DX Digital Series

Designed in the United Kingdom

Entel

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INTRODUCTION

The Entel DX4xx digital series is designed for those users who demand the ultimate performance for their business critical communications.

Your radio can be configured for Digital or Analogue channels, or both and to meet your exact requirements the radio may have been customised by your Entel dealer. These features will be explained in a separate guide issued by the dealer.

PACKING LIST	
DX4xx	Digital Radio
CNB4xxE	Rechargeable Li-Ion battery
CBH450	Loaded belt clip
CATxxx	High efficiency antenna
CSAHX	Rapid charger

OPTIONAL ACCESSORIES

Attaching and removing accessories

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

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

3. 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 so as to protect the socket.

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 status LED changes from red to green, a fully discharged battery pack will take approximately 2 hours (CNB420E), 3 hours (CNB450E) to re-charge.

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 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

NAV KEY

20 KEY LCD

1. On/Off/Volume control. Rotate clockwise to turn on and increase volume. Rotate anti-clockwise to reduce volume & turn off.

2. Channel Control

3. Accessory socket

4. Push To Talk (PTT) button, press to speak and release to listen

5. Dealer programmable buttons (ask your dealer for more information)

6. LED indicator

   Red Steady - Transmitting

   Red Double Flash - Low Battery

   Red Fast Flash – Error

Green Steady – Receiving

Green Steady (AM) – Monitoring Channel

Green slow flash (DM) – Digital call hang time

Amber steady – Receiving invalid signal

Amber Flash every 5-seconds – Radio in standby

Amber Rapid Flash – Scanning

7. Info button

8. Full keypad (20 Keys)

9. Navigation key

10. Microphone

PREPARING YOUR RADIO FOR USE

Attaching / removing the antenna

1. To attach, carefully align the antenna with the socket. Screw in the antenna and clockwise (taking care not to cross the thread) until it is seated firmly. (A)
2. To remove, unscrew the antenna anti-clockwise. (B)

Attaching / removing the battery pack

1. To attach (C), locate the pegs on the bottom of the battery into the slots on the radio and pull the 2 latches downwards, carefully pushing the battery into the radio. Release the latches ensuring the battery is full attached.
2. To remove (D), pull down the 2 latches and carefully pull the battery away from radio.

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SWITCHING ON, RECEPTION AND SWITCHING OFF

1. To switch on rotate the on/off/volume control (1) on the top of the radio clockwise, you will hear a click from the control.
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 flashing Amber once every 5 seconds, indicating the radio is ready for use.
4. Adjust the volume control (1) to select the desired volume level.
5. Using the channel/contact list control (2) ensure that you have the correct channel/ contact 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 turning the on/off/volume control (1) counter clockwise until it clicks and the radio will be switched off.

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 radio 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 (10) at around 4cm between your mouth and the radio.
6. Please note: 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

Hereby, Entel UK Limited
Declares that the radio equipment type DX400 series is in compliance with Directive 2014/53/EU
The full text of the EU declaration of conformity is available at the following internet address:
www.entel.co.uk/red