HT Series
HT500 | HT700 | HT800 | HT900 | HT446

Quick Start User Guide

Entel

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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.

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	Radio
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 over tighten 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 radio off.
3. Insert the battery pack into the charger pod, either with or without the radio attached. The charger LED status light changes to red and charging begins.
4. When charging is complete the charger LED status 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 reduce the life of the battery pack.

• 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 packs and chargers.

• Do not short the battery terminals or dispose of the battery in a fire.

• Do not charge the radio and/or battery pack if they are wet.

DANGER

DO NOT DISASSEMBLE OR MODIFY THE BATTERY IN ANY WAY!

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

CONTROLS & INDICATORS

NON DISPLAY

3 KEY LCD
SECURITY CHANNEL

8 KEY LCD
L Lone Worker
Select   Info   Back

20 KEY LCD
Message to 8-Bit Page
Visitor is waiting in security control
Sending

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

Model	Description	ATEX	IECEx	Permitted models
CNB550E	1800mAh Li-Ion battery pack		✓	All HT500 Series
CNB950E	1800mAh Li-Ion battery pack	✓		All HT800 V2, HT900 V2
CMP500	Speaker/microphone		✓	All HT500 Series
CMP950	Speaker/microphone	✓		All HT800 V2, HT900 V2
CHP950D	Ear defender headset	✓	✓	All HT500, HT800 V2, HT900 V2
CHP950HS	Ear defender headset	✓	✓	All HT500, HT800 V2, HT900 V2
CHP950HD	Ear defender headset	✓	✓	All HT500, HT800 V2, HT900 V2
PTT951	Push to talk switch	✓	✓	All HT500, HT800 V2, HT900 V2
PTT950E	Push to talk switch	✓	✓	All HT500, HT800 V2, HT900 V2
PTT951E	Push to talk switch	✓	✓	All HT500, HT800 V2, HT900 V2
PTT951C	Push to talk switch	✓	✓	All HT500, HT800 V2, HT900 V2
CXR16/950	Throat earphone/microphone	✓	✓	All HT500, HT800 V2, HT900 V2
CXR5/950	Skull earphone/microphone	✓	✓	All HT500, HT800 V2, HT900 V2
EA12/950	Earphone/microphone	✓	✓	All HT500, HT800 V2, HT900 V2
EA15/950	Earphone/microphone	✓	✓	All HT500, HT800 V2, HT900 V2
EA19/950	Earphone/microphone	✓	✓	All HT500, HT800 V2, HT900 V2
EHP950	Earphone	✓	✓	All HT500, HT800 V2, HT900 V2
Savox C-C500	Cert no. VTT 06 ATEX 043X	✓	✓	All HT800 V2, HT900 V2
Savox 100+	Cert no. VTT 06 ATEX 036X	✓		HT981, HT981S
Savox 400	Cert no. VTT 05 ATEX 009X	✓		HT981, HT981S
Savox, FPS-COM	Cert no. ITS08ATEX25772X	✓		HT981, HT981S, HT983, HT983U, HT983S, HT983SU
SABRE-COM	Cert no. ITS03ATEX21290X	✓		HT981, HT981S, HT983, HT983U, HT983S, HT983SU
FPS-COM-Plus VA R-C	Cert no. ITS11ATEX27318X	✓		All HT800 V2, HT900 V2

The Entel ATEX and IECEx transceivers should only be used with the specific, permitted accessories, as detailed above.

PREPARING YOUR RADIO FOR USE

Attaching/removing the antenna

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

To remove, unscrew the locking screw anti-clockwise and pull the battery away from the top of the radio (D).

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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, signaling 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 above.
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 radio cannot transmit and receive simultaneously.
4. Press the Push To Talk (PTT) button (4) to begin your transmission. To confirm transmission the LED will illuminate 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.

The product shall only be put into service
after it has been professionally configured by
a specialist radio communications dealer for
the EU member state or geographical area it
is intended to be operated within.

Intended country of use

AT	BE	BG	CH	CY	CZ	DE	DK	EE
ES	FI	FR	EL	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK	TR	UK(NI)			

CONTACT

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CA CE