

Hornet NMEA with USB Installation Diagram

B&G Hornet 4
Digital Repeater Bus
Terminals 12, 13, 14 & 17

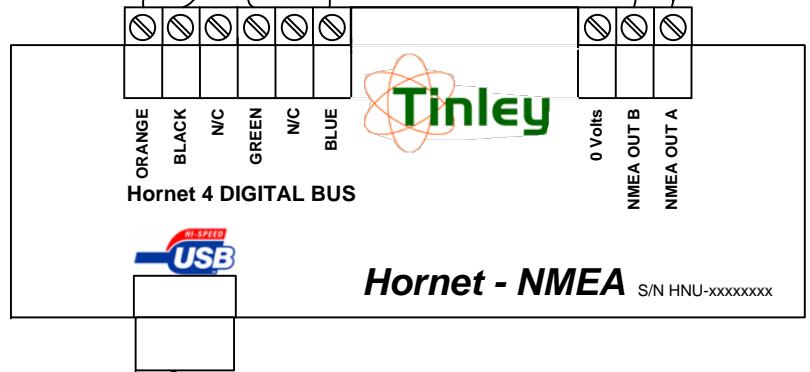
Hornet 4 must be in factory default set up as follows:

Boat Speed in 2 decimal places
Wind Speed 1 decimal place
Wind Angle +/-180 relative to bow

See page 4&5 of Hornet 4 user manual

USB Hi-Speed
V2.0
(Also compatible with V1.1)

Drivers provided on CD for:
Windows Vista, 7, 8
Windows XP
Windows 2000
Windows NT



OUTPUT: NMEA 0183 V3.01

Typical output sentences:

```
$IIVHW,,,,,4.45,N,8.24,K*47<CR><LF>
$IIMWV,330,R,15.1,N,A*16<CR><LF>
$IIMWV,319,T,11.4,N,A*1A<CR><LF>
$IIVWR,030,L,15.1,N,27.9,M,7.7,K*43<CR><LF>
```

Giving:

- Boat Speed
- Apparent Wind Speed
- Apparent Wind Angle
- True Wind Speed
- True Wind Angle

Output drive capability 60mA maximum
Output in accordance with the EIA-422 specification

Note: Some interfaces that are not compliant with NMEA 0183 or EIA-422, (PC's for example), can cause a conflict with this output. This results in excessive current drawn and corruption of data. If this happens connect 'Output A' as the output signal and use '0 Volts' as signal ground. Do not connect NMEA Output B to 0V or ships ground.

Specifications for software version 4.0:

Current consumption dependant on load but typically 45mA