pocket Word, Pocket Excel, File Explorer, Calculator, Voice Recorder, Windows Media Player, Pictures (Image Viewer), MSN Instant Messenger Client, Solitaire, Jawbreaker

## Moving map features

- Basemap:** M3 and M4 auto navigation features Garmin's easy-to-use finger touchable mapping software. Using built-in basemap, routes include interstates, highways and major thoroughfares
- Detail:** The iQue M3 accepts downloadable map detail from Garmin PC-based MapSource® City Select® DVD (included). The iQue M4 comes preloaded with MapSource® City Navigator™ North America NT software. Both versions provide street-level maps and addresses, plus listings of nearest restaurants, hotels, ATMs, etc., throughout the U.S., Canada and Puerto Rico

## Navigation features

- Routes:** Automatically calculated with turn-by-turn instructions. With MapSource® software, routes include residential street-level detail
- Trip computer:** Resettable odometer, timers, average and maximum speeds

## GPS performance for iQue M3

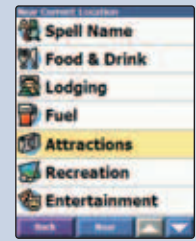
- Receiver:** WAAS/EGNOS-enabled. 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position. High-sensitivity SIRF receiver is featured on iQue M4
- Acquisition times:**  
**Warm:** Approximately 15 seconds  
**Cold:** Approximately 45 seconds  
**AutoLocate®:** Approximately 5 minutes
- Update rate:** 1/second, continuous
- GPS accuracy:**  
**Position:** < 15 meters, 95% typical <sup>1</sup>  
**Velocity:** 0.05 meter/sec steady state
- DGPS (WAAS) accuracy:**  
**Position:** < 3 meters, 95% typical <sup>1</sup>  
**Velocity:** 0.05 meter/sec steady state

## GPS performance for iQue M4

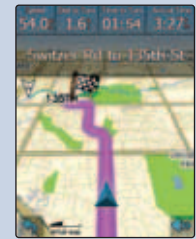
- Receiver:** (WAAS-enabled)
- Acquisition times:**  
**Warm:** <1 sec  
**Cold:** <38 sec  
**Factory reset:** <4 sec
- Update rate:** 1/second, continuous
- GPS accuracy:**  
**Position:** < 10 meters, typical  
**Velocity:** 0.05 meter/sec RMS
- DGPS (WAAS) accuracy:**  
**Position:** < 5 meters, typical  
**Velocity:** 0.05 meter/sec RMS
- Antenna:** Flip-up, adjustable GPS antenna
- Interfaces**  
**Type:** USB, Infrared, SDIO
- Power**  
**Source:** 1250m Ah lithium polymer rechargeable battery
- Physical**  
**Size:** 2.8"W x 5"H x .8"D (72 x 128 x 19 mm)  
**Weight:** 5.9 ounces  
**Display:** 3.5" QVGA transfective TFT display, 64K colors

## Accessories

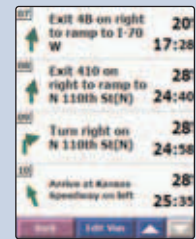
- Standard:** Protective flip cover  
 Metal stylus  
 Automotive windshield mount with integrated charger  
 A/C power adapter  
 USB ActiveSync® cable  
**M3:** MapSource® City Select® North America v7 DVD w/ full unlock  
**M4:** MapSource® City Navigator™ North America NT preloaded  
 Dashboard disk  
 Quick reference guide
- Optional:** Travel kit  
 External GPS antenna  
 MapSource CD-ROMs or DVDs  
 Stylus 3-pack  
 Leather case  
 Automotive friction mount with integrated charger



Look up points of interest



Creates a route



Turn-by-turn directions

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Specifications are preliminary and subject to change without notice.

<sup>1</sup>Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense Selective Availability Program.

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**iQue M3**  
 Comes with downloadable MapSource® City Select North America DVD

**iQue M4**  
 Comes fully loaded with MapSource® City Navigator™ North America NT detail