

MPT 1327

Entel

ATEX 

Intrinsically Safe
EEx 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



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 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

LCD

Keypad

	Entry	LCD	Keypad
General Use MPT1327 Radio	MPT1327 VHF (66 - 88MHz)	HT712T	HT715T
	MPT1327 VHF (136 - 174MHz)	HT722T	HT725T
	MPT1327 VHF (177 - 208MHz)	HT732T	HT735T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT782T [HT782T-U]	HT785T [HT785T-U]
	Land	See Land Brochure	
	PMR446	See PMR446 Brochure	
Marine	See Marine Brochure		
USTC Intrinsically Safe	MPT1327 VHF (66 - 88MHz)	HT812T	HT815T
	MPT1327 VHF (136 - 174MHz)	HT822T	HT825T
	MPT1327 VHF (177 - 208MHz)	HT832T	HT835T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT882T [HT882T-U]	HT885T [HT885T-U]
	Land	See Land Brochure	
	PMR446	See PMR446 Brochure	
Marine	See Marine Brochure		
ATEX  Intrinsically Safe	MPT1327 VHF (66 - 88MHz)	HT912T	HT915T
	MPT1327 VHF (136 - 174MHz)	HT922T	HT925T
	MPT1327 VHF (177 - 208MHz)	HT932T	HT935T
	MPT1327 UHF (400 - 470MHz) [450 - 520MHz]	HT982T [HT982T-U]	HT985T [HT985T-U]
	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)	✓	✓	✓
Man Down 3 axis/accelerometer (option)	✓	✓	✓
Whisper mode	✓	✓	✓
Silent alarm call mode	✓	✓	✓
Continue alarm even if switched off	✓	✓	✓
Manual location information with emergency	✗	✓	✓
Bluetooth fully automatic indoor location (option)	✓	✓	✓
GPS location information with emergency (option)	✓	✓	✓
GPS "navigate to" casualty (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



■ 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

■ Not intrinsically Safe

● USTC

▲ ATEX Ex

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 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	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
- Spring loaded belt clip
- High efficiency antenna
- User guide CD

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

