

# Compass-6 Sonic Heading Gyro

## A Mini Gyro Compass

### High precision Gyro

The *heading gyro* is the heart of the *Compass-6*. It provides a stable, non swinging heading display and continuously transmits heading and turn rate without delay. This is an important feature for the helmsman or an autopilot, to avoid incorrect rudder movements, particularly in rough seas. Contrary to mechanical gyros, the *sonic heading gyro* will not wear out and operates silently and maintenance free.



### The H2183 Magnetic Compass

The H2183 consists of a three-axis magnetometer and accelerometer and has a built in automatic compensation function. In addition to compass heading, it measures heel and pitch angles. In the presence of the gyro, its heading is not displayed, but only used to avoid long term drifting of the gyro due to earth rotation and gyro drift. The sensor is mounted on a horizontal surface, or with the supplied bracket on a vertical wall.



The NMEA-0183 data output can be used without the display unit installed.

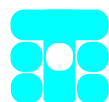
### Proven Technology

Tecnautic is the first manufacturer of *Sonic Gyros* and is building them since 1992. It has demonstrated its outstanding performance and reliability on all kinds of vessels.

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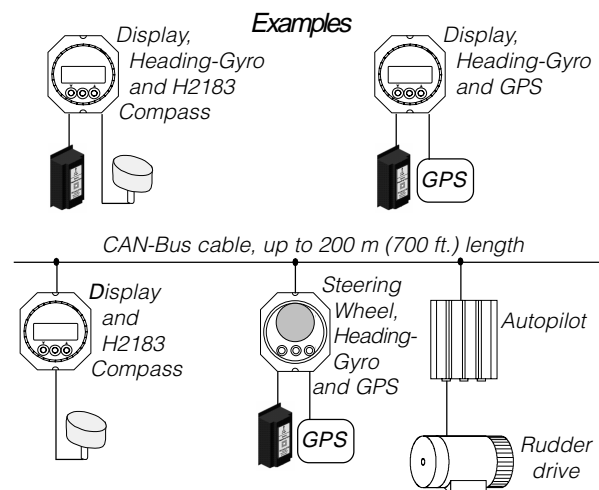
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Flat display (115 x130 x17mm). Installation requires only small hole in the center. An analog LED-pointer around face of display shows heading deviation from selected heading. The digital LCD is used to set selected heading or display actual gyro heading. Integrated illumination is commonly controlled for all displays.

### GPS-Gyro-Compass - NEW!

Instead of the magnetic compass, the gyro can also be slewed by a GPS. In this case it will show *Course over Ground*. The user may set the priority for slewing by GPS or by magnetic compass. When Ground Speed drops to zero, only the magnetic compass will be used to slew the gyro.



### Features:

- Best Sonic Heading Gyro
- Simple installation due to mono cable system (CAN-bus)
- Multiple displays
- NMEA-connection with GPS creates a **GPS-Gyro-Compass**

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