

PREPARING YOUR RADIO FOR USE

Attaching / removing the aerial



1. To attach, carefully align the aerial with the socket. Screw in the aerial clockwise (taking care not to cross the thread) until it is seated firmly with the accessory cover's rubber ring between the aerial and the top of the radio. (A)
2. To remove, unscrew the aerial anti-clockwise. (B)

Attaching / removing the battery pack



1. To attach, locate the pegs on the bottom of the battery into the slots on the radio and press the top of the battery against the radio. Secure battery by tightening the screw clockwise by hand. (Do not use any implement or overtighten). (C)
2. To remove, unscrew the locking screw anti-clockwise and pull the battery away from the top of the radio. (D)

SWITCHING ON, RECEPTION AND SWITCHING OFF

1. To switch on, press and hold the on/off button (1) on the front of the radio.
2. When the radio has passed its diagnostic tests, it will emit a fanfare tone.
3. The radio will enter standby mode. This is indicated by the LED Amber flashing once every 5 seconds, signalling that the radio is ready for use.
4. Adjust the volume control to select the desired volume level.
5. Using the channel buttons, ensure you have the correct channel selected.
6. When receiving a valid signal, the LED will illuminate steady green and audio will be emitted from the radio's speaker or audio accessory (if attached)
7. When finished using the radio, switch off by pressing and holding the on/off button (1) until the radio beeps and the LED/LCD is extinguished.

TRANSMITTING

1. Perform steps 1 through to 5 of Switching On, Reception and Switching Off.
2. Before transmitting, monitor the channel and make sure it is clear.
3. When receiving a signal, wait until the signal stops before transmitting. The transceiver cannot transmit and receive simultaneously.
4. Press the PTT (Push To Talk) button (4) to begin your transmission. To confirm transmission the LED illuminates red.
5. For best transmitted speech quality you must talk directly into the radio's microphone (9) at around 4cm between your mouth and the radio
6. Please note: if you talk into the top of the radio or with your mouth further away, you will transmit poor quality speech.
7. When the transmission is finished release the PTT button.

EU DECLARATION OF CONFORMITY

We, Entel UK Limited of:
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Declare under our sole responsibility that the product ranges specified below conform to the following standards or other nominative documents;

HT446, HT500 series, HT700 V2 series, HT800 V2 series, HT900 V2 series – Land models only

EN 300 086-2V1.3.1; EN 301 489-1:2008-7;
EN 301 489-5 V1.3.1:2002-08:
EN 60950-1:2006 in accordance with
Directive 1999/5/EC

HT800 V2 series, HT900 V2 series – Marine models

EN 301 178-2 V1.2:2007; EN 60945:2002:
EN 60950-1:2006 in accordance with
Directive 1999/5/EC

This declaration is valid for Directive 94/9/EC
until 19 April 2016

This declaration is valid for Directive 2014/34/
EU from 20 April 2016

HT800 V2 Series, HT900 V2 Series, HT500 Series
EN 60079-0:2012,
EN 60079-11:2012

Related certificates:

HT800 V2 Series, HT900 V2 Series
Sira 10ATEX2066X
HT9XX marking Ex II 2 G Ex ib IIC T4 Gb
HT8XX marking Ex II 2 G Ex ib IIA T4 Gb
HT500 Series
IECEx SIR 10.0097X
HT5XX marking Ex II 2 G Ex ib IIA T4 Gb
Sira Certification. Unit 6, Hawarden Industrial
Park, Hawarden, Deeside. CH5 3US, UK
Notified Body No. 0518

Quality Assurance Notification:
Intertek. Intertek House, Leatherhead
KT22 7SB, UK

Notified Body No. 0359
Name: Mike Jamieson
Position: Quality Manager
Date: 13 January 2016
Signed:

www.entel.co.uk

HT Series

HT500 | HT700 | HT800 | HT900 | HT446

Quick Start User Guide



Designed in the United Kingdom

HT Series

HT500 | HT700 | HT800 | HT900 | HT446



Above approvals apply to specific models only

INTRODUCTION

The HT series is a professional range of commercial grade portables designed and manufactured to meet IP68 specification for total protection against water and dust intrusion.

This quick guide provides basic guidance for operating your radio. A full version of this user guide is available to download from our website, www.entel.co.uk.

To meet your exact requirements the radio may have been customised by your Entel authorised dealer. These features will be explained in a separate guide issued by the dealer.

PACKING LIST

HTxxx	Transceiver
CSAHT	Rapid charger (not supplied with HTxx5 & HTxx6)
CNBxxx	Rechargeable Li-Ion battery
CBHxxx	Spring loaded belt clip
CATxxx	High efficiency antenna

OPTIONAL ACCESSORIES

Attaching and removing accessories

To attach an accessory, remove the accessory cover by unscrewing the locking screw anti-clockwise (leave cover attached or store in a safe place).

Plug the accessory into the socket, then carefully tighten the locking screw clockwise until finger tight (do not overtighten or use any implement).

To remove an accessory, unscrew the locking screw of the accessory by hand in an anti-clockwise direction.

Ensure you re-fit the accessory socket cover (the radio is not submersible without the socket covered).



BATTERY INFORMATION

Battery charging

1. Connect the AC adapter to the charger pod and plug in.
2. Turn the transceiver off.
3. Insert the battery pack into the charger pod, either with or without the transceiver attached. The charger LED status light changes to red and charging begins.
4. When charging is complete the charger status LED changes from red to green (a fully discharged battery pack will take approximately 3 hours to recharge).

A flashing red LED on the charger indicates there is a problem with the battery. Remove the battery from the charger and consult your Entel Dealer.

CAUTION

BATTERY PACK PRECAUTIONS

- Do not recharge the battery pack if it is already fully charged. Doing so may cause the life of the battery pack to shorten or the battery pack may be damaged.
- After charging is complete, remove the battery from the charger. If the power to the charger is turned off and on again, charging will restart and the battery will become overcharged.
- Please ensure that the radio is turned off before placing it in the charger and never switch a radio on whilst in the charger.
- Only use Entel branded battery pack and chargers.
- Do not short the battery terminals or dispose of the battery in a fire.
- Do not charge the transceiver and/or battery pack if they are wet.

DANGER

DO NOT DISASSEMBLE OR MODIFY THE BATTERY IN ANY WAY!

Your Entel battery pack incorporates safety circuitry to avoid danger. If the safety circuitry is damaged or bypassed, or the battery cells are damaged directly, they may generate extreme heat, smoke, rupture and emit flames.

CONTROLS & INDICATORS



1. On/Off button. Press and hold to turn the radio on or off.
2. Volume control.
3. Channel control.
4. Push To Talk (PTT) button. Press to speak and release to listen.
5. Dealer programmable button (ask your dealer for more information).
6. Dealer programmable Soft Key (long press only).
7. LED indicator.

Red steady - Transmitting

Red flashing slowly - Battery needs recharging

Green steady - Receiving

Amber steady - Invalid signal being received

Amber flashing rapidly - Scanning

Amber pulsing - In standby mode

8. Keypad buttons.

9. Microphone