

# Wind-6 with precision sensor

## Wind Display

Bright yellow LED-pointer around face of display shows apparent or true wind angle.

The digital LCD can display:

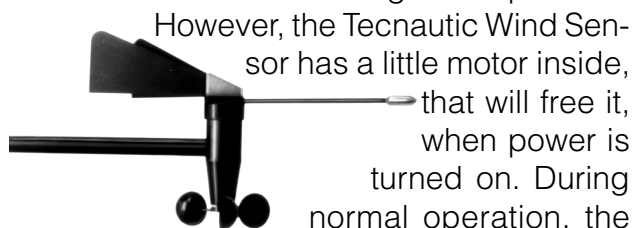
- Apparent or True Wind Speed
- Apparent or True Wind Angle
- VMG (upwind or downwind)
- Magnetic Wind Direction
- Any other desired function, that is available in the system, e.g. Heading, Boat Speed or Depth.

### Features:

- Easy installation due to Mono Cable CAN-Bus common to all components
- Small motor drives anemometer wheel to break cob webs
- Multiple displays
- Guides the Autopilot in true or apparent wind mode
- Mast angle sensor for rotating masts
- NMEA-connection for PC with Racing Software (Polar diagrams etc.)

## Precision Wind Sensor

Cobwebs could eventually block the anemometer wheel during calm periods.



However, the Tecnautic Wind Sensor has a little motor inside, that will free it, when power is turned on. During normal operation, the motor is delivering just enough torque, to compensate for the bearing friction.

The wind angle is sensed with a wedge shaped vane, providing higher accuracy than a single vane. The resulting signal has a precision of 0.3 degrees.

The Sensor has precision ball bearings for wind speed and wind angle.

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Flat display (4.5 x5.2 x0.67in.) Installation requires only small hole in the center. Integrated illumination. NMEA Data In- and Outputs at Displays, Steering Wheels and Drive-Boxes.

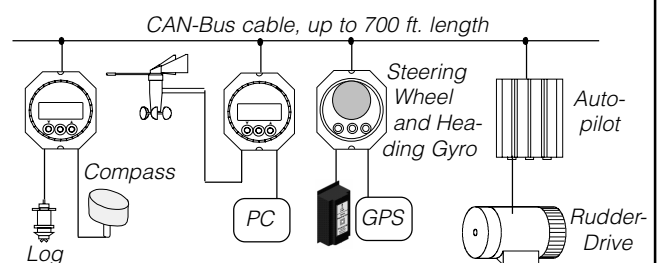
## Flexibility

All TECNAUTIC cockpit displays are technically identical. The display differences is only in the printing on the bezel. This allows the choice of function to be shown on any specific display unit. The configuration process, selecting or deselecting available functions, is done during or after installation.

A similar selection can be made for the sensor type that will be connected to a display unit. For example a wind sensor might be connected to a compass or depth display. Data are exchanged over the CAN-bus.

## Additions:

Beside the sensor connection, every display unit has an NMEA in- and output. This allows a compass sensor, a GPS or other equipment to be connected. External data can thus be distributed via the CAN-Bus and vice versa data from the CAN-Bus can be sent to external instruments, for example to a PC with navigation software.



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