

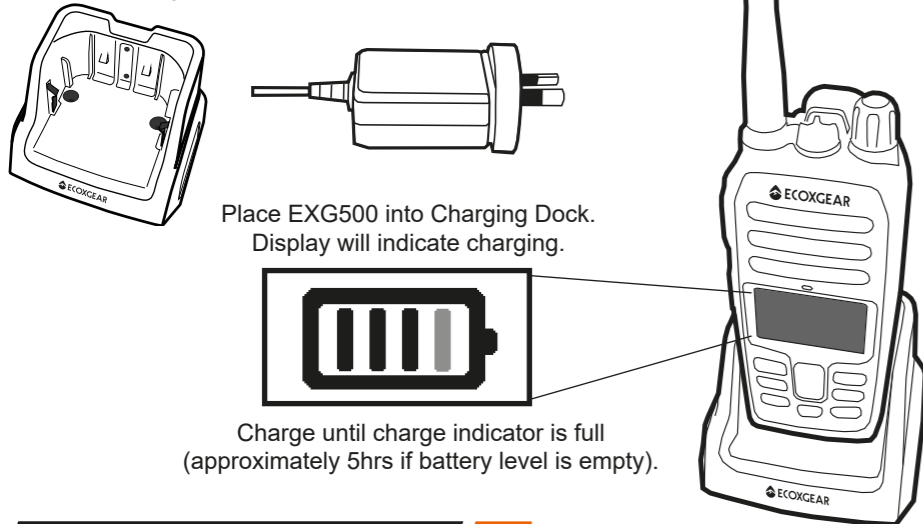
5W Watt IP67 Long Range UHF CB Handheld Radio EXG500 USER GUIDE

Charge the Battery 1

Battery pack is pre-installed with battery cover fastened. Removeable antenna and belt clip are also pre-attached.

Setup the Charging Dock:

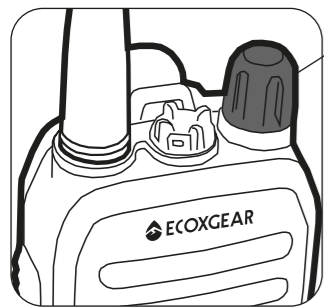
Connect AC Adaptor to Charging Dock. Plug AC Adaptor to 240V AC power outlet.



Place EXG500 into Charging Dock. Display will indicate charging.

Charge until charge indicator is full (approximately 5hrs if battery level is empty).

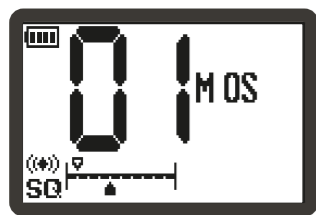
Power ON/OFF | Volume 2



Turn clockwise to turn Power On. Turn fully anti-clockwise to turn Power Off. When power is on, rotate to adjust Volume.

After the ECOXGEAR logo appears, the display will change to the Active mode, indicating the current channel and settings, and Live RSSI graphic.

If there is no signal activity for 8 seconds the display will change to the Simple mode display.



Active Mode Display

No activity (~8sec) → Activity



Simple Mode Display

Selecting a Channel 3



There are three ways to navigate to a channel.

Main Method:

Press **UP** or **DOWN** to change channel one step at a time. (Press **and hold** to change channels rapidly.)



One-Touch Shortcut Keys:

Press **PRI** to recall the Priority Channel (Default is CH11). To store the current channel as the Priority Channel, press **and hold PRI**.



Press **EMG** to recall Emergency Channels 05 and 35.

EMG

Channel Usage 4

The EXG500 has 80 UHF-CB Channels to select from. Visit the ACMA website for details of citizen band radio usage.

Designated Channels

- Channels **05** and **35** are for Emergency communications only.
- CH.11 Call Channel. Once contact is made, switch to another channel.
- Channels **01-08** and **41-48** are repeater output channels. Channels **31-38** and **71-78** are the matching repeater input channels.

Limited Use Channels

- CH.22, 23 No voice (talk) is permitted on these channels.
- CH.61, 62, 63 Reserved for future use.

Commonly used for...

- CH.10 4WD Clubs, Convoys & National Parks
 - CH.18 Caravan & Campers, Convoys
 - CH.29 Road Safety (Pacific Hwy NSW-QLD)
 - CH.40 Road Safety (Truckies) Australia Wide
- All other channels are for general use.

