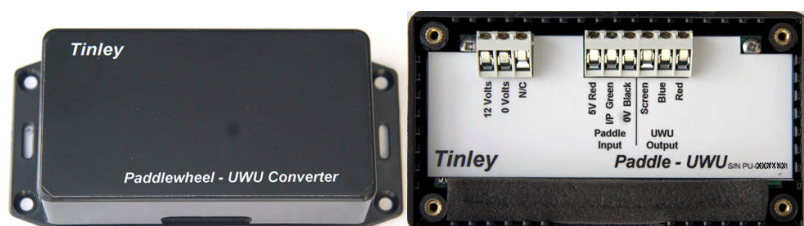




# Tinley Custom Products

- ◆ **Genuine Dealer Discount**
- ◆ **Interface New to Old**
- ◆ **Custom Design to your specification**
- ◆ **Any problem solved**
- ◆ **Many 'Off the shelf' solutions**
- ◆ **Realistic Pricing**
- ◆ **High Quality PCB's**
- ◆ **Proven track record**

## Paddlewheel to B&G Underwater Unit Converter



Install new  
paddlewheel with  
ANY B&G system

Converts new style Airmar or similar paddlewheel boat speed sensor signals to old style B&G UWU signals. Micro version includes NMEA output of boat speed and can be used standalone.

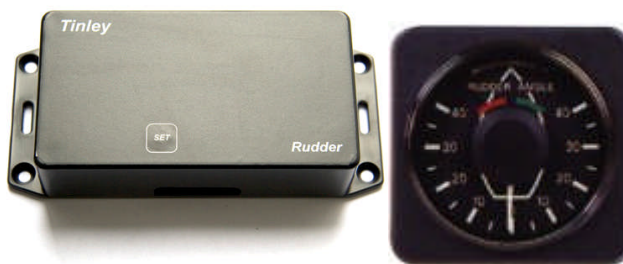
Retail price £155.00 (Hornet 4, Harrier 6, Hercules) or £195 (Harrier 1 to 5 & Hornet 1, 2 or 3, includes NMEA)

## NMEA Merger with USB (Also known as NMEA Multiplexer or Combiner)

The NMEA Merger combines and filters two NMEA input channels simultaneously into one NMEA output channel and a USB port. Unit comes complete with windows Vista, XP/2000 & 98 USB driver to emulate a serial port to use with your existing software. Can be programmed by the user to filter out any NMEA sentences not required or to only allow NMEA sentences that are required. Other software is currently available, including conversion from older sentence formats to newer versions sometimes required by newer equipment. Custom software can be written to suit your application. Software updates can easily be uploaded via USB to flash memory by end users.

Retail price £125.00 **VERY COMPETITIVE PRICE**

## Rudder Angle Indicator Mk3



This unit can be connected directly to a rudder reference unit, sharing it with an autopilot if necessary, giving a rudder angle meter with a fast response! Can be calibrated to give absolute position of rudder in degrees or indicate rudder end stops at the meter full scale. Custom scaled meters are also available making this product truly versatile. NMEA output is also included as standard.

Retail price £195.00 Note: B&G meter not included

## B&G Hornet 4 to NMEA

Connect your B&G Hornet 4 to a computer or chart plotter, etc. USB version also available.

Retail price £195.00 USB version £205.00

## NMEA to 213 Mast Head Unit Converter

Converts NMEA into the analogue signals required by a B&G Hydra, Hercules or Hornet system.

Retail price £195.00

### NMEA to B&G Analogue converter



Now you can add a B&G analogue meter to any instrument or computer that can output NMEA 0183, whatever the manufacturer! Slowly update your system to B&G by fitting their fantastic displays to your existing system! This unit also offers a cost effective solution for connecting a fifth analogue to a B&G Hydra system via NMEA!

Retail price £195.00

### Old B&G Analogue to new B&G Analogue (Synchro) converter

Units available to convert any 2mA or 200uA B&G Hengist/Hornet signals to the latest B&G Synchro analogues. An NMEA output is also available as an option.

Retail price £195.00 NMEA output version £205.00

### Custom input to B&G Analogue converter



Do you have a different standard you wish to interface to a B&G analogue? We can provide a solution, with faster baud rates for serial communication, or different inputs for analogue signals.

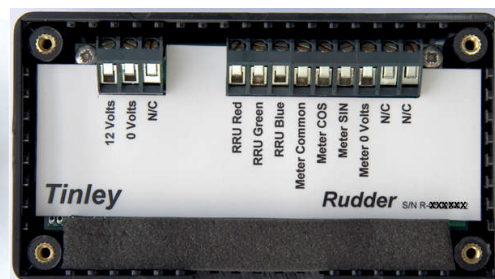
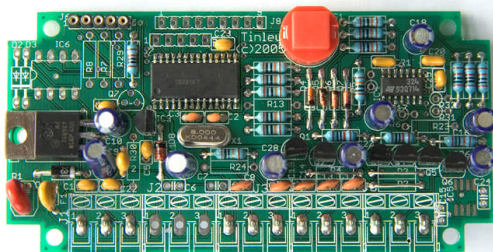
Price on application

### Custom design to your own specification

We design and build one off units entirely to the customers specification. Convert any input signal, analogue or digital to any output format. Interfaces can also perform mathematical functions and accept user input to allow for calibration. You name it and we can do it... all at an incredibly cost effective price.

Price on application

The pictures below show the inside view of one of our current products incorporating a high quality PCB with state of the art surface mount microcontroller equipped with flash upgradeable memory. All our products are designed and built in house for complete quality control.



### Our happy customers include:

- ◆ B&G
- ◆ Simrad
- ◆ Sailtron
- ◆ Diverse Yacht Services
- ◆ Jongert
- ◆ Wally
- ◆ SY Pindar
- ◆ SY Hugo Boss

**Contact Details:**  
Tinley Electronics Ltd  
235 Bentley Way  
LYMINGTON  
England  
SO41 8JW  
Tel: 01590 610071  
Fax: 01590 610072  
e-mail: [electronics@tinley.net](mailto:electronics@tinley.net)  
[www.tinleyelectronics.com](http://www.tinleyelectronics.com)