Business
Critical
Communications

Entel

HT Series

Commercial Grade Land Portables

- Commercial grade construction
- Submersible IP68
- PMR446 and Licensed models



Tough | IP68 RATING
Submersible
Dependable

www.entel.co.uk/ht-land

HT Series

Commercial Grade Land Portables

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.

With over 30-Years' experience exceeding the demands of our customers, Entel offers the most complete and established range of commercial grade portable radios available.

Why Entel HT portables?

- Superior voice quality and high audio output
- IP68 (2 metres for 4 hours) submersible
- MIL-STD 810/C/D/E/F/G standard robust construction
- High capacity (2200mAh) Li-ion batteries as standard
- Established & proven portables based on over 30-Years' experience

Superior Audio

Using the latest compander noise reduction technology Entel's HT portables deliver loud & crisp audio no matter what environment you are in.

Intelligent Li-ion Battery

Entel's Lithium-ion Batteries provide the following key advantages:

Extended Talk Time – The 2200mAh capacity of Entel's Lithium-ion batteries is up-to double that of other makes, therefore ensuring maximum talk-time.

Li-ion Chemistry – Entel's Li-ion batteries are not prone to the dreaded memory effect that Ni-Cad and Ni-MH battery packs suffer from. This ensures you always have a good charge every time you take the battery from its charger.

2 Metres, 4 Hours Submersible

Conforming to IP68 standard, the HT Series 2.0 offers the highest submersibility rating of any manufacturer, withstanding total immersion in water to a depth of 2 metres for 4 hours to protect against the likely hazards encountered in any field of operation.

Commercial Grade Construction

Exceeding MIL-STD 810C/D/E/F/G rating, the HT Series 2.0 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.

Easy to operate

The HT Series radios are intuitive to operate with simple Push-To-Talk operation.

The display models provide useful additional feedback via their LCD display.

Fixed Price Repair Service

Entel offers a simple Fixed Price Repair (FPR) service where the cost to repair your Entel product is fixed regardless of the fault.

We typically dispatch our repairs within 3 working days of receipt, most often same day. All FPR repairs carry a 90-day warranty and FPR upgrades 2-years. Should the unit be returned to Entel within this time it will be repaired under warranty (terms and conditions apply).

Some units maybe Beyond Economical Repair (BER) e.g., if the radio has been crushed. In this case Entel offer new BER replacement units at a discounted rate.



Model Selection

Model Variants		Entry	LCD
VHF	136-174MHz	HT722	HT723
UHF	400-470MHz	HT782	HT783
UHF	PMR446	HT446E	HT446L

Technical Specification

General	
Frequency Range	VHF 136-174MHz UHF 400-470MHz PMR446
Channel Spacing	12.5KHz & 25Khz
Operating Voltage	7.6v
Battery	CNB750E 2200mAh Lithium-ion
Weight	Display model 277g Non display model 267g
Overall Dimensions (HxWxD)	130mm x 59.5mm x 37mm
Channel display version Channel non display version	255 16
Transmitter	
Power Output VHF (HI/LOW)	5W/1W
Power Output UHF (HI/LOW)	4W/1W
Power Output PMR446	0.5W
Audio Distortion	<5%
Unwanted Emission	>0.25uW
Adjacent Channel Power	70dBc / 60dBc

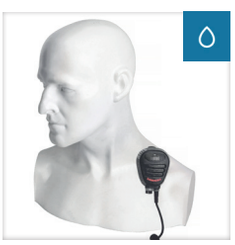
Receiver	
Analogue Sensitivity	-116dBm (0.2uV) for 12dB Sinad
Rated Audio Output	0.5W
Intermodulation Response	>68dB
Adjancent Channel Sensitivity	>70dB / >60dB
Surprious Rejection	>70dB
Audio Response	300Hz to 3KHz -6dB/Octave
Audio Distortion	<5%
Conducted Spurious Emissions	<2nW from 30MHz to 2GHz
Environmental	
Operating Temperature	-20°C to +55°C
Storage Temperature	-40°C to +85°C
Thermal Shock	Compliant MIL-STD810 C/D/E/F/G
Humidity	
Shock & Vibration	
Packing Test	
Drop Test	
Water Ingress	IP68 2 metres, 4 hours submersible

Accessories

Supplied package includes:
2200mAh Li-ion battery pack, drop in charger, spring loaded belt clip, high efficiency antenna & quick start user guide



CSBHT
Six-way charger



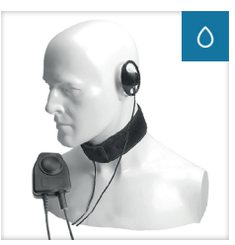
CMP750
Heavy duty speaker mic submersible



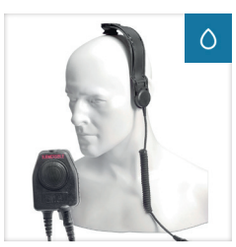
EA12/750
Earpiece microphone



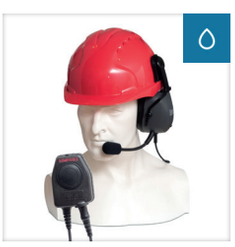
EA15/750
Covert earpiece / microphone



CXR16/750*
Throat mic. Bone conductive



CXR5/750*
Skull mic. Bone conductive



CHP750HS*
Hard hat eardefender, 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

Full list of accessories available online.

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Contact

Designed in the United Kingdom

For more information about our products, please contact us:
Entel UK, 320 Centennial Avenue Centennial Park, Elstree, Borehamwood, Hertfordshire WD6 3TJ, United Kingdom

+44 (0)20 8236 0032 **info@entel.co.uk** **entel.co.uk**

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