

DN Network Radio

User Guide



Designed in the United Kingdom

Entel

1. Controls & Indicators



1. On/Off/ Volume control. Rotate clockwise to turn ON and increase volume. Rotate anti-clockwise to reduce volume & turn OFF.
2. Group Control (equivalent to channel selection)
3. Accessory socket
4. Push To Talk (PTT) button, press to speak and release to listen.
5. Programmable buttons
6. LED indicator
7. Info button
8. Soft keys – for opening, selecting and navigating contacts & menu items
9. Individual Polite Call (green) and End Call (red) buttons
10. Navigation key – For navigating contacts & menus

2. Starting a DN

DN radios behave differently compared to Entel's analogue and digital radios in that they have distinct start up modes.

- a) **Cold Boot** – This is the start-up mode when the battery is first fitted or fitted again having been removed. The approximate time from switching ON to being ready for a first call is approx. **50 seconds**. The sequence of screens can be seen below in fig.1.



Fig.1 Cold Boot Screens

- b) **Warm Boot** – This is the start-up mode when the battery is fitted and the unit has previously performed a full start-up (as 2a above) and been switched off again with the ON-OFF Volume control (1). The approximate time from switching ON to being ready for a first call is approx. **15 seconds**. The sequence of screens can be seen below in fig.2.



Fig.2 Warm Boot Screens

There are other intermediate screens towards the end of the both the cold and warm boot sequences that may be seen.



Fig. 3 Intermediate connection screens

**Note – When a unit has been switched OFF using the ON-OFF Volume control (1) and the battery is not removed, the unit remains in a low power standby state. Leaving a unit in this state will continue to drain the battery slowly.

c) Once the following screen is reached, the unit is connected and ready to make calls. (depending on how your DN is configured, some softkey options may not be available).

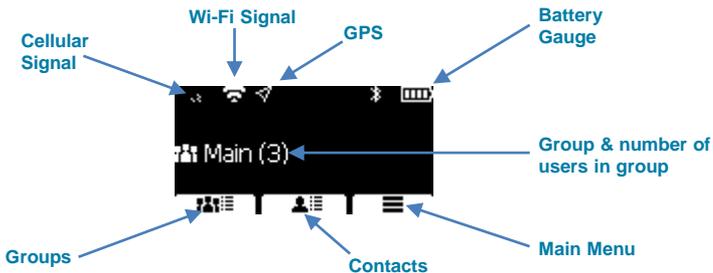


Fig.4 Connected

3. Selecting a Group (Channel)

DN radios provide automatic access to a virtually un-limited number of 'channels' in the background. There is therefore no need for a channel control which instead becomes a Group selection control.

Option A – Using the rotary Group Control (2) to select a group.



Fig.5 Changing Groups with Group Control

Option B – Using the Group list.

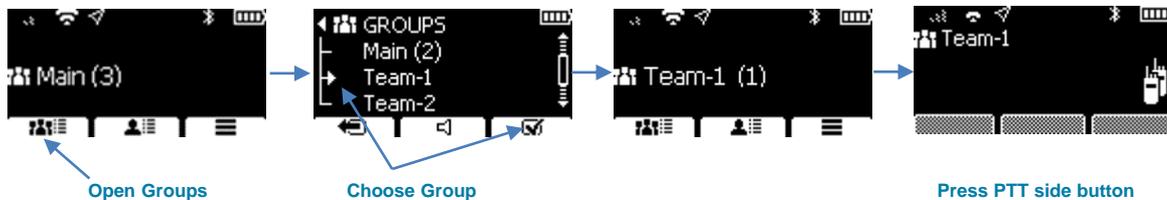


Fig.6 Changing Groups from the Group list

4. Making / Receiving Group calls

Option A – To speak to the selected Group (Standard Group Call) just press PTT.

