Fastnet Marine Decoder FMD25

with GMDSS functions – Technology with a Safeguarded Future

FASTNET RADIO AG

for your safety at sea

FMD25 – for all sea areas A1 and A2 worldwide

- weather forecast receiver with GMDSS functions
- with display and integrated printer
- easy to operate
- decodes NAVTEX, Sitor, Morse and RTTY signals
- 2 NAVTEX frequencies
- 8 selectable weather forecast frequencies between 0.1 and 11.8 kHz
- 9 timer functions to receive and store meteorological reports automatically
- print out at a touch of a button
- NMEA 0183 interface – automatic log book-keeping when connected to a GPS
- up to 6 months memory store when switched off
- simple installation
- meteorological information free of charge
- CE approved

For the automatic reception of weather reports, forecasts and warning messages on board.

The FMD25 is the most compact automatic receiver developed by Fastnet Radio for the global reception of weather reports and warning messages.

It is a high quality receiver for the international NAVTEX frequencies 490 kHz and 518 kHz and, for the reception of weather reports, transmitted for the conventional shipping on frequencies which can be self selected between 100 kHz to 11.8 MHz.

The FMD 25 receives and stores all NAVTEX messages from selected stations, which can be printed out by the integrated printer directly or when desired.

The integrated receiver is standardly supplied with the 8 most important frequencies, however the software permits a simple re-programming of all 8 frequencies.

By means of the timer function, up to 9 weather reports transmitted in Morse, RTTY or SITOR for conventional shipping, can be automatically received and stored. The decoded reports can then be read in the display and, if desired, fully or partially printed out in plain language.

A four line, back-lit display and a user-friendly splash-proof keypad guarantee an easy and comfortable operation. Once correctly programmed, up-to-date weather information is constantly available at the touch of a button.

This unit from Fastnet Radio product range, which was especially developed for world-wide A1 and A2 sea areas, excels because of its highly efficient synthesiser and, with its newly developed software, enables a variable frequency selection in 100 Hz steps between 100 kHz and 11,8 MHz. The FMD 25 has therefore a very high quality of reception, not only in the A1 and A2 sailing areas, but also in A3 areas.

Because of the very low power consumption, you can leave this "stand-alone" unit continually in standby mode.

VIA INMARSAT™

FMD25 – Special Features

• Receiver

The two frequencies (490 and 518 kHz) for NAVTEX warnings and the 8 most important weather report frequencies for European waters are already installed.

• NAVTEX Decoder

receives the international NAVTEX frequency 518 kHz in English, and 490 kHz for local language transmissions. It also includes the following functions: selection of stations and types of messages, alarm, suppressing of repeated messages, and the ability to store, display and print out messages received.

• MSI (Maritime Safety Information) Decoder

Reception and printing out decoded MSI messages in plain language according to GMDSS.

• Weather Forecasts in Plain Language

Weather information and forecasts, prepared by meteorologists for the conventional shipping, are transmitted from more than 150 marine radio stations world-wide. The transmitted signals in Morse code, RTTY (Radio Tele Type) or SITOR can be received by the FMD25, decoded, stored and printed out in plain language.

• Timer Function

Similar to a video recorder, it can be set to activate 9 different programme stores automatically. With this feature, it is possible to receive, decode, store and print out forecasts fully automatically. The decoded information can then be recalled, either on the 4 line display or wholly or partially printed out.

• Navigation Log and NMEA Printer

An external GPS can be connected easily via the NMEA 0183 interface. At user selected intervals, the data of the vessel's exact position, date, time and speed will be recorded and can be printed out at request. When in the NMEA printer mode the data will be printed out directly.

• Installation and Operation

The following items are standard supply with the FMD25: universal mounting brackets, which allow fitting at various angles either on the wall, ceiling or desk-top, pre-assembled power supply cable, connection for antenna and a detailed operator manual

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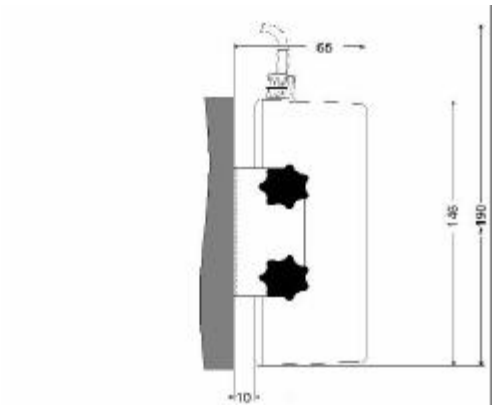
Technical Data

Frequencies:	NAVTEX 490 and 518 kHz and 8 channels between 100kHz and 11.8MHz, which can be manually selected
Reception Modes:	FSK and CW
Antenna Input:	50 Ohm asym. BNC socket
Decoding:	NAVTEX Sitor / 100 Baud (GMDSS-MSI) RTTY / 50 Baud Morse / 50-100 char.p.min
Interface:	NMEA 0183 / $GPRMC (for logbook function)
Voltage:	12 V nom. (10-16 V) DC
Consumption:	approx. 280 mA in standby approx. 600 mA printing
Connections:	BNC antenna socket 6-pol plug for power supply and NMEA input and audio output
Dimensions:	222 (W) x 146 (H) x 55 (D) mm
Weight:	approx. 1650 g
Ambience:	0 °C bis + 55 °C operating - 30 °C bis + 70 °C in storage
Humidity:	C 90% up to 45 °C
Specification:	EN 60945 GMDSS standard as applicable
Approvals:	CE conform
Ordering Information:	FMD25

wall assemby



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