

**BM-1 Battery Monitor**

The BM-1 is designed to monitor performance of 12 volt lead acid battery systems with capacities of up to 650 Amp hours. It is supplied complete with a precision 100 AMP shunt and a prefabricated cable assembly to enable simple DIY installation. The unit continuously monitors voltage, current (charge or discharge), number of amp/hours (charge or discharge), the batteries state of charge and the time to charge or discharge. This information leads to more efficient use of the battery, which can enhance battery life and reduce the risk of failure.

Specifications: Supply voltage 8 - 16 Volts DC

Supply current 3 milliamps

Battery capacities 5 - 650 AMP Hour

Load current 100 AMPS Maximum

Charge current 100 AMPS Maximum

Shunt Standard 50 millivolt @ 100 AMP

Cables supplied: 100 AMP shunt link to M8 Ring terminal. 5 Metre from display unit to battery - fused and fitted with ring terminals for shunt, fuse holder and M8 ring terminal to battery. Display unit: Standard 110mm square Clipper case. High contrast LCD, backlit for night viewing.

Minimum voltage visual alarm Simple operation - 4 keys to select backlight, Volt/Amp/State of Charge screen, AMP hours or Time to run.



Pro Messpunkt ist ein Shunt erforderlich

126374 BM1 inkl Shunt: 169,99 €

128556 Shunt: 50 €

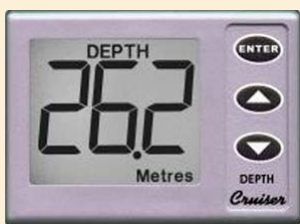
Clipper GPS Repeater

The Clipper GPS repeater has quickly established itself as the market leader in cockpit GPS repeaters. Typical of the Clipper range it boasts large clear digits and simple operation. Installation couldn't be simpler with just two wing nuts to fasten the unit into the panel and two wires to connect to the GPS.

Technical Specifications • Standard 110mm case • Super larger high contrast LCD • Four instantly accessible display screens • Standard NMEA 0183 interface suits most GPS receivers • Complete with weather cover and 10 metres of cable.



119498 GPS Anzeige 139,99 EUR

**Cruiser Depth System**

Contemporary Design

Technical Specifications • Very large display • Depth range 0.8 to 100 metres • Shallow and deep alarms • Blue backlighting • Keel offset • Simple Operation • Complete with transducer and 7 metres of cable • Low current consumption - 10mA @ 12V + 20mA for backlight • Dimensions - 132mm x 98mm x 29mm

203175 Cruiser Echolot 129,90 €

Cruiser Speed & Distance Log

Contemporary Design

Technical Specifications • Very large display • Speed range 1-30 knots in 0.1 knot increments • Blue backlighting • Trip and Total logs • Keypad calibration adjustment • Complete with paddlewheel sensor with 7 metres of cable • Simple Operation • Low current consumption - 8mA @ 12V + 20mA for backlight • Dimensions - 132mm x 98mm x 29mm

203174 Cruiser Log 129,90 €

**Cruiser Compass System**

Contemporary Design

Technical Specifications • Very large display

• Digital bearing and programmable analogue steer to course indicator • Automatic compensation routine • Blue backlighting • Simple Operation • Sealed and fully gimballed sensor with 10 metres of cable • Low current consumption - 20mA @ 12V + 20mA for backlight • Dimensions - 132mm x 98mm x 29mm

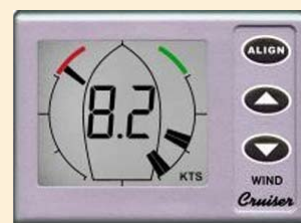
203177 Cruiser Kompass 229,00 €

Cruiser Wind Speed & Direction

Contemporary Design

Technical Specifications • Cruiser Wind • Large High resolution 360 degree display of apparent Wind direction • User selectable pointer style • User selectable Windspeed in knots, M.P.H or K/M/H • Blue backlighting • Simple Operation • Keypad adjustment of masthead alignment • Masthead unit complete with 20 metres cable • Low current consumption - 35mA @ 12V + 20mA for backlight • Dimensions - 132mm x 98mm x 29mm

Cruiser Wind 229,00 €

**MeteoMan**

For a yachtsman planning a voyage, the ability to predict the weather is essential.

The rate of change of barometric pressure and history of wind speed can be an invaluable indicator of imminent conditions.

Many sailors rely on low cost domestic barometers, which are inaccurate, have low resolution and very poor history. Several quality paper recording instruments exist but are delicate, fiddly to use and rely on paper which can jam when damp. The MeteoMan overcomes all these problems. It provides an accurate, high resolution barograph recording in excess of five days data on barometric pressure and wind speed. It is easy to use, reliable, rugged and draws very little power from the boat's battery. The MeteoMan is available with an optional NMEA Wind sensor which provides wind direction, wind speed and external temperature. The MeteoMan provides reliable meteorological information for the yachtsman. The main display shows the wind speed and direction, the ambient temperature and the barometric pressure. To assist in predicting future trends the unit also displays a precision barograph and an anemograph showing barometric pressure and wind speed for the previous five days. In addition to the meteorological functions the unit includes a marine chronometer, a stop watch, a race countdown timer, display of internal temperature and battery voltage. MeteoMan can be connected to an NMEA Clipper Wind system where it will get wind speed/direction data via the Clipper wind output.

NMEA Wind Sensor supplied with mounting brackets and 20 metres of two core screened cable. NMEA 0183 sentences: Wind speed/direction MWV Temperature XDR Technical Specifications Atmospheric pressure range 850 to 1100mb (user adjustment to compensate for altitude) Wind direction (when fitted with NMEA wind sensor) 0 to 360 degrees (in relative mode) Port 180 degrees to Starboard 180 degrees (in nautical mode) Displayed in analogue and digital format: Resolution 1 degree Pressure history Range 1 950 to 1050mb Range 2 980 to 1030mb with 0.5mb resolution Real time clock 12 or 24 hour format Race countdown timer 10 and 5 minutes; Stop watch with split timing Recording time 0 to 160 hours; 0 to 80 hours 0 to 40 hours Temperature: Outside temperature (when fitted with NMEA wind sensor) Cabin temperature Resolution 1 degree centigrade; Wind speed (when fitted with NMEA wind sensor) Maximum speed 100 knots

Wind speed history Supply voltage 9.0 to 15.0 volts; The voltage is shown on the display with a resolution of 0.1 volts Range 1 0 to 100 knots Range 2 0 to 50 knots Range 3 0 to 25 knots Supply current Operating current 100mA (when fitted with NMEA wind sensor) Operating current 150mA (with backlight illuminated) Standby current - less than 10mA Recording time 0 to 160 hours; 0 to 80 hours; 0 to 40 hours

NASA - Meteo Man Barometer 169,90 €

112683 NASA - Meteo Man Barometer mit Mastseinheit 299,90 €

NASA - Speed Ersatzpaddelrad 32,90 €

122230 NASA - Ersatzwindfahne 19,90 €

