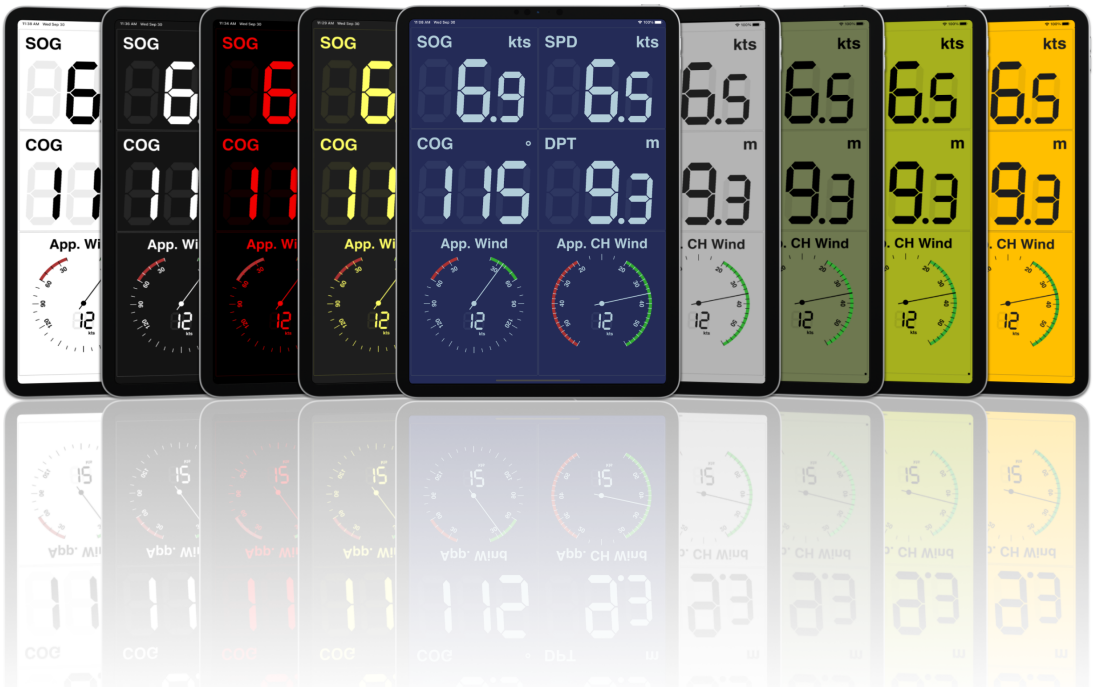
NMEAremote - A Revolutionary Marine Data Monitor Solution for Modern Boaters



Innovative app transforms how sailors and boaters access critical real-time vessel data for sailing, navigation and performance.

NMEAremote, a groundbreaking marine navigation application that wirelessly receives vessel data from onboard instruments on smartphones, tablets, watches and smart glasses. Whether it is navigation or performance data, wind speed or water depth, NMEAremote shows at a glance everything that you need to know.

NMEAremote, a cutting-edge, intuitive user-friendly app, displays any real-time marine data from the boat's central data system ***(NMEA 0183/2000, MQTT, Signal K, Expedition, H5000,…)*** to an Apple mobile display such as iPhone, iPad, iPod Touch, Apple Watch, or ActiveLook® Light AR smart glasses.
Be mobile and connect your device to all your NMEA devices over WLAN, Bluetooth or a computer with the appropriate software.

Made with passion for sailors by a sailor, NMEAremote – the first NMEA app in the AppStore – has evolved into a Swiss Army knife for marine, navigation, and performance data.

NMEAremote enables boaters to transform their mobile devices into comprehensive navigation displays by wirelessly connecting to existing marine electronics.

Whether you use NMEAremote for racing or cruising, sailing or motoring, this all-in-one app will help you enjoy your time on the water and improve your safety and performance.

"I've essentially democratised access to marine navigation data," said the NMEAremote Owner and Developer *Michael Zapf*. *"Whether you're at the helm, in the cockpit, or below deck, your critical navigation data travels with you. Sailors and boaters are empowered with the freedom to monitor their vessels from anywhere on board."*

Comprehensive Feature Set

NMEAremote delivers an extensive array of capabilities designed for recreational, competitive sailors and professional mariners:

- **Dashboard,** with bold, easy to read, and fully customisable readouts and gauges
- **Real-time data** of GPS position, speed, heading, depth, wind, engine parameters
- **AIS integration** for tracking nearby vessels and collision avoidance
- **Environmental monitoring** including weather data, water temperature, barometric pressure
- **Performance and racing data** with *Expedition*, *H5000* and polar support
- **Intelligent alerts** for e.g. anchor drift, shallow water, and AIS collision warnings
- **Data logging and export** for voyage analysis and record-keeping
- **Data multiplexing** to combine multiple NMEA sources
- **Intuitive setup and configuration** with almost every existing NMEA source pre-configured to choose from

Technical Excellence Meets User-Friendly Design

Built on highly optimised native code with performance-critical components using the C programming language, the focus is primarily on performance. The architecture is inspired by high performance game-engines and optimised for real-time data processing.