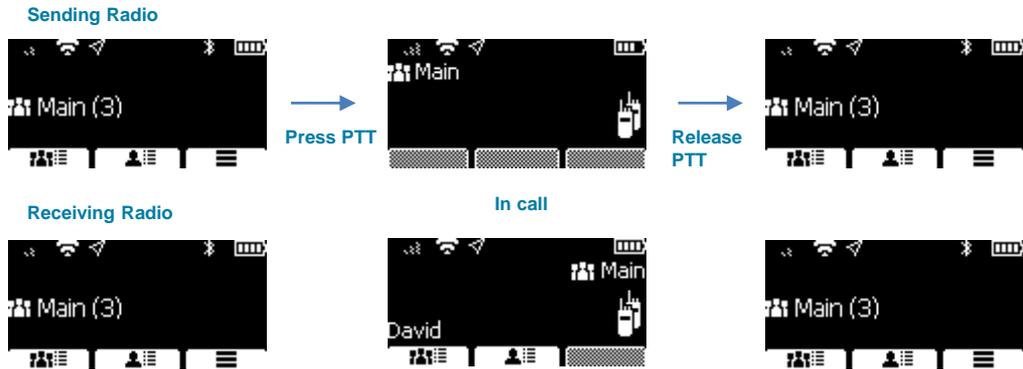


fig.7 Standard Group call

Option B – To make a Temporary Group call follow the sequence below (the radio will automatically revert to the selected Group after the call hang timer ends or you hang up the call using either the Softkey or Red button).

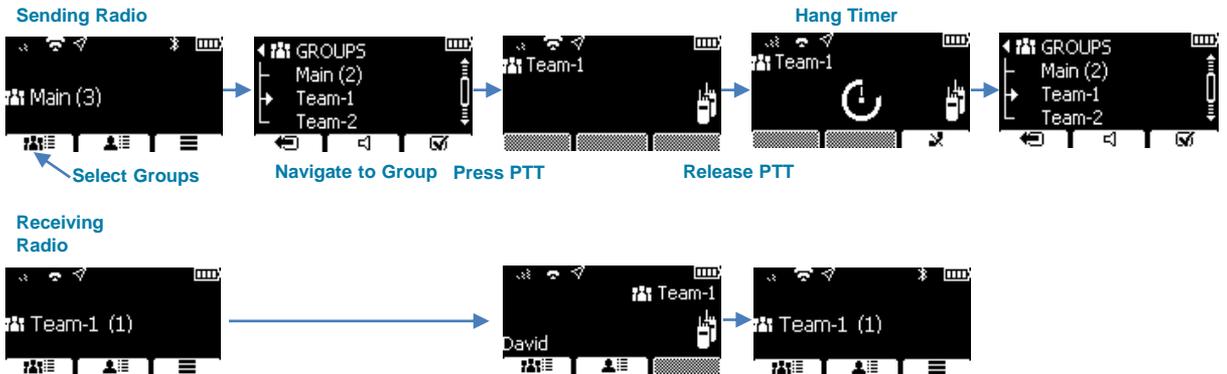


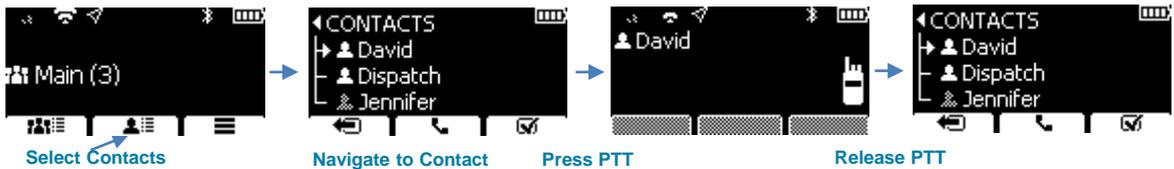
fig.8 Temporary Group call

5. Making / Receiving Individual calls

An individual call can be made in two ways, 'Impolite' – speak directly to the individual or 'Polite' – ring the individual and wait for an answer.

