



Advanced Data for Watercraft

The **BoatPro** Club

Get the same data as the factory teams...and a bit more!

A modern derivative of the original **BoatPro** we introduced 15+ years ago. An economical data logger that is packaged for your needs. A great value for Sportsman classes:

- ❑ Built-in GPS for speed (0.1mph resolution), trajectories, laptimes, etc.
- ❑ Bright Readable Display
- ❑ Playback/Review On-screen
- ❑ Logging built-in, no junction boxes
- ❑ ECU Input Capability (10-20 channels typically)
 - * Mercury 849849 + FCR12
 - * Brucato ACU
 - * 1000+ other ECU's
- ❑ RPM Input (for non-ECU apps)
- ❑ 2 Dedicated k-type Temperature Inputs (EGT/Head/AirT)
- ❑ 2 Analog inputs (temps, pressures, positions, etc)
- ❑ 2 Speed inputs (Aux RPM, Prop, Fuel Flow, etc)
- ❑ 2 Switched Hi-side (12V) Outputs (up to 15A)
- ❑ WIFI and USB connectivity
- ❑ 4GB Memory (>2500hrs!)
- ❑ May use any sensors from **AIM and Black Diamond** lineup!
- ❑ Expandable to include Lambda and SmartyCam
- ❑ Uses external 9-15VDC power (optional battery and switch recommended)

Lap/split times and any ECU, analog, speed, or GPS channels (from 1 to 16 per page) can be viewed on the display unit. User may configure up to 8 pages. RPM, speed, and lap/segment data from a session may be quickly reviewed on-screen.

Downloaded via WIFI (USB cable also provided) to the powerful Window-based **Race Studio Analysis** software, even more information may be obtained, such as:

- ❑ **Three axis accelerations**
- ❑ **Yaw, pitch and roll rates**
- ❑ **Heading, altitude, and slope**
- ❑ **Ideal Lap/split times**
- ❑ **Driven line/curve radius**
- ❑ **As-driven Track maps with colored overlays**
- ❑ **Instant Prop Slip Ratio**
- ❑ **Hull Crab/Yaw Analysis**
- ❑ **Calculated Pitch Angle and Frequency**
- ❑ **Instant Fuel Mixture (with Lambda Sensor)**
- ❑ **Fuel Pressure and Trim/PropDepth Measurement Available**

A huge variety of special sensors are available, just like the advanced **BoatMAX** systems.

All data is conveniently stored and organized for quick recall, comparison, analysis, and may be shared with team-mates, engine builders, coaches, etc.

The bright back-lit display is easily read day or night, and may be set to 7 alternative background colors. Set of 5 LED's may be used as RPM indicators or relative lap time indication. 2 alarm LED's may be used for multiple simultaneous warnings, with or without on-screen messaging. All may be colored per your preference via the setup software.

Internal GPS circuitry requires no external lap sensor and remembers and can learn which track is being used. It is powerful enough to be placed under polymer/fiberglass bodywork, and still obtain satellite reception!

Display (137x88x32mm) is big enough to quickly read on-track, but may be placed in various locations. Secure "Autosport" quick-connection makes this easily portable from boat-to-boat.



Sensor & USB
Loom



The **BoatPro Club** is pre-programmed and calibrated, ready to race.

A special racer's kit is available for Pro-Hydro applications:

- ❑ *Pre-programmed AIM MXm data/display module*
- ❑ *2 Temps sensor of your choice (EGT/Head/Intake)*
- ❑ *1 Fuel Pressure Sensor*
- ❑ *1 RPM pickup*
- ❑ *1 spare analog input channel (e.g., Trim, Prop Depth, Steer, etc.)*
- ❑ *BoatPro specific harness (12 ft with all functions and USB Bulkhead Connector)*
- ❑ *Printed set-up instruction manuals*
- ❑ *Set-up/analysis software*
- ❑ *Specialized analysis templates.*

As with all **BoatPro** systems, the **Club** carries a 1 year warrantee on all electronics.

For further information, contact:

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