Entel

Business
Critical
Communications

DX400M

Commercial Grade Marine portables

- ⊗ **Commercial grade construction**
- **DMR digital & Analogue mode**
- ⬤ **Submersible IP68**
- ◀Ͽ **Loudest in-class audio**

DMR
DIGITAL MOBILE RADIO ASSOCIATION

Digital | CRYSTAL
CLEAR
AUDIO
Migration
Simplified

Actual size

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CH 01
DIGITAL

SUBMERSIBLE

www.entel.co.uk/dx400m

DX400M

Commercial Grade Marine portables

Designed in the UK to specifically meet the needs of harsh marine environments the versatile DX400M offers outstanding performance in both DMR digital and analogue modes. This rugged handset delivers audio volume and clarity that's unmatched by portables twice its size and the high contrast OLED display is complemented by the intuitive controls designed with gloved hands in mind. Manufactured and tested to the very highest standards it's also fully submersible so you can be confident the DX400M will cope comfortably with life at sea.

IP68 Submersible

The DX400M offers the highest submersibility rating of any manufacturer. It can withstand total immersion in water to a depth of 2 metres for 4 hours which protects against corrosion and other likely hazards encountered in maritime operations.

Commercial Grade Construction

Exceeding MIL-STD 810C/D/E/F/G ratings, the DX400M is designed to withstand shock, vibration, dust and moisture, ensuring a tough enduring performance and many years of trouble free use, even in the most hostile environments.

Powerful audio

The DX400M delivers an impressive 2 watts of natural sounding digital audio, exceeding the output of radios twice it's size. In addition, all of the DX range of accessories benefit from Entel's proprietary "Smart Speech Tailoring" technology which automatically detects the type of accessory connected and optimizes the audio accordingly to deliver the very best performance.

Migrate to Digital Your Way

The DX400M operates in both analogue and digital modes so they can be introduced gradually and allow for a flexible migration to digital.

Non display model

Display model

Remote End User Programming ...even at Sea !

With Entel's unique and simple to use app there is no longer any need for a vessel to return a handset to their dealer for re-programming or software update.

Using Entel's easy to use free PC app, you can simply transfer programming data, software updates or add new features to your DX radios. Please ask your Entel dealer for a free, no obligation trial.

High Grade Accessory Interface

The rugged, multi-pin interface and Micro-USB socket are both submersible and gold-plated to minimise any risk of damage or corrosion.

All Entel's accessories utilize Entel's "Smart Speech Tailoring" technology and incorporate a robust locking plug and high-grade cable.

Key Features

- Commercial Grade design
- IP68 submersible
- Digital and analogue modes
- Superior battery life, 19 hours*
- Audio accessory optimisation

- Outstanding range & performance
- 2 watts audio, loudest in class
- High contrast white on black OLED
- Simple end user programming app
- Extensive range of accessories

*Based on 5-5-90 duty cycle (digital mode)

Technical Specification

Specification	
Analogue Channel Spacing	12.5KHz/25KHz
Digital Channel Spacing	12.5KHz
Vocoder	AMBE+2
Operating Voltage	7.6V
Battery	CNB450E 2000mAh Lithium-Ion
Overall Dimensions (HxWxD)	97mm x 59.5mm x 37mm (with CNB450E)
Frequency Stability	1.5ppm
Operating Temperature	-20 to +55°C
Dust and Liquid Intrusion	IP68 2 metres for 4 hours
Drop Test	MIL-STD 810 C/D/E/F/G
Vibration and Shock	MIL-STD 810 C/D/E/F/G
Approvals	EN 300 720 v2.1.1 EN 300 113 v2.2.1 EN 60945:2002 EN 301 489-5 v2.2.0 EN60950:2006, A1,A11,A12 & A2 EN 50566:2017, EN 62311:2008 & EN 62209 - 2:2010 DMR operation not currently approved for use in Europe

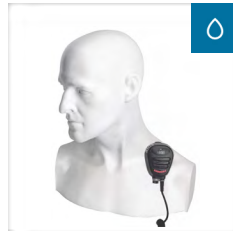| Model list	Channels	LCD	Frequencies
DX482M	16	No	UHF
DX485M	64	Yes	UHF

RF power output	
Hi Power	2 Watts UHF (ERP)
Low power	1 Watt

Accessories

Supplied package includes: Li-Ion battery pack, rapid charger, belt clip, high-efficiency antenna and quick-start user guide.
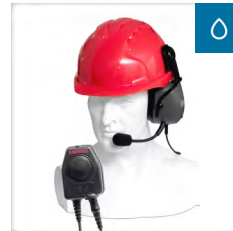

CSBHX
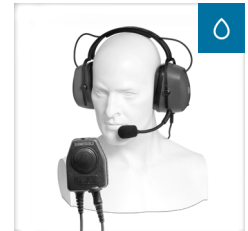Six-way charger
240v, 110v, 12v DC
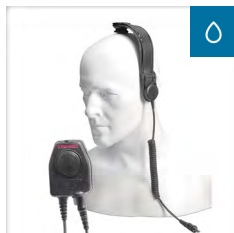

CMP/DX
Submersible heavy-duty speaker microphone

CLCDX2 - Non LCD
CLCDX5 - LCD
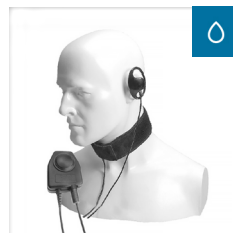Heavy duty leather carry case

CHP450HS/DX*
Hard hat ear defender, submersible PTT

CHP450D/DX*
Headband ear defender, submersible PTT

CXR5/DX*
Bone conductive skull mic with in-line submersible PTT

CXR16/DX*
Bone conductive throat mic, submersible PTT

Submersible products are represented with a water droplet.

For the complete range of accessories, please visit our website.
All specifications are subject to change without notice.
* Submersible - PTT only

Contact

For more information about our products, please contact us:

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