Option A – To impolitely call an individual, follow the sequence below. *Note: on-line contacts are indicated by a solid icon, offline contacts are greyed out and may not be called.*

Sending Radio



Receiving Radio

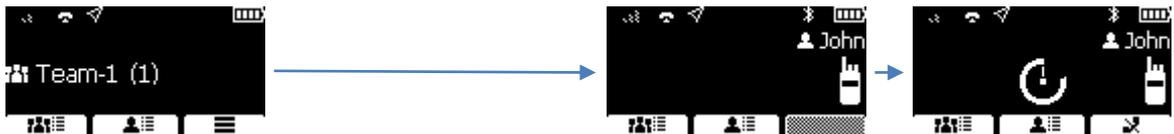
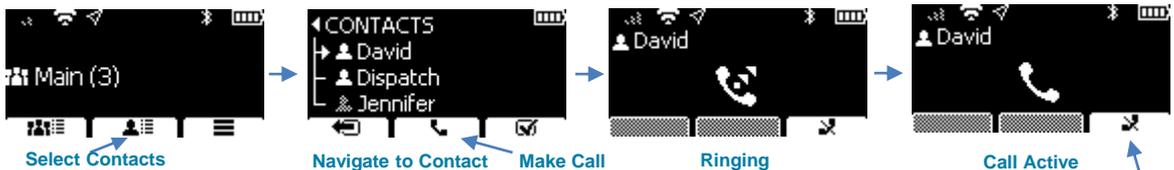


fig.9 Impolite Individual call

Option B – To politely call an individual, follow the sequence below.

Sending Radio



Receiving Radio

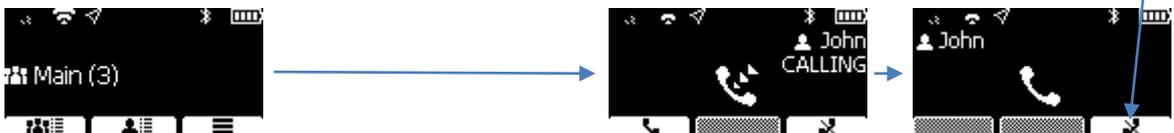


fig.10 Polite Individual call



The Green and Red buttons can be used to setup and end polite calls instead of the soft keys shown in Fig. 10

You may also temporarily set an Individual call as your default call to talk directly to an individual using PTT, follow the sequence below. To clear the individual from the display and revert to group calling rotate the group selector one click in either direction. A timer will also revert to the default Group address after 5-minutes of inactivity.

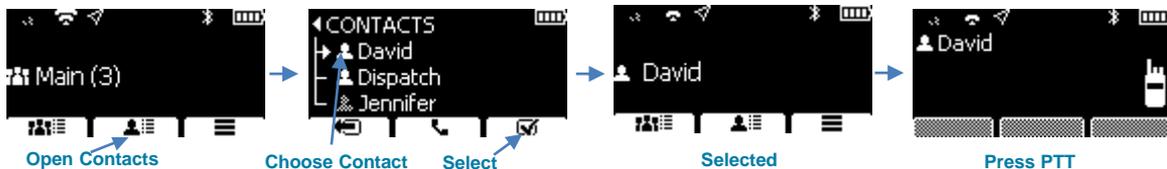


fig.11 Individual PTT

6. Over the Air programming (OTA)

DN is capable of updating its firmware and configuration 'over the air' (OTA).

- The OTA updates are pushed from Entel
- The user is able to select when to install the firmware update.

The OTA process follows two main steps.

1. When an OTA is available, on start-up (either a cold or warm boot) the following screen will be displayed.



If the tick is selected the OTA will progress according to the screens lower down, if the X is selected, the unit will proceed to the home screen as usual.

2. If the OTA is applied the following screens will be shown, the process will take several minutes to complete. Once finished, the unit will return to the usual home screen.



For a detailed specification on all products listed please visit our webpage - entel.co.uk

CONTACT

For more information about our products please contact us:

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