LAND

Entel

ATEX ⟨Ɛx⟩

Intrinsically Safe
E Ex i b II C T4

USTC

Intrinsically Safe Class I, II,
II, Div I Groups A to G, T4

Submersible

Intelligent

Tough

HT Series 2.0

HT series features

Heavy duty locking accessory connector

Pictured: Radio with optional stubby antenna and CSAHT rapid charger

HT Series 2.0 – a model for every application. From entry level to sophisticated MPT1327 trunked variants, the HT Series 2.0 is built without compromise to deliver loud and crisp audio using the latest compander noise reduction technology.

Submersible – conforming to European IP68, the HT Series 2.0 offers the highest submersibility rating of any manufacturer. This unique series protects against corrosion, withstanding total immersion in water to a depth of 5 metres for 1 hour to protect against the likely hazards encountered in any field of operation.

Commercial Grade Construction – exceeding MIL STD 810C/D/E/F rating for tough enduring performance the HT Series 2.0 is designed to withstand shock, vibration, dust and moisture, ensuring many years of trouble free use in the most hostile environments.

Simple Or Sophisticated – you choose. Need simple speech communications? Then our entry level PMR radios will meet all your needs. Entel's mid level radios give you all the facilities you might expect from our competitors' products, while our top of the range radio is arguably the most versatile radio you can buy.

Intelligent Lithium-Ion Battery With Built In Charge Cycle Monitoring – this very latest technology gives you four essential advantages:

1) For your convenience the HT Series 2.0 will count charge cycles of your battery pack, warning you when it is nearing the end of its life. Models equipped with an LCD will also display the battery charge count.
2) Extended duty cycle.
3) Not prone to the dreaded memory effect that Nicad and Ni-MH battery packs suffer from, therefore no need to fully discharge your battery pack before charging.
4) Stores a charge up to three times longer than a Nicad battery.

ATEX Approved – the HT Series 2.0 incorporates the HT900 range of ATEX certified portables that meet IIC, T4 – the most stringent ATEX rating as per EU directive 94/9/EC. For full details refer to the ATEX DATA SHEET available here: www.entel.co.uk/atex

USTC Approved – for outside EU and EFTA countries the HT Series 2.0 also offers a complete range of USTC certified portables. For full details refer to the USTC DATA SHEET available here: www.entel.co.uk/ustc

Model Selection:

	Entry	Entry Selcall	Entry LCD	Advanced Signalling	Advanced Signalling Keypad
General Use Land Radio					
Land VHF (30 - 50MHz)	HT702	HT702S	HT703	HT705	HT706
Land VHF (66 - 88MHz)	HT712	HT712S	HT713	HT715	HT716
Land VHF (136 - 174MHz)	HT722	HT722S	HT723	HT725	HT726
Land UHF (400 - 470MHz) [450 - 520MHz]	HT782 [HT782-U]	HT782S [HT782S-U]	HT783 [HT783-U]	HT785 [HT785-U]	HT786 [HT786-U]
MPT1327	See MPT1327 Trunked Brochure				
Marine	See Marine Brochure				
Land PMR446	See PMR446 Brochure				
USTC Intrinsically Safe					
Land VHF (30 - 50MHz)	HT802	HT802S	HT803	HT805	HT806
Land VHF (66 - 88MHz)	HT812	HT812S	HT813	HT815	HT816
Land VHF (136 - 174MHz)	HT822	HT822S	HT823	HT825	HT826
Land UHF (400 - 470MHz) [450 - 520MHz]	HT882 [HT882-U]	HT882S [HT882S-U]	HT883 [HT883-U]	HT885 [HT885-U]	HT886 [HT886-U]
MPT1327	See MPT1327 Trunked Brochure				
Marine	See Marine Brochure				
ATEX Intrinsically Safe					
Land VHF (30 - 50MHz)	HT902	HT902S	HT903	HT905	HT906
Land VHF (66 - 88MHz)	HT912	HT912S	HT913	HT915	HT916
Land VHF (136 - 174MHz)	HT922	HT922S	HT923	HT925	HT926
Land UHF (400 - 470MHz) [450 - 520MHz]	HT982 [HT982-U]	HT982S [HT982S-U]	HT983 [HT983-U]	HT985 [HT985-U]	HT986 [HT986-U]
MPT1327	See MPT1327 Trunked Brochure				
Marine	See Marine Brochure				
Land PMR446	See PMR446 Brochure				

