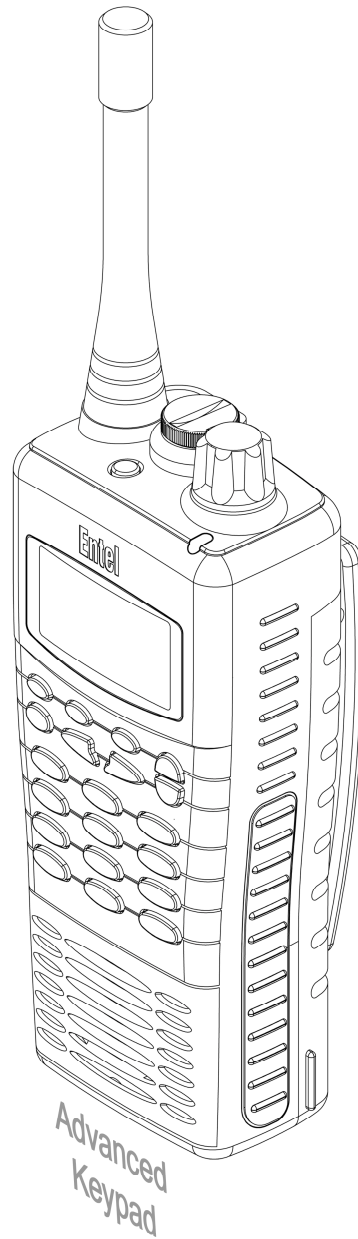


Entel HT700 Series 2.0 VHF/UHF Handheld Transceiver



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1. INTRODUCTION

The Entel HT700 Series 2 is a PMR handheld two-way VHF/UHF transceiver. It is of heavy duty, commercial grade construction exceeding MIL-STD 810/C/D/E/F, with up-rated IP55 splash proof protection.

It is constructed with a microprocessor controlled, temperature compensated Phase Locked Loop (PLL) frequency synthesizer. Depending on the version, it has either 16 or 255 programmable channels. Some versions also have an LCD display and Keypad. The radio features a double conversion receiver and a direct FM transmitter modulator. A special integrated circuit provides support for sub-audible signalling (all CTCSS & DCS tones).

The transceiver includes the following features:

- Scan mode.
- Four programmable buttons.
- VOX (voice operated transmit).
- Easy-to-read LCD display (depending on version).
- EEPROM memory back-up.
- Stored and/or Keypad DTMF dialling (depending on version).

The battery uses Lithium-ion technology for long life. The Battery system also incorporates a battery level indicator, a low battery warning bleep/flashing LED, and a built in charge cycle counter.

The Radio also has an extensive range of accessories.

1.1. Model Numbers

The HT700 Series 2 transceivers are available in many different configurations. Advanced functions will also depend on model type. Part Number Identification is as follows:

HT72x are VHF models.
HT78x are UHF models.
HT71x are 66-88MHz models

HT7x2 have no display or keypad
HT7x3 have an LCD display but no keypad
HT7x5 have an LCD display and simple 8 button keypad
HT7x6 have an LCD display and full 20 button keypad

2. ITEMS SUPPLIED

Items	Model	Quantity
Radio	HT7xx	1
Antenna	CATxx	1
1800mAh Li-Ion battery pack	CNB750E	1
Spring loaded belt clip	CBT750	1
Intelligent rapid charger*	CSAHT	1
User guide	UG700	1

Table 2.1 Items Supplied

* CSAHT (only supplied with HT7x2, HT7x2S & HT7x3 models)

2.1. ACCESSORIES

The HT700 Series is supported by a wide range of useful accessories.
For an up to date list visit the Entel web site at www.entel.co.uk

CSAHT	1-way dual slot rapid charger, 110/230v operation
CSBHT	6-way dual slot rapid charger, 110/230v operation
CFC750	Soft leather carry case with strap & Belt loop
CFC756	Soft leather carry case with strap & Belt loop
CLC752	Hard leather carry case with strap & Belt loop
CLC753	Hard leather carry case with strap & Belt loop
CLC756	Hard leather carry case with strap & Belt loop
CBT750	Spring loaded belt clip
CMPI/750	Compact medium duty speaker microphone with earpiece jack
CMP750	Heavy duty submersible speaker microphone
EHP9	D-shaped earpiece (plugs into CMP1/750 or CMP750 above)
Tattoo	Lightweight Bluetooth earpiece/microphone
X3	Durable, water resistant Bluetooth earpiece/microphone
M10	Ultra small Bluetooth earpiece/microphone
BTPPT	Small Bluetooth remote press to talk button
EA12/750	D-shaped earpiece with in-line PTT/microphone & VOX*
EA15/750	Earpiece microphone with transparent acoustic tube & VOX*
EA19/750	D-shaped earpiece with boom microphone and in-line PTT & VOX*
EPH750	D-Shaped earpiece (connects directly to radio)
EPT40/750	Bone conductive earpiece microphone with PTT
CXR5/750	Bone conductive skull microphone with in-line PTT
CXR16/750	D-shaped earpiece and throat microphone with in-line PTT
CHP1/750	Light weight single earpiece headset with in-line PTT &VOX*
CHP750HS	Single earpiece ear defender headset with boom Mic and in-line PTT for hard hat &VOX*
CHP750HD	Double earpiece defender headset with boom Mic and in-line PTT for hard hat &VOX*
CHP750D	Double earpiece headband defender headset with boom Mic and in line PTT &VOX*
CHP750BT	Bluetooth double earpiece headband defender headset with boom Mic and ear cup PTT
	* VOX = Voice Operated Transmit (hands free operation)
CXW640	Antenna adapter for external aerial connection
CAT20	Helical antenna VHF
CAT80	Whip antenna UHF
CAT80VS	Stubby antenna UHF
CAT710-78	78MHz compressed antenna
CAT710-85	85MHz compressed antenna
CAT710-Full/Y	66-77MHz full length antenna
CAT710-Full/G	77-88MHz full length antenna
CAT700-40	30-50MHz antenna

Table 2.2 Accessories