

Pro Compass 1.1 adds World Geodetic Datum Pack Option

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Virginia based Hunter Research and Technology today introduces Pro Compass 1.1, an update to its popular navigation app for iOS devices. Pro Compass replicates the look and feel of classic pocket compass hardware, adding modern features and technologies. The app offers nine different compass modes with needle, pointer, and rosette styles capable of displaying degrees, quads, or mils. Version 1.1 adds over 220 geodetic datums covering regions and countries on all continents around the world.

Williamsburg, Virginia - Pro Compass is the newest app from Hunter Research and Technology, developer of the popular Theodolite app series. Pro Compass replicates the look and feel of classic pocket compass hardware in use since the 1800s, adding modern features and technologies. The app uses advanced OpenGL graphics (normally reserved for games) to render 3D floating compass hardware for realistic operation.

Pro Compass offers nine different compass modes with needle, pointer, and rosette styles capable of displaying degrees, quads, or mils. The needle mode shows a proper "direct read" display. In all modes, Pro Compass shows both magnetic and true direction simultaneously, with a rotating outer true ring that is automatically adjusted for local magnetic declination.

Pro Compass displays location and altitude, with decimal, degree-minute-second, UTM, and MGRS position formats. The app also contains a built in two-axis inclinometer that drives two independent bubble levels and a bullseye level. The inclinometer has angle readout dials for each axis, making it useful for many different types of measurements including slopes, pitches, sight lines, and geological angles like dip and strike.

The new World Geodetic Datum Pack, available as an optional in-app purchase, adds over 220 new geodetic datums to the app for more accurate position and altitude computation from GPS data. Datums include NAD-27, NAD-83, OSGB-36, ED-50, and hundreds of others, covering regions and countries on all continents around the world. The new feature is targeted at professional, military, search and rescue, and outdoors users who need more accuracy from the GPS hardware on their iOS devices, or who want to work with specialized coordinate systems and grids in regions of operation all around the world.

Pricing and Availability:

Pro Compass 1.1 is available on the iTunes App Store for \$0.99 (USD) and works on any compass-equipped iOS device. This includes the iPhone 3GS, iPhone 4, iPhone 4S, iPhone 5, and all models of iPads. More information, including screenshots, is available on the Hunter Research and Technology website. Media professionals interested in reviewing Pro Compass can request a promotional code to download the app from iTunes at no cost.

Pro Compass 1.1:

<http://www.hrtapps.com/procompass/>

Purchase and Download:

<http://itunes.apple.com/app/pro-compass/id517739197>

Screenshot 1:

http://a3.mzstatic.com/us/r30/Purple/v4/2e/97/c3/2e97c36a-367a-d7d9-00a8-5b6b0183f98b/mza_1808664670120494989.320x480-75.jpg

Screenshot 2:

http://a5.mzstatic.com/us/r30/Purple/v4/28/0b/08/280b081f-c6f9-2b83-392a-1971480adb3f/mza_9116218088958194086.320x480-75.jpg

prMac: Publish Once, Broadcast the World :: <http://prmac.com>

Screenshot 3:

http://a1.mzstatic.com/us/r30/Purple/v4/eb/51/5e/eb515ed2-ca99-ff1d-ca68-7f76a89ec07b/mza_7755587860208554648.320x480-75.jpg

App Icon:

<http://a3.mzstatic.com/us/r30/Purple/v4/55/fb/b8/55fbb884-f2ad-12ae-b50a-e262f020674b/33hD5Hv6b4ntuhw96bsEDM-temp-upload.bkhdzlpd.175x175-75.jpg>

Hunter Research and Technology is run by Dr. Craig Hunter, a practicing engineer with over 20 years of experience in engineering and software development. Dr. Hunter received the 2004 NASA Software of the Year Award and a 2004 Apple Design Award (Best Scientific Computing Solution on Mac OS X) for his work in software development. He founded Hunter Research and Technology in 2008 to create innovative apps that leverage the advanced hardware and software capabilities of iOS devices. The company has 17 apps available on the iTunes App Store, and develops apps for a range of clients worldwide. Copyright (C) 2013 Hunter Research and Technology. All Rights Reserved. Apple, the Apple logo, Macintosh, iTunes, iPhone, iPod, and iPad are registered trademarks of Apple Inc. in the U.S. and/or other countries.

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Craig Hunter
Principal and Lead Developer

pr@hunter.pairsite.com

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