



## SIMPLIFIED VOYAGE DATA RECORDER

The X2272 simplified voyage data recorder is one of the most reliable and competitively priced systems on the market. As one of the most popular and well supported S-VDR systems available, it conforms to all current IMO, IEC & SOLAS standards for vessels of 3,000gt or above.

Designed for easy and economic installation, the X2272 is the system of choice for retrofit vessels constructed before 1st July 2002. It offers an effective and dependable system for retrieval of data in the event of an incident at sea.

The X2272 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.

Additionally, an incident capture may be initiated by the crew which will save 12 hours of data.

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

A minimum of 12 hours historic playback data is recovered by downloading the information from the capsule onto a laptop computer or alternate storage devices.

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

This modular system is compact and lightweight making it ideal for both large and small vessel bridges.

### The AMI Simplified Voyage Data Recorder system comprises:

- Main Electronics Unit (MEU) X905-MEU
- 64GB Capsule Fixed **OR** 64GB Float Free Capsule
- Bridge Microphones X972
- VHF Interface X973
- Remote Alarm Unit X950-NT



X999-N  
64GB Hardened Capsule

OR



X-VDRFF-AMI  
64GB Float Free Capsule



X905-MEU  
Main Electronic Unit

## SPECIFICATIONS

### MAIN ELECTRONIC UNIT - X905

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.

**POWER:** 28v DC  
**INPUT:** 9 x NMEA Data, 1 x RGB Radar Video and 6 x Audio  
**ENCSOURE:** 430 x 330 x 180mm 6.6kg

### UNINTERRUPTED POWER SUPPLY - X914-C

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

**OUTPUT:** 24vDC Output  
**ENCSOURE:** 210 x 180 x 110mm 2.4kg

### EXTERNAL MICROPHONE - X972-E

**POWER:** 12v DC supplied from the MEU  
**ENCSOURE:** 115 x 63 x 45mm 350g

### INTERNAL MICROPHONE - X972-I

**POWER:** 12v DC supplied from the MEU  
**ENCSOURE:** 100 x 50 x 25mm 50g

### VHF INTERFACE - X973

The X973 will interface directly with the Sailor RT2048 or will accept the received and transmitted audio outputs from a VHF then combine the audio to output to the S-VDR.

**POWER:** 12v DC supplied from the MEU  
**ENCSOURE:** 120 x 80 x 70mm 250g

### REMOTE ALARM UNIT - X950-NT

Audible and visual alarm with acknowledgement button.

**POWER:** 12v DC supplied from the MEU  
**ENCSOURE:** 120 x 50 x 30mm 50g

### FIXED HARDENED CAPSULE - X999-N

48 Hours Recording Ethernet Interface

**POWER:** 24vDC supplied from the MEU  
**ENCSOURE:** 347 x 180 x 218mm 12.2kg

### FLOAT FREE CAPSULE - X-VDRFF-AMI

48 Hours Recording Ethernet Interface

**POWER:** Supplied from the MEU  
**ENCSOURE:** 280 x 190 x 140mm 1.1kg