

# NAVITRON SYSTEM LTD

## HEADIND & SPEED DATA INTERFACES

Three models of Heading Data Interface (HDI) are available to convert heading signals sourced from proprietary types of gyro, magnetic and electronic compass to the signal format(s) required to 'handshake' with a wide range of end users such as Radars, Trackplotters, Autopilots, GPS Receivers and Heading Repeaters. Additionally, two of the models will accept speed log pulse information for conversion to combined NMEA heading & Speed data output (VHW sentence) for use by ECDIS, AIS and VDR systems etc.



**Gyro Input signal types: -**

**Synchro ratios:**

1:1, 36:1, 90:1, 180:1, 360:1

**Step by Step:**

3, 6, 24 Step/degree

**M Type:**

12 Step/degree

**Speed Log:**

200 or 400 pulses per nautical mile

**Simultaneous Outputs: -**

- Navitron Serial Data
- Isolated Step by Step: - (selectable at 3, 6, 12 & 24 step/degree)
- 2 x NMEA 0183 Channels: -
  - (i) Heading (HDT): - Select 1Hz, 10Hz or 24Hz with ROT (select 1Hz, 5Hz)
  - (ii) VHW (1Hz, 5Hz) ROT (5Hz) or HDT (10Hz)
- Furuno: - 2 Channels selectable at 5Hz & 40Hz

**Model NT925 HDI** ~ for multi-data type acquisition from most gyrocompass types combining speed log data if required.



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