



For Immediate Release

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Mintaka Innovations' New Electronic Barographic Systems To Debut at 2017 Seattle Boat Show

January 27, 2017; Seattle, WA – Mintaka Innovations, a wholly-owned company of Barber Creations, LLC, has introduced two additional electronic barographic system products to join the popular Mintaka DUO in bringing precision barographs to the next technological level. Making their debut at the 2017 Seattle Boat Show, the Mintaka DUO+, which features a WiFi capability, and the Mintaka STAR which boasts both WiFi and GPS capabilities will be showcased alongside other Weems & Plath distributed products at the Captain's Nautical expo booth. Weems & Plath is the exclusive distributor of the Mintaka barographic instruments.

"When the National Weather Service Voluntary Observing Ship (VOS) Program puts faith in a barographic system it means something to not only all mariners but weather enthusiasts alike," said Jerry Barber, inventor of Mintaka's barographic systems and Founder of Mintaka Innovations. According to Barber, the NWS VOS Program is the largest customer of Mintaka, having purchased 150 units to date with additional orders pending.

Mintaka's electronic barographic systems are unique in the marketplace, providing not only an alternative to barometers that are typically installed on ships, but a desired system that integrates real time information with historic data to create accurate and reliable pressure readings in a compact easy to install and use instrument. Mintaka's products are all accompanied by the MintakaCommander Application (Mac & PC) to view, export and analyze data, update the firmware, access additional functionality and integration capabilities.

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All three Mintaka products — the Mintaka DUO, DUO+ and STAR all have these standard features:

- Two independent, high-precision atmospheric pressure sensors
- Pressure reading and display update every 1 second and stored every 15 seconds. Pressure at synoptic times (00z plus every 06h UTC) is recorded in it's own file for quick reference
- Graphic pressure history display, past 30 minutes to 120 days
- Unique running 12-h or 24-h average pressure can be displayed to average out semi-diurnal pressure variation present in the tropics
- Prominent pressure trend arrows provide visual warning of significant change in barometric pressure
- Set timezone, control 12-h or 24-h display
- Pressure units include: mb, hPa, kPa, in Hg, in H2O, cm H2O
- Choose between station or sea-level pressure display
- Accuracy of <1 mb over full range of atmospheric pressures and temperatures at any elevation
- Long-term drift <1 mb / yr
- Portable or fixed location operation
- Accepts a wide range of DC input voltages (9V-30V)
- MintakaCommander (Mac & PC): export & analyze data, provide additional functions, firmware updates, integration with other systems
- Made in the USA

Automatically stored with each pressure reading:

- Date & Time (high precision real-time clock)
- Running Average (12-h or 24-h average pressure)
- Tendency (pressure change over last 3 hours)
- WMO/NWS Pressure Tendency Characteristic Code

Integration Support:

- NMEA compliant sentences
- TurboWin+ integration for weather service Voluntary Observing Ships programs

In addition to these standard features, the Mintaka DUO+ includes:

- WiFi (standalone or using existing network)
- Web browser access from computer, tablet or smart phone
- Ability to store network credentials for favorite WiFi networks

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And the Mintaka STAR includes all of the DUO+ features plus:

- Unique GPS Summary Screen provides date, time, position, course, speed, pressure, tendency, & WMO/NWS Pressure Tendency Characteristic Code on one screen
- Set instrument date & time from highly accurate GPS network
- NMEA compliant GPS sentences

Mintaka products were designed on a sailboat by the Barbers and made in the USA. The Mintaka DUO, the first of the Mintaka electronic dual-sensor precision barograph line, was introduced in 2014. The products are lauded for their value considering the instruments start at only \$599, with the top of the line STAR at \$799. All products can be purchased through the company website mintakainnovations.com, through weems-plath.com and select Weems & Plath dealers.

For additional product information, product photography, and biographies of the inventor and founders, please visit mintakainnovations.com/press.

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