

## Pro Compass available for Apple Watch

Published on 10/03/19

Virginia based Hunter Research and Technology's popular iOS app Pro Compass is now available as an independent watchOS app for Apple Watch. Pro Compass for Watch replicates the look and feel of classic pocket compass hardware in use since the 1800s. Pro Compass offers true and magnetic compass modes using a liquid-damped rosette-style compass ring. The app uses advanced graphics technologies to render 3D floating compass hardware for realistic operation.

Williamsburg, Virginia - Hunter Research and Technology's popular iOS app Pro Compass is now available as an independent watchOS app for Apple Watch. Pro Compass for Watch replicates the look and feel of classic pocket compass hardware in use since the 1800s. The app uses advanced graphics technologies (normally reserved for games) to render 3D floating compass hardware for realistic operation.

Pro Compass offers true and magnetic compass modes using a liquid-damped rosette-style compass ring. Local sun and moon position are shown on the compass ring and continually updated. Pro Compass also displays location and altitude, with decimal and degree-minute-second position formats. The app contains a built-in two-axis inclinometer that drives two independent bubble levels and a bullseye level. In addition to settings for compass mode and position format, users can choose to display altitude in meters or feet, and select a dark or light interface style.

While Pro Compass was developed for Apple Watch models with a built-in compass sensor (known as a magnetometer), it functions great on other watch models too, by using the device's gyro sensor to measure rotation. Users can twist the watch's digital crown to adjust and calibrate the gyro to the sun position, moon position, or a known bearing. Using these references, the "gyro compass" is then able to give bearing. The calibration is easy, and can be repeated as often as desired to give accurate results.

Pro Compass for Watch works on Series 1-5 Apple Watch models running watchOS 6. The app is available on the App Store, or customers can go to the App Store on their Apple Watch and search "Pro Compass for Watch" using dictation or scribble. Pro Compass for Watch is available for an introductory price of \$0.99 (USD).

Pro Compass:  
<http://hrtapps.com/procompasswatch/>

Purchase and Download from the App Store:  
<https://apps.apple.com/app/pro-compass-for-watch/id1480791726>

Screenshot (Dark UI Style):  
<http://hrtapps.com/procompasswatch/images/dark.jpg>

Screenshot (Light UI Style):  
<http://hrtapps.com/procompasswatch/images/light.jpg>

Hunter Research and Technology is run by Dr. Craig Hunter, a practicing engineer with over 25 years of experience in engineering and software development. Dr. Hunter received the NASA Software of the Year Award and an 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

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

software capabilities of iOS devices and Macs. The company has numerous apps available on the App Store, and develops apps for a range of clients worldwide. Copyright (C) 2019 Hunter Research and Technology. All Rights Reserved. Apple, Apple Watch, iPhone, iPad, watchOS, and iOS are registered trademarks of Apple Inc. in the U.S. and/or other countries.

###

Craig Hunter  
Founder

[pr@hunter.pairsite.com](mailto:pr@hunter.pairsite.com)

\*\*\*\*\*

Link To Article: <https://prmac.com/release-id-83685.htm>

\*\*\*\*\*