BARRETT 2050
Advanced HF SSB Transceiver

Quick Reference Guide

Understanding the Display

Channel: 0010   12:00
Rx 10000.0 kHz
Public
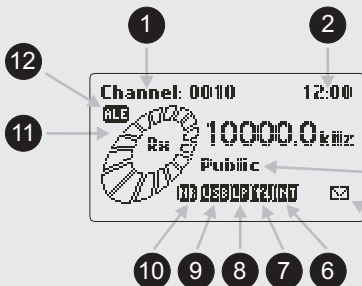
1. Channel number
2. Time
3. Frequency
4. Channel use
5. Selcall received
6. Selective call type
7. Antenna in use
8. Power setting
9. Mode
10. DSP Noise reduction activated
11. Rx Signal strength/Tx Power
12. ALE Active

Adjusting the audio volume

| ◀| | To increase the audio volume |
| ◀| | To decrease the audio volume |

Selecting a channel

Using up down keys

▲ Channel up   ▼ Channel down

Going directly to a channel

press the [Channel] key **+** enter channel number

using the key pad **+** press the ⟨ENTER⟩ key

Finding the best channel to use

When a Beacon call is sent to another station, if the channel being used is "open", the remote station sends back a distinctive 4 tone revertive signal. The operator can judge the quality of the channel for communications purposes by the strength and clarity of this distinctive tone. Using Beacon calls on several available channels will determine which channel is best to use subsequent Selcalls or Telcalls.

Select a channel **+** press the ⟨CALL⟩ key **+** use the **Scroll keys** to select "**BEACON**"

+ ⟨CALL⟩ enter the four or six digit ID of the station you wish to call **or** select the station

you wish to call in the address book using the **Scroll keys +** press the ⟨CALL⟩ key

Calling another station

Select a suitable channel **+** press the ⟨CALL⟩ key **+** use the **Scroll keys** to

select "**SELCALL**" **+** ⟨CALL⟩ enter the four or six digit ID of the station you wish to

call **or** select the station you wish to call in the address book using the **Scroll keys +**

press the ⟨CALL⟩ key

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Telephone Calls
(via a base station equipped with a telephone interconnect)

Direct dial
select a suitable channel **+** press the ╱**CALL**╲ key **+** use the **Scroll keys** to select

TELCALL + ╱**CALL**╲ enter the four or six digit ID of the base station you are using to

make the telephone call via **or** select this station if it is in the address book

using the **Scroll keys +** press the ╱**CALL**╲ key, enter the telephone number you

wish to dial **or** select it from the Phone Book using the scroll keys **+** ╱**CALL**╲

Emergency Call

Press the ⚠ button for more than two seconds and less than ten seconds.

Your transceiver is now transmitting a special emergency call sequence that if received by other transceivers will immediately alert them and if your transceiver has a GPS receiver fitted will show them your position.

To stop the sequence press the | **Clear** | **key or turn off the transceiver**

Note:- For security reasons when the transceiver is sending emergency calls there is no indication from the transceiver either visual or audible.

Note:- your transceiver must be specifically programmed to use this function

Mute
(Squelch)

To select the mute press the | **Mute 0** | key once and the current mute will be displayed,

now press the | **Mute 0** | key successively to select the mute (squelch) type required.

There are three types of mute squelch available, audio (syllabic) mute which only opens when voice transmission is detected, signal strength mute which opens when a signal above a preset value (value set in Protected menu section) is present and Selcall mute which opens when a selcall is received.

Scan Tables

To select the scan table you wish to use press the | **Scan wxyz 9** | key for more than 2

seconds and use the ▲ or ▼ keys to select the required scan table then

press the ╲**ENTER**╱ key.

Selcall History

To view recently received calls press the ╱**CALL**╲ key for more than 2 seconds.

Press the ╲**ENTER**╱ key to view New calls. Or use the ▲ or ▼ keys to select

the Inbox or Outbox which contain old received calls and recently sent calls respectively.

Please note: This guide should be used in conjunction with the Barrett 2050 Operation and Installation manual.