

LAND

Entel

Compact
Intelligent
Tough



HX Series 2.0

HX series features

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

Commercial Grade Construction – exceeding MIL STD 810/C/D/E/F rating for tough enduring performance, the HX Series 2.0, with its up-rated IP55 splash proof construction, is designed to withstand the every day rigours of 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 HX 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.

Intuitive Menus – the high tier versions of the HX Series 2.0 radios offer extensive features which provide added user benefit, but without added operational complexity. Entel believes that even with advanced features a portable transceiver should be easy to use, so our new high tier range employs the kind of intuitive user interface that will be familiar to anyone who has used a mobile phone.

Safety Features – all but the PMR446 models in the HX Series 2.0 have additional safety options accessed either by programming (panic button with remote alert and Lone Worker), or by an additional options board (Man Down). Radios can also be programmed to respond to emergency situations in a variety of ways – by issuing a silent alarm, opening a “live” microphone, or continuing the alarm even if the radio is switched off.

Whisper Mode – when discreet communications are necessary, in covert or emergency situations, the HX series “whisper mode” will ensure that quiet speech can still be heard clearly by other radio users. Note: not available on entry & PMR446 models.

Bluetooth (option) – for convenience, wireless transmit is available on all models, allowing for connection of Entel's Bluetooth audio accessory range, as well as data transmission devices.

Location Information (option) – whether for convenience or security, all 2.0 Selcall versions offer Bluetooth indoor beacon positioning and outdoor GPS positioning options, for pinpointing the exact location of a user or navigating emergency assistance to the site of a disturbance or casualty.



Heavy duty locking accessory connector

Pictured: Radio with optional stubby antenna and dual slot CSAHX rapid charger

Model Selection:



Entry

Entry Selcall

Entry LCD

Advanced Signalling

Advanced Signalling Keypad

Land VHF (30 - 50MHz)	HX402	HX402S	HX403	HX405	HX406
Land VHF (66 - 88MHz)	HX412	HX412S	HX413	HX415	HX416
Land VHF (136 - 174MHz)	HX422	HX422S	HX423	HX425	HX426
Land UHF (400 - 470MHz)	HX482	HX482S	HX483	HX485	HX486
Land UHF (450 - 520MHz)	HX482-U	HX482S-U	HX483-U	HX485-U	HX486-U
PMR446	See PMR446 Brochure				
MPT1327	See MPT1327 Trunked Brochure				



Entry



Entry Selcall



Entry LCD



Advanced Signalling



Advanced Signalling Keypad

General Features

Environmental protection to IP55	✓	✓	✓	✓	✓
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 announcement (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	✗	✓	✗	✓	✓
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)	✗	✓	✗	✓	✓
Whisper mode	✗	✓	✗	✓	✓
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'



CSAHX



CSBHX



CMP450



EA19/450



EA15/450



EA12/450



CXR5/450
skull mic



CXR16/450



CHP450D



CHP450HS

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)
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 list
Environmental rating	IP55
Military Standard	MIL STD 810C/D/E/F
Dimensions*	100mm(h) x 62.5mm(w) x 39.5mm(d)
Weight	233g (with battery and antenna)
Audio output	700mW - distortion: < 3% @ 500mW

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

Supplied Accessories

7.4v, 1800mAh Li-Ion battery

CSAHX rapid charger is included with HX4X2, HX4X2S and HX4X3

Spring loaded belt clip

High efficiency antenna

User guide CD

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

Your local professional dealer



PMR446

Entel

Tough
Compact
Dependable



HX Series 2.0

'the professional's choice'



CSAHX



CSBHX



CMP450



EA19/450



EA15/450



EA12/450



CHP450D



CHP450HS

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supplied accessories

- CNB450E 7.4v 1800mAh Li-Ion battery
- CSAHX Rapid charger
- Spring loaded belt clip
- Fixed high efficiency antenna or fixed stubby antenna
- User guide CD

technical specifications

RF power output	0.5 Watts
Frequency range	446.00625 to 446.09375MHz
Channels	16 (HX446E) / 255 (HX446L)
Environmental rating	IP55
Military Standard	MIL STD 810C/D/E/F
Dimensions*	100mm(h) x 62.5mm(w) x 39.5mm(d)
Weight	233g (with battery and antenna)
Audio output	700mW - distortion: < 3% @ 500mW

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

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The HX446 is designed for those users who demand the ultimate performance for their business communications.

Manufactured to a superior Mil-Std 810C/D/E/F and IP55 rating this robust and ultra compact portable is built to withstand the everyday rigours of tough commercial use, delivering louder audio than competitors' radios twice its size.

For your convenience the HX 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.

- Available as HX446L LCD and non LCD model HX446E
- All PMR446 channels, CTCSS and DCS tones
- IP55
- Mil-Std 810C/D/E/F
- Long life Lithium-Ion battery technology
- Unique battery charge count feature
- Robust locking accessory socket
- Local personal attack alarm
- Standard and priority scan facility
- Built-in VOX – 10 levels
- Transmit time-out timer
- Key lock
- Low battery warning
- Voice annunciation (option)
- Voice inversion scrambler (option)
- Bluetooth (option)
- Receive signal strength indicator on LCD variants



LAND

Entel

ATEX 

Intrinsically Safe
EEx i b II C T4



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

Submersible
Intelligent
Tough



HT Series 2.0

HT series features



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.

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- 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:



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 Intrinsicly 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				
	Land PMR446	See PMR446 Brochure				
ATEX Intrinsicly 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)	✗	✓	✗	✓	✓
Whisper mode	✗	✓	✗	✓	✓
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

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, HTXX2S and HTXX3

Spring loaded belt clip

High efficiency antenna

User guide CD

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

Your local professional dealer



LAND

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ATEX 

Intrinsically Safe
EEx i b II C T4



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

Submersible
Intelligent
Tough



HT Series 2.0

HT series features



Pictured: Radio with optional stubby antenna and CSAHT rapid charger

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Model Selection:



General Use Land Radio	Land VHF (30 - 50MHz)	HT702	HT702S	HT703	HT705	HT706
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	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 Intrinsicly Safe	Land VHF (30 - 50MHz)	HT802	HT802S	HT803	HT805	HT806
	Land VHF (66 - 88MHz)	HT812	HT812S	HT813	HT815	HT816
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	MPT1327	See MPT1327 Trunked Brochure				
	Marine	See Marine Brochure				
	Land PMR446	See PMR446 Brochure				
ATEX Intrinsicly Safe	Land VHF (30 - 50MHz)	HT902	HT902S	HT903	HT905	HT906
	Land VHF (66 - 88MHz)	HT912	HT912S	HT913	HT915	HT916
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	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)	✗	✓	✗	✓	✓
Whisper mode	✗	✓	✗	✓	✓
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

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, HTXX2S and HTXX3

Spring loaded belt clip

High efficiency antenna

User guide CD

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

Your local professional dealer