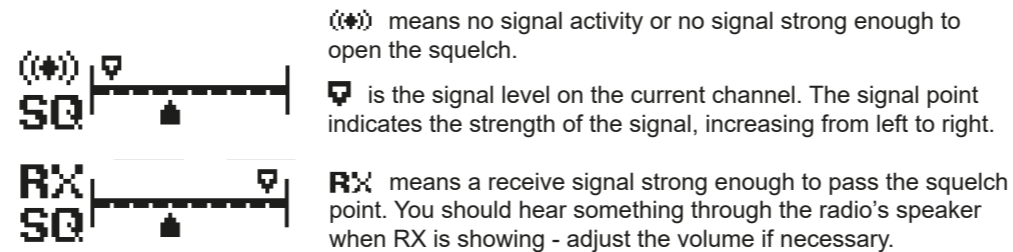
CH: 01 02 03 04 **05** 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 **35** 36 37 38 39 40

CH: 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

LISTENING: Receive (RX) Basics 5

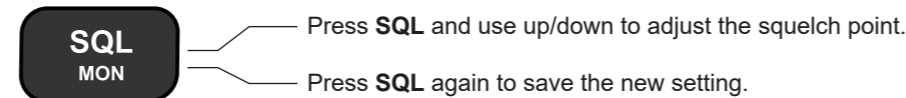
Live RSSI (Receive Signal Strength Indicator)

The Live RSSI graphic (*Patent Pending*) shows the signal activity on the current channel.

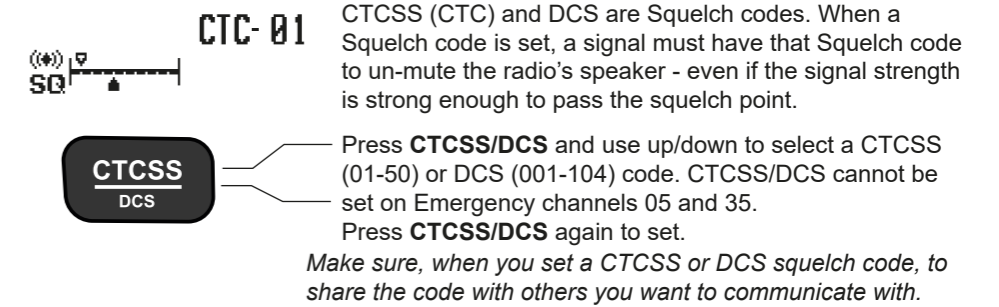


SQ is Squelch. The squelch keeps the radio's speaker muted.

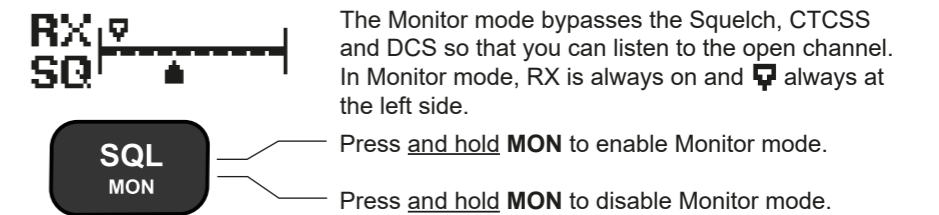
■ is the squelch point, the threshold allowing signals to un-mute the radio's speaker.



Adding CTCSS & DCS to the Squelch



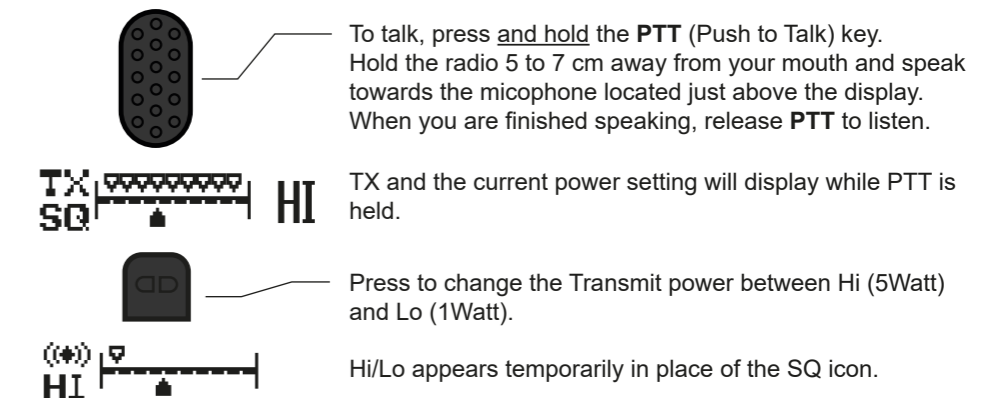
Monitor Mode



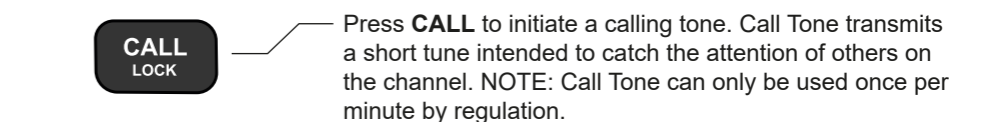
TALKING: Transmit (TX) Basics 6

Always listen on a channel, or check the LiveRSSI, to ensure it is not already being used before transmitting.

To communicate, all radios in your group must be set to the same Channel and, if it is set, the same CTCSS / DCS Code.



Making Contact Using Call



The radio will float with supplied batteries installed and with the antenna, battery cover and accessory jack cover fully connect and sealed.



Water resistant level.

Note: The radio, with battery cover, antenna and accessory cover fully sealed, will resist water to the water-proof/submersible IP67 level.

