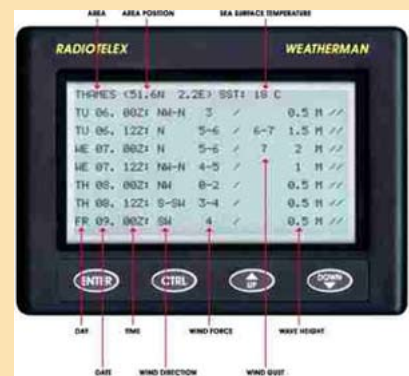


Clipper Navtex

The Clipper navtex is the culmination of nearly 20 years of experience in manufacturing navtex instruments. The compact display unit will grace any instrument panel with its sharp high contrast liquid crystal display. Standard features of the receiver include 518 and 490kHz message reception and a non volatile program memory - if your sailing is confined to one particular area, then you need program the unit only once. Though it will of course receive every station worldwide if necessary! For the best possible night viewing the unit boasts a white backlight that is actuated automatically when programming, a single key press will turn it on and off when reading the messages. Additionally, a built in timer for the light is included to save power when not needed. The antenna at just 195mm high can be easily mounted at deck level to receive the navtex low frequency signals.

Technical Specifications • 518 & 490 kHz operation • 16 lines x 40 characters per screen • Very high contrast display with white backlight • Supply voltage nominal 12V • Consumption 50mA @ 12V. (100mA with backlight) • Power save auto timer on backlight • Signal quality indicator and message error counter • Non volatile program memory • Compact display size: L-150mm, H-112mm, D-42mm • Active micro antenna: H-195mm x 40mm. 7m cable • Optional rail mount bracket

**122228 Weatherman 359,00 €****AIS Radar Receiver**

The Nasa Marine AIS radar is the first stand alone AIS receiver / plotter specifically designed for the leisure boat market.

The display, with ranges of 1,2,4,8,16 and 32 nautical miles shows AIS carrying vessels in a format normally associated with conventional radar. A trail of previous positions clearly shows the relative track of all the targets on the screen. A box to the right of the screen displays the speed over the ground, the vessel name, mmsi number and the latitude and longitude of any target selected by the user.

The compact unit has a white backlit LCD display, operates from 12 volts and consumes little power.

**Ais Engine**

The AIS Engine is supplied with a free copy of 'SeaClear' and a trial version of Software on Board. A data cable to connect to the 9 pin serial port of a PC and a 12 volt power cable. The AIS Engine and a conventional marine antenna are all you need to start plotting vessels on your PC. The software runs in windows 95, 98, ME, Xp, 2000 and NT, it includes a world map on which vessels are plotted. Any vessel on the screen can be selected and its AIS data displayed. This includes the vessels name, MMSI number, position, call sign and destination etc. Also included on the AIS Engine is an optional input for a GPS (RMC sentence). With this connected the users own vessel is shown on the chart with its latitude and longitude displayed in a window. The unit can receive ships on either the A or B AIS channels. In default setting it alternates between the two channels. The AIS engine can also be used with plotters or other PC software that have an AIS input facility. Check compatibility with your software supplier. An NMEA 0183HS input at 38,400 baud is required to accept the VDM AIS strings corresponding to ITU-1371. If your PC does not have a spare 9 pin serial port a low cost serial to USB converter is available as an optional extra. Technical Data • Operating frequencies - 162.025 and 161.975 MHz • Supply voltage - 10 to 16 volts DC • Supply current - 43mA • Messages relayed - 1, 2, 3, 4, 5, 11, 18, 21 and 24 • Antenna input - 50 ohm BNC • Data connector - 9 pin 'D' type • Mounting - via two moulded flanges • Dimensions - 115 x 100 x 30mm • Output format - NMEA 0183 (38400 Baud) • VDM encapsulation string conforming to ITU-1371 • NMEA RMC from GPS (Various receiver parameters are factory preset but can be altered from the PC if software is available.)

**112684 Ais Empfänger inkl Display. 359,00 €****AIS Blackbox 199,99 €****PC Navtex Pro**

The PC Navtex Pro is a two channel navtex receiver designed to operate on your personal computer.

It will receive navtex messages even without your PC connected. Navtex messages are stored in a vast internal memory for you to download when you get on board. Down loading is quick and the software provided allows you to select the messages you want. Leave the unit on 24/7 then, when you get on board, just plug in your

PC and immediately download the latest weather forecast from your local station, or any other message stored in the PC Navtex Pro's memory. Technical Specifications • 518 and 490kHz message reception • 12 volt supply with very low current consumption • Connects to standard Nasa Navtex antenna supplied • Supply voltage 10 to 16 volts DC • Dimensions 115 x 100 x 30mm • Antenna length 195mm (complete with 7 metre cable)

**Gas Monitor**

Liquified petroleum gas (LPG) is an invaluable source of energy on many sailing vessels. It should, however, be used with great care. In its gaseous form it is heavier than air and will always collect at the lowest level in a vessel. Any leak of gas, any spillage of liquid could sink to the bilge and, unable to escape, build up to explosive proportions. The Nasa gas detector system warns if the level of LPG rises above 10% of the lowest explosive limit (LEL) giving adequate warning of the need to ventilate the area before a dangerous situation occurs. The system consists of a cabin mounted monitor and a remote sensor. The monitor gives visual and audible warning if gas levels at the sensor rise above 10% LEL and will warn of fault conditions such as damaged cables etc. There is also an auxiliary output to drive external devices.

The splash proof sensor is supplied with a 5 metre cable and has a test button to check the system right through to the gas sense element. The sense element is user replaceable in the event of contamination.

Technical Specifications • Supply voltage 9 to 15 volts • Low power consumption (typically 30mA) • Fail safe system warns user of system faults • Continuous performance monitor • Spare low cost plug in catalytic sensor • External output to drive ancillary equipment • Dimensions - W 134mm, H 70mm, D 28mm • LEDs show system status continuously • Two tone alarm activates when gas level reaches 10% of lower explosive limit

128872 Gas Detector System 169,90 €