	Entry	Entry Selcall	Entry LCD	Advanced Signalling	Advanced Signalling Keypad
General Features					
Environmental protection to IP68 (submersible - 5m for 1 hour)	✔	✔	✔	✔	✔
MIL STD 810C/D/E/F	✔	✔	✔	✔	✔
1800mAh Li-Ion battery	✔	✔	✔	✔	✔
Flash upgradeable to add future features	✔	✔	✔	✔	✔
Robust accessory socket	✔	✔	✔	✔	✔
Programmable accessory connector	✘	✔	✘	✔	✔
Number of channels	16	16	255	255	255
LCD display	✘	✘	✔	✔	✔
Scrolling graphics	✘	✘	✘	✔	✔
Channel naming	✘	✘	✔	✔	✔
Multi-function encoder control	✘	✘	✔	✔	✔
Scan/priority scan	✔	✔	✔	✔	✔
Voice annunciation (option)	✔	✔	✔	✔	✔
Bluetooth wireless comms (option)	✔	✔	✔	✔	✔
Clone data from one radio to another	✔	✘	✔	✘	✘
For - Convenience					
VOX hands free	✔	✔	✔	✔	✔
Programmable channel monitor button	✔	✔	✔	✔	✔
2/5 tone selective calling & FFSK	✘	✔	✘	✔	✔
Open or Closed channel modes	✘	✔	✘	✔	✔
Call all radios at once	✔	✔	✔	✔	✔
Call a group or individual radios	✘	✔	✘	✔	✔
16 pre-programmed contacts	✘	✔	✘	✘	✘
255 user contact list (just like a mobile phone)	✘	✘	✘	✔	✔
Multiple ringtones	✘	✔	✘	✔	✔
Battery charge count (requires LCD to display)	✔	✔	✔	✔	✔
Battery level indicator	✘	✘	✔	✔	✔
Low battery warning	✔	✔	✔	✔	✔
Receive signal strength indicator	✘	✘	✔	✔	✔
Invert display	✘	✘	✘	✔	✔
Talkaround	✔	✔	✔	✔	✔
Intuitive menus (like a mobile phone)	✘	✘	✘	✔	✔
Info button (user guide built in to radio)	✘	✘	✘	✔	✔
Speed dial	✘	✘	✘	✔	✔
Who's calling (caller ID)	✘	✘	✘	✔	✔
Missed, received & dialled numbers lists	✘	✘	✘	✔	✔
Selectable "profiles" General, Silent & DND (with auto respond)	✘	✘	✘	✔	✔
DTMF dial mode	none	stored	none	stored	stored/keypad
For - Security					
Stun & alarm a lost or stolen radio (& revive if found)	✘	✔	✘	✔	✔
Programmable scrambler	option	✔	option	✔	✔
Power on password option	✘	✘	✘	✔	✔
For - Safety					
Local Personal Attack Alarm	✔	✔	✔	✔	✔
Panic button with remote alert	✘	✔	✘	✔	✔
Emergency microphone live	✘	✔	✘	✔	✔
Lone Worker alarm mode	✘	✔	✘	✔	✔
Man Down basic (option)	✘	✔	✘	✔	✔
Man Down 3 axis/accelerometer (option)	✘	✔	✘	✔	✔
Shunting mode (for rail companies)	✘	✔	✘	✔	✔
Silent alarm call mode	✘	✔	✘	✔	✔
Continue alarm even if switched off	✘	✔	✘	✔	✔
Manual location information with emergency	✘	✘	✘	✔	✔
Bluetooth fully automatic indoor location (option)	none	send	none	send/display	send/display
GPS location information with emergency (option)	none	send	none	send/display	send/display
GPS "navigate to" casualty (option)	✘	✘	✘	✔	✔
For - Text Messaging And Emails					
Status messages	none	send	none	send/display	send/display
Predefined text messages	none	none	none	send/display	send/display
Free format text/email text messages	none	none	none	display	send/display

'the professional's choice'
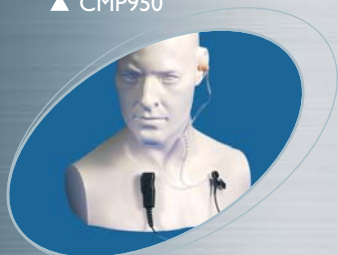

■ CSAHT*

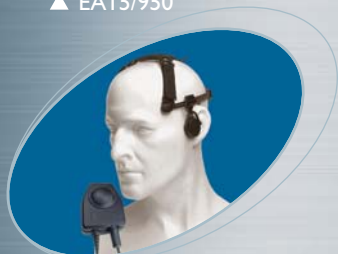■ CSBHT*

■ CMP750
● CMP850
▲ CMP950

■ EA19/750
● EA19/850
▲ EA19/950

■ EA15/750
● EA15/850
▲ EA15/950

■ EA12/750
● EA12/850
▲ EA12/950

■ CXR5/750
● CXR5/850
▲ CXR5/950

■ CXR16/750
● CXR16/850
▲ CXR16/950

■ CHP750D
● CHP850D
▲ CHP950D

■ CHP750HS
● CHP850HS
▲ CHP950HS

*Used to charge ATEX/USTC models in a non hazardous-environment

■ **Not intrinsically Safe**

● Ⓤ USTC

▲ **ATEX** ⟨Ɛx⟩

For the latest and complete range of accessories visit **www.entel.co.uk**

technical specifications

General Features

RF power output	VHF - 5 Watts (high) / 1 Watt (low)
	UHF - 4 Watts (high) / 1 Watt (low)
RF power output USTC	4 Watts (high) / 1 Watt (low)
RF power output ATEX	IIA 4 Watts
	IIB 3.5 Watts
	IIC 1 Watt
Frequency range VHF Low	30 to 50MHz
Frequency range VHF Mid	66 to 88MHz
Frequency range VHF High	136 to 174MHz
Frequency range UHF	400 to 470MHz
Frequency range UHF u/band	450 to 520MHz
Channels	See general features
Environmental protection	IP68 submersible 5m for 1 hour
Military Standard	MIL STD 810C/D/E/F
Dimensions*	130mm(h) x 59.5mm(w) x 37mm(d)
Weight	277g (with battery and antenna)
Audio output	660mW - distortion: < 3% @ 500mW

*Dimensions are based on radio with attached battery, excluding knobs, antenna and protrusions.

Supplied Accessories

7.4v, 1800mAh Li-Ion battery

CSAHT rapid charger is included with HTXX2 and HTXX2S

Spring loaded belt clip

High efficiency antenna

User manual

For a full and detailed specification see our web site www.entel.co.uk

Your local professional dealer