

Entel



HT SERIES LAND

BUSINESS CRITICAL COMMUNICATIONS

PMR-446 License Free



ATEX II 2G Ex ib IIA T4 Gb
ATEX II 2G Ex ib IIC T4 Gb



Ex ib IIA T4 Gb

Tough | IP68 RATING
Submersible
Dependable



www.globalbeamtelecom.com

Technical Specification

General Specification

Frequency range VHF Low-Band	66 to 88MHz
Frequency range VHF High-Band	136 to 174MHz
Frequency range UHF	400 to 470MHz
Frequency range UHF UP Band	450 to 520MHz
Channel Spacing	VHF – 25KHz / 12.5KHz UHF – 25KHz / 12.5KHz
Operating Voltage	7.4V
Battery	Li-Ion 2000mAh (1800mAh ATEX & IECEX)
Weight (with battery)	277g
Dimensions*	130mm (h) x 59.5mm (w) x 37mm(d)
Frequency Stability	2.5ppm
Operating Temperature	-20 to + 55°C
Dust and Liquid Intrusion	IP68 submersible 2 metres for 4 hours
Drop, Packing, Vibration & Shock	MIL-STD 810C/D/E/F

* Dimensions are based upon a radio with an attached battery, excluding knobs, antenna and protrusions.

For a full & detailed specification, please visit our website

Transmitter

Power Output VHF (HI/LOW)	5W / 1W
Power Output UHF (HI/LOW)	4W / 1W
Power Output ATEX IIC	1W
Power Output ATEX IIA (HI/LOW)	4W / 1W
Power Output IECEX (HI/LOW)	4W / 1W
Modulation Type	8K0G3E / 16K0G3E (12.5 / 25KHz)

Receiver

Sensitivity	Better than -118dBm 12dB Sinad
Rated Audio Output	1W
Intermodulation	-42dBm
Adjacent Channel Selectivity	60 / 70 (12.5 / 25KHz)
Spurious Response Rejection	-37dBm
Spurious Radiations	2.0nW/20nW <1GHz/>1GHz

Accessories

Supplied package includes:
2000mAh Li-Ion battery pack, charger, spring loaded belt clip, high efficiency antenna & quick start user guide
(ATEX models are supplied with an 1800mAh 7.4v Li-Ion Battery)

HT649 GMDSS can be supplied in different package combinations, please consult your dealer.

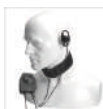


CSBHT ■
Six-way charger

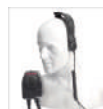
CMP750 ■
CMP950 ▲
Heavy duty speaker mic
submersible

EA12/750 ■
EA12/950 ▲
Earpiece microphone

EA15/750 ■
EA15/950 ▲
Covert earpiece /
microphone



CXR16/750 ■
CXR16/950 ▲
Throat mic. Bone
conductive



CXR5/750 ■
CXR5/950 ▲
Skull mic. Bone
conductive



CXE19/750 ■
Bone conductive both
transmit & receive



CHP750HS ■
CHP950HS ▲
Hard hat eardefender,
submersible PTT

ENTEL HT SERIES Land Commercial Grade Portable Radios

Rugged, designed for gloved hand use and with exceptionally loud audio, Entel's HT commercial grade portable radios are specifically designed to withstand the everyday rigours of the outdoor workplace.

Why Entel HT portables?

Superior voice quality and high audio output
IP68 (2 metres for 4 hours) submersible
MIL-STD 810C/D/E/F standard robust construction
High capacity (2000 mAh) Li-Ion batteries as standard
Established & proven portables based on over 20-Years' experience

○ Submersible products are represented with a water droplet. ■ Not intrinsically safe. ▲ ATEX

All specifications are subject to change without notice. For the complete range of accessories please visit our website.

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