

MFD REPEATER

The **MFD repeater** is designed to display navigation data in numerical and graphic formats on a LCD touch screen. An additional functionality of the MFD repeater is the ability to distribute NMEA data from connected source devices to up to four receiving channels.

The MFD repeater also allows to combine information from different sources and to send them as one data stream.



In the standard version, the MFD provides both numerical and graphic displays dedicated to the indications of the clock, GPS, gyrocompass, weather station, anemometer, log and echo sounder. At the customer's needs, it is possible to offer the presentation of other data, e.g. shaft rotation reading, steering column position and others. The MFD communicate with navigation devices over a NMEA0183 (RS-232/RS-422) or NMEA2000 - compatible with Canbus network and Ethernet (NMEA Over Ethernet).



Company website



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FEATURES

7" LCD TOUCH SCREEN

HIGH CONTRAST AND WIDE VIEWING ANGLE

ILLUMINATED BUTTONS

EASY HANDLING WITH GLOVES

MANUAL/AUTOMATIC/REMOTE ADJUSTMENT OF THE BACKLIGHT

REDUNDANT BOTH POWER SUPPLY AND DATA SOURCES

EASY SOFTWARE UPDATE (USB)

DATA STORAGE ON A MICROSD CARD

PRESENTATION OF THE SOURCE OF DISPLAYED DATA

WIDE POSSIBILITIES OF CONFIGURATION

CUSTOMIZE THE DISPLAY ON DEMAND

SHORT START-UP TIME (< 5 SEC.)

LOW POWER CONSUMPTION/WIDE RANGE OF SUPPLY VOLTAGES

EXTERNAL ALARM SIGNALING DEVICE (NO/NC)

CONVERSION FROM NMEA0183, NMEA2000 TO NMEA OVER ETH

LOSS OF AN INPUT SIGNAL / OUT-OF-DATE DATA INFORMATION

FLUSH MOUNT OR BULKHEAD

EASY ACCESS WITH USER'S FUNCTIONALITY

Displayed data	Units
Speed Over Ground	kn, km/h
Course Over Ground	°
Heading True/Magnetic	°
Rate Of Turn	°/min
Speed Through Water Longitudinal/Transverse	kn, km/h
Depth	m
Wind Relative/True Direction	°, rhumb
Wind Relative/True Speed	kn, m/s
Temperature	°C, °F
Humidity	%
Pressure	Pa, hPa, bar
Time	UTC
Latitude, Longitude	°

Characteristic	Value
Weight (without a bracket)	1,2 kg
Number of NMEA0183 inputs	4
Number of NMEA0183 outputs	4
NMEA over Ethernet	1
NMEA2000	1
Galvanic isolation of NMEA0183 inputs/outputs	1 kV
Primary power supply	19-75 VDC
Backup power supply	19-75 VDC
PoE	IEEE 802.3 at/af
Galvanic isolation of power supply	1,5 kV
Power consumption	7 W

	Dimensions	
	Gimbal mount version (with/without a bracket)	Panel mount version
Width	260/212 mm	220 mm
Height	132,5/123 mm	148 mm
Depth	57/36 mm	36 mm

Product website



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