This results in a precise, fast and responsive app with a power-efficient design that minimises power consumption and extends battery life.

NMEAremote delivers:

- Fast, responsive real-time data displays
- Precise and efficient processing of high-rate sensor data streams
- Low power consumption
- Minimal battery drain
- Stable long-term operation designed for continuous operation
- Small memory footprint

Regardless if used on deck, below deck, or at the helm, NMEAremote remains smooth and reliable — even when handling multiple high-rate data streams.

The app is designed to integrate with existing onboard systems, and in many cases, setup is straightforward for sailors who already use onboard routers or data multiplexers.

Its intuitive interface requires no technical expertise, while advanced features satisfy the needs of experienced navigators.

The dashboard is designed for fast readability in challenging marine environments, with bold graphical gauges, large numeric readouts, and fully customisable layouts tailored to cruising, racing, or system monitoring.
This flexibility is particularly useful for racers who may want quick access to performance metrics, while cruisers might prioritise depth, or engine data.

Enhancing Safety and Situational Awareness

Safety remains paramount in marine navigation, and NMEAremote enhances situational awareness by providing instant access to critical information. The alert system monitors multiple parameters simultaneously, notifying users of potential hazards before they become emergencies.

"*When you're single-handing or short-crewing, having navigation data accessible throughout the vessel is invaluable,*" explained beta testers who participated in the development process. "*You can monitor your instruments while managing sails, checking below deck, or preparing meals – all without returning to the nav station.”*

Compatibility with Existing Marine Systems

One of the strengths of NMEAremote is its broad compatibility with established marine data standards and performance systems. The app supports common protocols such as NMEA 0183/2000, Signal K, and MQTT, and integrates with popular performance platforms including Expedition and B&G H5000.
This allows the app to fit into both simple cruising setups and complex racing installations. In many cases, no additional sensors are required — the app simply displays the data already flowing through the boat’s network.
Connections can be made via onboard Wi-Fi, Bluetooth gateways, or networked computers acting as data servers. For sailors who already use onboard routers or data multiplexers, setup is often straightforward.

Broad Use Cases Across Boating Segments

NMEAremote is used by a wide range of boaters, from weekend cruisers to offshore racers and professional crews. Its flexible architecture supports simple installations as well as complex racing and performance systems, making it suitable for both leisure sailing and competitive environments.

Cruising Sailors:

- Secondary display complementing fixed instruments
- Monitoring systems while moving around the boat
- Anchor watch and safety alerts during rest periods

Short-Handed Crews:

- Distributed monitoring system accessible throughout the vessel
- Safety alerts following crew members anywhere on board
- Reduced need to return to chart table

Racing Teams:

- Performance data platform with real-time metrics
- Wearable technology for hands-free data access
- Multiple crew members monitoring different data simultaneously

Apple Watch Support

NMEAremote's Apple Watch app brings real-time marine navigation and vessel data directly to your wrist, functioning as part of the comprehensive iOS marine data ecosystem.

The dedicated Apple Watch app complements the full iPhone/iPad experience, giving you quick-glance access to all vessel data while keeping your hands free for sailing. This is especially useful during sail changes, docking manoeuvres, or when both hands are occupied.

