UHF Portable Radio 4.0W ENTEL UK

Intrinsically safe UHF portable radio designed for reliable communication in critical areas and safety-demanding environments. With analog and digital operation, rechargeable battery and IP68 protection, it offers mobility, ruggedness and dependable performance on board or in the field.



COD EUROSUL:	091074
IMPA:	370131
Part Number:	DX585M

Approvals:

Specifications

Overview

DX-IS series UHF portable radio, model DX585M-IS, designed for safe communication in analog and digital operation. It is a compact, rugged solution for teams that need mobility, autonomy and dependable performance in demanding environments.

Application and use

Suitable for operational communication in critical areas, including onboard routines, maintenance, logistics support and field operations. Its intrinsically safe design and IP68 protection support use in locations exposed to dust, water and frequent handling.

Construction characteristics

Product type	Portable
Sub-item	With battery

Model	DX585M-IS
Battery type	Rechargeable Li-ion
Includes charger	Yes
Includes antenna	Yes

Technical specifications

UHF frequency range (MHz)	400-470
TX frequency range (MHz)	400.025-469.975
Channel spacing (kHz)	12.5 and 25
Output power (W)	4.0
Battery voltage (V)	7.6
Battery capacity (mAh)	2200
Dimensions (mm)	97 x 59.5 x 37
Approx. weight (g)	289

Performance

Analog battery life	18 h
Digital battery life	22 h
Protection rating	IP68
Maximum submersion	2 m for 4 h
Operating temperature	-20 to +55 °C
Storage temperature	-40 to +85 °C

Compliance and certification

ANATEL	Homologation 06368-25-03171
ATEX/IECEx	UL 913 5th Ed; Class I, II, III Div 1; T3

EN/ISO/IEC	EN 60945; EN 62368-1; EN 300 113

Marking and traceability

SKU	091074
IMPA	370131
Compatibility	CNB450E-IS

Handling, service life and disposal

Keep the battery charged, store the unit in a dry place and observe the stated temperature limits. To preserve performance and safety, use compatible accessories and dispose of the battery according to local regulations.