



FORGET ANCHORAGES AND HUMAN INTERVENTION

The ability to automatically keep the signal buoys in a precise position, without having to anchor them to the lake bottom or seabed, simplifies life for the organizers of a sailing competition and for training activities of sailing clubs.

OPERATIONAL SIMPLICITY

VR BUOY does everything on its own. Even in the BASIC version, one simple selector allows you to activate its position maintenance.

ROBOTICS AND ARDUPILOT®

LASER NAVIGATION has decades of experience in the design and implementation of robotic processes and was one of the founders of the Ardupilot® platform.

CUSTOMIZABLE DIMENSIONS

VR BUOY can be realized in different sizes, to satisfy different needs of dimensions of the visible float. VR BUOY can be easily transported aboard a 5-meter inflatable boat.

VR BUOY

A valuable assistant to all sailing competitions...and much more



VR BUOY uses robotic technology to move autonomously and maintain a specific position regardless of wind and currents.

There are 3 ranges of control in relation to the type of electronic control platform

BASIC:

VR BUOY is manually placed in the desired position. With the simple activation of a button, VR BUOY registers the GPS position and the on-board electronics pilot the two protected propellers to maintain the position decided by the operator.

MEDIUM:

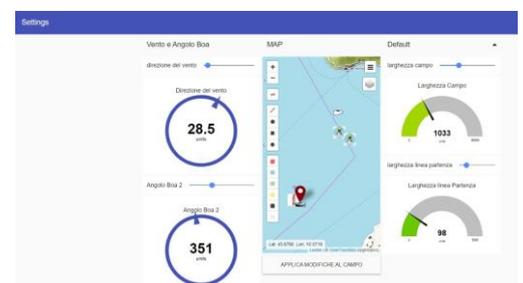
In this version, VR BUOY is piloted by a remote control that enables it to move autonomously towards the desired position. Once the chosen point is reached, the remote control itself allows to activate the position maintenance.

PREMIUM:

In this version, VR BUOY is associated with our specific software, usable via web, which, thanks to a data sim present on the buoy itself, allows you to independently position VR BUOY on a map. This will position itself autonomously in the desired destination chosen on the map, keeping it.

The PREMIUM platform allows you to manage multiple VR BUOYS. A simple definition of their position on the web map, a simple click and.... that's it.

The software of the PREMIUM version allows you to automatically detect the angle and direction of the wind for transmission to the boat committee that can observe it in real time. The PREMIUM version also allows you to define via web, the width of the field and the starting line.



Want to know more about VR BUOY?

We will be happy to give you all the information about it and suggest the most suitable type for your needs.

An extremely versatile platform



- **Body structure:** ABS
- **Visible Float:** Customizable in relation to customer requirements
- **Control electronics:** VRBrain, GPS, (optional LTE router, cameras for streaming video competition)
- **Power supply and absorption:** Batteries 24V 6S- 32A expandable

FOR MORE INFORMATION

Laser Navigation S.r.l.
Via Matteotti, 34
20054 Calcio (BG)
Telefono. +39 3356219035 +39 3482619360
Mail: r.navoni@radionav.it
m.rebuscini@radionav.it

www.lasernavigation.it