



HT Marine Series 2.0 - Superseding the multi award-winning HT series 1.0 is a challenging task considering its success with fire brigades, petrochem, shipping and major blue chip organisations worldwide. Series 2.0 builds upon this success with a wider range of models to suit every application from simple to advanced. Built to last, the HT Series 2.0 is designed to endure the everyday rigours of life at sea.

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.

**Superior Audio Quality** - The HT Series 2.0 delivers loud, crisp audio using the latest compander noise reduction technology no matter what environment you are in

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

- 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.

- 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 submergibility 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.

ATEX Approved IIC - The HT900 range of ATEX certified portables meet IIC T4 - the most stringent ATEX ratings as per EU directive 94/9/EC. For full details refer to the ATEX DATA SHEET available here: www.entel.co.uk/atex

**ATEX Approval IIA** - The HT800 range of ATEX certified portables meet IIA T4 with 4 watts RF power, for those users not resticted to the IIC I watt regulatory classification.

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

Pictured: Radio with optional CSAHT trickle charger

MED approved

Heavy duty locking

A/B MEM

SUBMERSIBLE

accessory connector



Not trinsically Safe 
 Marine VHF (156-163.275MHz)
 HT642
 HT644
 HT644 ATIS
 HT649 ♠

 Marine UHF (400 - 470MHz)
 HT782
 HT783

 Land
 See Land Brochure

 PMR446
 See PMR446 Brochure

 MPTI327
 See MPTI327 Brochure



 Marine VHF (156-163.275MHz)
 HT542
 HT544

 Marine UHF (400 - 470MHz)
 HT582
 HT583

 Land
 See Land Brochure

 MPT1327
 See MPT1327 Brochure



 Marine VHF (156-163.275MHz)
 HT942
 HT944
 HT944 ATIS

 Marine UHF (400 - 470MHz)
 HT982
 HT983

 Land
 See Land Brochure

 PMR446
 See PMR446 Brochure

 MPT1327
 See MPT1327 Brochure



 Marine VHF (156-163.275MHz)
 HT842
 HT844
 HT844 ATIS

 Marine UHF (400 - 470MHz)
 HT882
 HT883

 Land
 See Land Brochure

 MPT1327
 See MPT1327 Brochure



 $<sup>{}^{**}</sup>$ A full-featured version of the LCD VHF is available as a special order.

### Example of classification, based on IIC, I Watt:

- Ex Explosion proof equipment
- i Intrinsically Safe the energy levels in the circuits cannot cause accidental detonation
- II For use in areas where there is some risk of detonation
- C The most hazardous gas grouping, including hydrogen and acetylene
- T4 Based on the surface temperature not exceeding 135°C.

## **Area classification**

- **Zone I** covers areas where the environment is occasionally hazardous
- Zone 2 covers areas where the environment is only rarely hazardous, and then only for brief periods.



Pictured: UHF ATEX variant with stubby antenna

# 'the professional's choice'



**CSAHT** 





■ CMP750 ▲ CMP950



EA 19/750 EA 19/950



■ EA15/750 ▲ EA15/950



EA12/750 EA12/950



■ CXR5/750▲ CXR5/950



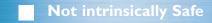
CXR16/950



■ CHP750D▲ CHP950D



■ CHP750HS ▲ CHP950HS









# Technical Specifications

# **General Specifications**

RF power output	VHF	5W (high) / IW (low)
	UHF	4W (high) / I W (low)
	GMDSS	IW
RF power output ATEX	IIA	4W (UHF) / 4W (VHF)
	IIC	IW
	GMDSS (IIC)	IW
RF power output IECEx	4W (high) / I W (low)	
Frequency range VHF	156 to 163.275MHz INT, USA, CAN	
Frequency range UHF	400 to 470MHz	
Frequency range UHF u/band	450 to 520MHz	
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 aerial)	
Audio output	660mW - distortion: < 3% @ 500mW	

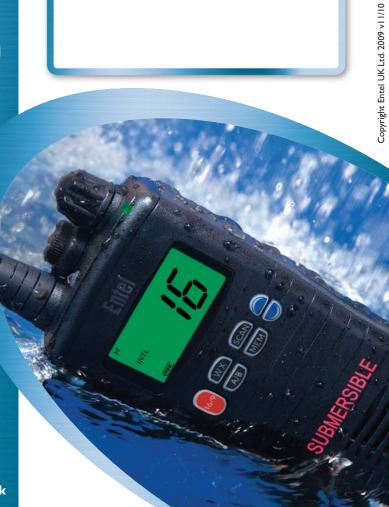
<sup>\*</sup> Dimensions are based on radio with attached battery, excluding knobs, antenna and protrusions.

# **Supplied Accessories**

7.4v, 1800mAh Li-Ion battery\*\* Trickle charger (except for HT649/PI) 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



<sup>\*\*</sup> GMDSS models can be supplied in different package combinations. Please consult your local dealer.