

MPT 1327

Entel

ATEX



II 2 G Ex ib IIA T4
II 2 G Ex ib IICT4



Ex ib IIA T4
Ex ib IICT4

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.

Simple Or Sophisticated - you choose.

Need simple speech communications? Then our entry level 3-Key radio will meet all your needs.

The advanced 8-Key & 20-Key radios are arguably the most versatile MPT1327 radios 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.

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.

ATEX & IECEx Approved IIC – the HT900 range of ATEX & IECEx certified portables meet IIC T4 – the most stringent ATEX & IECEx rating. For full details refer to the ATEX DATA SHEET available here: www.entel.co.uk/utex

ATEX Approved IIA – the HT800 range for those requiring the maximum RF power output (up to 5 watts), or indeed, a more price conscious model, we offer the HT800 Series portables with an ATEX IIA certification.

IECEx Approval IIA – The HT500 range of intrinsically safe certified portables is suitable for those users who do not need to comply with the European ATEX standard.

Model Selection:



IECEX IIA Intrinsically Safe	MPT1327 VHF (66 - 88MHz)	HT512T	HT515T	HT516T
	MPT1327 VHF (136 - 174MHz)	HT522T	HT525T	HT526T
	MPT1327 VHF (177 - 208MHz)	HT532T	HT535T	HT536T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT582T [HT582TU]	HT585T [HT585TU]	HT586T [HT586TU]
	Land	See Land Brochure		
Marine	See Marine Brochure			
ATEX IIA Intrinsically Safe	MPT1327 VHF (66 - 88MHz)	HT812T	HT815T	HT816T
	MPT1327 VHF (136 - 174MHz)	HT822T	HT825T	HT826T
	MPT1327 VHF (177 - 208MHz)	HT832T	HT835T	HT836T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT882T [HT882TU]	HT885T [HT885TU]	HT886T [HT886TU]
	Land	See Land Brochure		
Marine	See Marine Brochure			
IECEX ATEX IIC Intrinsically Safe	MPT1327 VHF (66 - 88MHz)	HT912T	HT915T	HT916T
	MPT1327 VHF (136 - 174MHz)	HT922T	HT925T	HT926T
	MPT1327 VHF (177 - 208MHz)	HT932T	HT935T	HT936T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT982T [HT982TU]	HT985T [HT985TU]	HT986T [HT986TU]
	Land	See Land Brochure		
PMR446	See PMR446 Brochure			
Marine	See Marine Brochure			



Entry



LCD



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	1023	1023	1023
Scrolling graphic LCD display	✗	✓	✓
Channel naming (in conventional mode)	✗	✓	✓
Multi-function encoder control	✗	✓	✓
Voice annunciation (option)	✓	✓	✓
Bluetooth wireless comms (option)	✓	✓	✓

For - Convenience

VOX hands free	✓	✓	✓
Call a group, individual or all radios at once	✓	✓	✓
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	✗	✓	✓
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	none	keypad

For - Security

Stun & alarm a lost or stolen radio (& revive if found)	✓	✓	✓
Programmable scrambler	✓	✓	✓
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)	✓	✓	✓
Whisper mode	✓	✓	✓
Silent alarm call mode	✓	✓	✓
Continue alarm even if switched off	✓	✓	✓
Manual location information with emergency	✗	✓	✓
Bluetooth fully automatic indoor location (option)	✓	✓	✓

For - Text Messaging And Emails

Status messages	send	send/display	send/display
Predefined text messages	none	send/display	send/display
Free format text/email text messages	none	display	send/display

'the professional's choice'



CSAHT



CSBHT



■ CMP550
▲ CMP950



■ EA19/550
▲ EA19/950



■ EA15/550
▲ EA15/950



■ EA12/550
▲ EA12/950



■ CXR5/550
▲ CXR5/950



■ CXR16/550
▲ CXR16/950



■ CHP550D
▲ CHP950D



■ CHP550HS
▲ CHP950HS

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



technical specifications

General Features

RF power output ATEX / IECEX IIA	- 4 Watts (UHF) / 4 Watts (VHF)
	IIC - 1 Watt
Frequency range VHF Mid	66 to 88MHz
Frequency range VHF High	136 to 174MHz
Frequency range VHF Band III	177 to 208MHz
Frequency range UHF	400 to 470MHz
Frequency range UHF u/band	450 to 520MHz
Channels	1023
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	660mWV - distortion: < 3% @ 500mW

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

Supplied Accessories

7.4v, 2000mAh Li-Ion battery (CNB750E)

7.4v, 1800mAh Li-Ion battery (CNB950E)

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

