



VOYAGE DATA RECORDER

The VR2272B voyage data recorder is one of the simplest, most reliable and competitively priced systems on the market. As one of the most popular and well supported VDR systems available it conforms to all current IMO, IEC & SOLAS standards for vessels of 3,000gt or above. Designed for ease and economy of installation, the VR2272B is the system of choice for new ships and retrofits alike. It offers an effective and dependable system for retrieval of data in the event of an incident at sea.

The VR2272B captures all mandatory information and stores it in an approved final recording media, the data storage capsule.

Data capture is fully automated and requires no action from the ship's crew.

Following an incident, a minimum of 12 hours historic playback data is recovered by downloading the information from the capsule onto a laptop computer or other storage device.

Up to a further two days of ships data can also be accessed from the system memory which is then overwritten on a continual loop process.

The system continues recording data without interruption during the download process.

The AMI Voyage Data Recorder system comprises:

- Main Electronics Unit (MEU)
- Capsule Fixed KW999-S/L
- Bridge Microphones KW972
- VHF Interface KW973
- Remote Alarm Unit KW950-NT
- Battery Backed PSU KW914-C

The modular system is compact and lightweight making it ideal for the smaller bridge.

KW999-S
Hardend Capsule



KW905
Main Electronic Unit



SPECIFICATIONS

- MAIN ELECTRONICS UNIT (MEU)** The Main Electronics Unit operates without a keyboard, mouse or PC display. The Control and Display panel, power & distribution board, Radar capture, data combiners & audio interface complete the system.
- DATA ACQUISITION** Records the combined mandatory data.
Records all Bridge audio and a designated VHF.
Digitises, compresses and saves the RADAR file every 15 seconds
- CONTROL AND DISPLAY PANEL** Minimal controls.
Status and Alarm Display.
Audible alarm.
Status LEDs.
Push to Save data to local memory.
Push to test microphones.
Power key switch.
- AI6MR AUDIO INTERFACE** The Audio Interface will accept up to 5 microphones.
1 VHF COMM input.
- MICROPHONES INTERNAL AND EXTERNAL (KW972)** Adjustable Gain and Compression.
Self Testing.
- VHF INTERFACE (KW973)** The KW973 will interface directly with the Sailor RT2048 or will accept the outputs from other makes of VHF by inputting. Receive audio and Transmit audio and then adjusting the audio inputs to balance the combined audio output to the VDR.
- FIXED AMI CAPSULE (KW999-S)** The capsule will hold a minimum of 12 hours of radar, data and audio.
- FLOAT FREE AVAILABLE FOR THE SVDR (KW999-FF)** The capsule will hold a minimum of 12 hours of radar, data and audio.
- REMOTE ALARM UNIT (KW950-NT)** Audible and Visual Alarm. Plus a Mute switch.
- AMI-UPS BATTERY BACKED UPS (KW914-C)** An 220/110v AC - 24v DC charging supply up to 2A
2 x 12V DC batteries providing 24v at max 12A/Hr
Auto switch over on AC Fail
Contact Closure on AC Fail Alarm

