SIMPLIFIED VOYAGE DATA RECORDER
X2272

DATASHEET
www.amimarine.com

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.

OR

X999-N
64GB Hardened Capsule

X-VDRFF-AMI
64GB Float Free Capsule

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.

X905-MEU
Main Electronic Unit

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

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APPROVED TYPE APPROVAL SCHEME

0038/yyyy

AMI MARINE

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SPECIFICATIONS

STANDARD SUPPLY SCOPE

MAIN ELECTRONIC UNIT - X905
FEATURES:
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: 24vDC
INPUT: 9 x NMEA Data, 1 x RGB Radar Video and 6 x Audio
DIMENSIONS: 430 x 330 x 180mm 6.6kg

EXTERNAL MICROPHONE - X972-E
FEATURES: IP67 Waterproof
Built in Self-Test
Environmental controls for audio optimisation

POWER: 12vDC supplied from the MEU
DIMENSIONS: 115 x 63 x 45mm 350g

INTERNAL MICROPHONE - X972-I
FEATURES: Built in Self-Test

POWER: 12vDC supplied from the MEU
DIMENSIONS: 100 x 50 x 25mm 50g

REMOTE ALARM UNIT - X950-NT
FEATURES: Audible and visual alarm with acknowledgement button.

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

UNINTERRUPTED POWER SUPPLY - X914-C
FEATURES: 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

POWER: 24vDC Output
DIMENSIONS: 210 x 180 x 110mm 2.4kg

CAPSULE OPTIONS

FIXED HARDENED CAPSULE - CAP-0001
FEATURES: 64GB Solid State storage
48 hours recording
Supplied with 15m Cable
Supplied with PT9 Ninety ULB

POWER: 24vDC supplied from the MEU
153 x 180 x 236mm 12kg

OR

FLOAT FREE CAPSULE - CAP-0002
FEATURES: 64GB Solid State storage
48 hours recording
Simple Ethernet connection

POWER: Supplied from the MEU
DIMENSIONS: 293 x 197 x 140mm 1.1kg

OPTIONAL EXTRAS

ANALOGUE INTERFACE - INT-0024
FEATURES: 16x Input channels up to +/- 30V max
NMEA Data output
Isolation from ground and other channels
Data pass through option
Jumper selection for AC/DC input signals

POWER: 24vDC (18~32V)
DIMENSIONS: 180 x 300 x 70mm 1.5kg

DIGITAL INTERFACE - INT-0025
FEATURES: 32x input channels
Wide input voltage range
Data pass through port
Input and Output LEDs for performance monitoring
Certified to IEC 60945

POWER: 24vDC (18~32V)
DIMENSIONS: 275 x 175 x 70mm 1.3kg

VHF INTERFACE - X973
FEATURES: 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
DIMENSIONS: 120 x 80 x 70mm 250g

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