

G5

AvMAP

SATELLITE NAVIGATION



Actual Size

AvMap G5 Personal Navigator

Your Journey, Our Technology

Avmap G5: A new TOUCH in APRS operations

The AvMap G5 personal navigator is a smart driving assistant for your business or pleasure trips throughout North America. The unit comes preloaded with highly detailed Teleatlas street maps of North America on a 4 GB Hyper detailed SD card and gives you color 2D and 3D views with turn by turn voice prompts in 14 different languages. The AvMap G5 is practical and easy to use with a built-in highly sensitive 20 channel Sirf 3 GPS engine for fast and highly accurate fix. The ultra bright, non-glaring, 5 inch, TFT TOUCHSCREEN is easy to view. The G5 night mode and auto brightness features make viewing easy and hassle-free in any lighting condition. Working in conjunction with Kenwood-USA, the G5 is your out of the box solution for APRS® operations. Watch APRS activity right on the screen and you can distinguish between fixed and mobile APRS stations. You can even set the G5 to navigate to your favorite APRS station and get rerouting instructions when the new position is reported!

Included with the G5 is a Kenwood-ready cable and exclusive APRS interface built right into the G5. This

bi-directional RS-232 APRS interface is compatible with ALL current APRS ready Kenwood Radios. If used with a Kenwood D710A/E and is set in the KENWOOD format sentence, the G5 supports standardized APRS icons, and unique functions as advanced tactical mode. An online video demonstration of these exclusive Avmap APRS features can be seen at www.youtube.com/w6gps. Other features include: detachable 12v power cable, bi-directional NMEA 183 serial port, external antenna port, NTSC/PAL video and audio input, PC connection for software updates via USB port, off road, fastest route, and least turns calculations with turn details. Routing instructions include current road name and house number with road name and the next turn command. "Drive Me Home" rapid command. Improved intuitive touch screen address lookup with millions of points-of-interest. The downloadable Avmap POI loader allows you to load your custom OV2 format POI's.

It's a great stand alone Navigator first, but added APRS features make the AvMap G5 the ultimate out of the box solution for mobile APRS activity.



APRS marks formatted in the Kenwood sentence (\$PKWDWPL) will support dozens of APRS Icons.

APRS marks formatted in the NMEA sentence (\$GPWPL) will produce blue circles for stationary stations, and red triangles for moving targets.

Sample of Icons



Dimensions (mm)	140x100x35.4
Weight	390 g
Display	TOUCHSCREEN 5" (12.7 cm)
Display brightness	400 nits
Automatic brightness control	Yes
Display Colors	65536
Display resolution	320x240 pixels
GPS Receiver	Built-in, Sirf Star III 20 channels(-159db sentivity)
Processor	Arm9 300Mhz
RAM	32 MB
Memory Support	Secure Digital (SD) 2gb
Battery	Built-in Li-Ion rechargeable battery
Power supply	With car charger 10/35 V
Built-in Speaker	
Audio Video Input	✓
Audio Output	✓
External GPS antenna serial Port	✓
Radio APRS systems/ GSM localizing devices	✓
PC USB interface	✓

Software	
Operating System	AvMap
Software update	Free
2D view	✓
3D view	✓
Night vision	Yes
Import Custom POI database from external sources	✓
Save personal addresses (Mark points)	Yes, up to 1000
House number search	✓
Routing Options	Fastest, shortest, off road, fewer turns
Avoid options	Toll roads, walkways, ferry routes, u turns, highways, unpaved roads, built-up areas
Turn detail screen	Yes
"DRIVE ME HOME" quick command	Yes
Turn-by-turn vocal instructions	Yes

Content of the Box	
SD memory card	✓
Car charger	✓
Audio video cable	✓
USB cable	✓
Holder with suction cup	✓
User manual	Yes
Kenwood Ready APRS cable	Yes

Maps
Maps preloaded North America

AvMap/USA * 133 Falmouth Road, Mashpee, MA 02649 * 800.363.2627 * Fax: 508.539.4383
 www.avmap.us * email: info@avmap.us
 Online video demonstrations www.youtube.com/w6gps * Yahoo support group: Avmap_G5_APRS