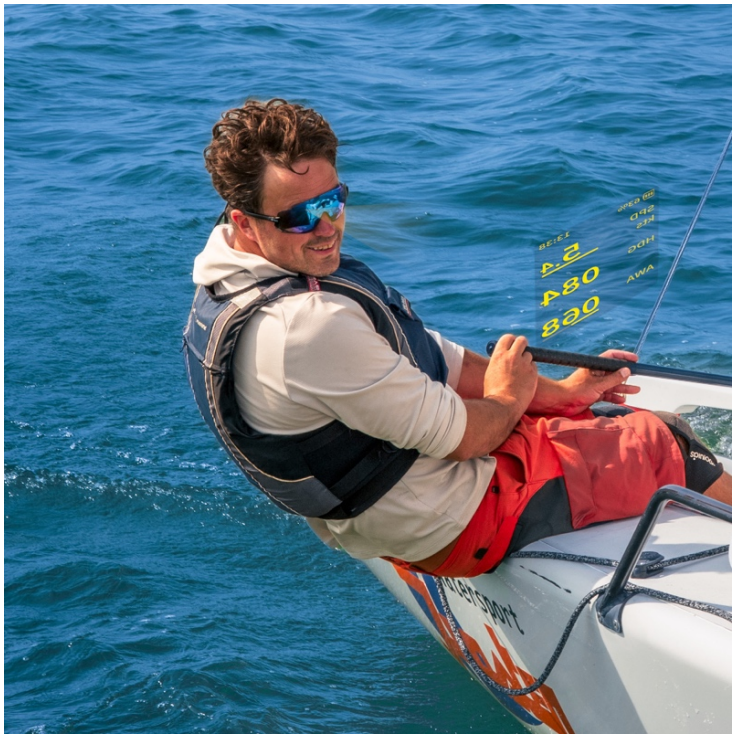
Optional standalone operation:
With improved connectivity and ***HTTP Client*** support the watch app can also be configured to operate independently from the iPhone. This means you can view marine data directly on your watch without needing your iPhone app open.

A dedicated iPad could act as a central data server, allowing crew members to connect their watches independently — even without carrying iPhones on deck.

ActiveLook® Compatibility

NMEAremote supports the *ActiveLook®* Integration to deliver real-time and hands-free sailing data to competitive and performance-focused sailors.

ActiveLook® is a heads-up display technology for connected eyewear combining low weight, low energy consumption and a very long battery life. This integration revolutionises sailboat navigation by providing all the essential information directly and instantly within the sailor's field of view.



Navigation and performance data can now be seen directly in ActiveLook® compatible "Light AR" eyewear. This heads-up display capability allows sailors to keep their eyes on sails, traffic, and course conditions while maintaining constant access to critical data.
In situations such as crowded starts, sail trimming, or mark roundings, this can help sailors maintain situational awareness while still tracking speed, wind shifts, or tactical targets.

Thanks to the ActiveLook® technology, performance and safety are enhanced and NMEAremote takes another leap forward in enhancing the sailing experience.

Why NMEAremote Matters

NMEAremote represents a significant shift in how sailors interact with vessel data and the evolution of marine navigation from fixed-installation systems to flexible, mobile-first architectures.

Rather than being tied to fixed displays at specific locations, critical navigation and performance information becomes mobile and accessible throughout the boat.

This change in accessibility has several important implications:

Improved Safety: Continuous awareness of vessel conditions regardless of crew location, with alerts following crew members rather than remaining at fixed stations.

Enhanced Performance: Real-time data access during critical sailing moments without needing to look away from sails, course, or traffic.

Greater Flexibility: Personal devices serve multiple purposes, reducing the need for dedicated marine hardware in every location.

Lower Barriers: Sailors can leverage devices they already own rather than investing in additional fixed displays.

As boats become increasingly connected and sailors more comfortable using personal devices on board, apps like NMEAremote are transitioning from optional accessories to essential components of the modern navigation toolkit.

For cruising, racing, and everything between, NMEAremote gives you professional-grade monitoring with the flexibility of mobile devices.
Whether you're a weekend sailor, offshore cruiser, or professional mariner, NMEAremote provides the tools to monitor your vessel's navigation systems with unprecedented flexibility and convenience.

Availability

NMEAremote is currently available on iOS through the Apple App Store for a one-time payment without any subscriptions or hidden costs.
There is also an NMEAremote **LITE** version offering limited functionality and upgrade options.

An Android version is currently in development.
This would expand access across a wider range of devices and ensure broad compatibility across the boating community.

Ongoing updates continue to add support for new systems, devices, and display technologies, reflecting the rapid evolution of onboard connectivity.

For more information about NMEAremote, including detailed specifications, compatibility lists, visit www.zapfware.de/nmearemote or contact support@zapfware.de.

About *zapfware*

Michael Zapf Software - ***zapfware*** – is a solopreneur company located in Düsseldorf, Germany, founded in 2003 by *Michael Zapf*.
Michael Zapf started with iOS development in 2009 and the release of his first app in the Apple AppStore paved the way for a number of contributions and releases for some really well-known companies.
As a passionate sailor, he released NMEAremote in 2010 as the first NMEA app in the AppStore. Made with passion for sailors by a sailor, NMEAremote has evolved into a Swiss Army knife for marine, navigation, and performance data and its versatile options won't lack any display needs.
For more information visit www.zapfware.com.

Press Contact

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