



12. Display messages







In addition to showing the normal channel information, the display is able to show messages indicating the results of an operation, such as an operator error or a system error.

These error or fault messages are generally accompanied by one or more 'beeps'.

If a transceiver fault is indicated, the transceiver must be switched off and tried again. If the fault re-occurs the transceiver must be sent to Codan, or a Codan agent, to have the fault rectified.

Messages will be displayed for five seconds and then normal operation will be resumed. Pushing any button or the microphone PTT button during this five second period will immediately restore normal operation.

Messages and operator errors

No. of 'beeps'	Message displayed	Meaning
2		The automatic antenna has been satisfactorily tuned.
2		The automatic antenna has failed to tune.
2		An attempt has been made to transmit before the automatic antenna has been tuned. Wait until the automatic antenna has tuned. If a fault exists, refer to the antenna handbook for details.
1		An attempt has been made to enter more than 15 channels in the scan program.
0		Displayed when programming scan and shows that a channel has been entered in the scan program.
1		Channel does not exist.



No. of 'beeps'	Message displayed	Meaning
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> No PTT Error </div>	<p>An attempt has been made to transmit on a receive-only channel, or while the scan mode is selected.</p> <p>If the transceiver is scanning, press the Scan button to stop scanning. If the channel selected is a receive-only channel, select another channel.</p>
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> SCAN Error </div>	<p>An attempt has been made to select the scan mode while the transceiver is transmitting, or no channels have been entered in the scan program.</p> <p>Check that the program has scan channels, if not select another program.</p>
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Enter too hi BB Error </div>	<p>An attempt has been made to program a receive frequency higher than 30,000 kHz or a tone frequency higher than 2800 Hz.</p>
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Enter too lo BB Error </div>	<p>An attempt has been made to program a channel with a frequency lower than 250 kHz or a tone frequency of 300 Hz or lower.</p>
0	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CHL Tx FULL Rx </div>	<p>All 99 P-channels are programmed.</p>



Display messages

No. of 'beeps'	Message displayed	Meaning
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CHL Tx USEd Rx </div>	The nominated channel is already programmed.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> prog inhibit </div>	There are four program inhibit options available. Refer to <i>Inhibit programmed channels</i> in section 11.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> PoE ENABLE </div>	An emergency call, tone call or a selective call has been attempted on a channel where that function has not been enabled.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Po Rx TUNE </div>	Full inhibit has been programmed.
2	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> PTT CUTEOUT </div>	The microphone PTT has been active for a longer time period than set. Refer to section 11, <i>Changing the set-up options..</i>
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CHL CALL ---- </div>	A request for you to enter a selective call address.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CALL PHONE OFF </div>	The telephone mode is off.



No. of 'beeps'	Message displayed	Meaning
0	CALL PHONE ON	The telephone mode is on.
1	CALL TEL-No 1234 -----	A request for you to enter a telephone number.
1	Stor TEL-No E_	A request for you to enter a code number for a particular telephone number.
1	dEL TEL-No E_	A request for you to enter a telephone number that you want to delete from memory.
1	CALL DISCON 1234 TEL	Indicates that you can send a disconnect telephone message to the call line between your transceiver and the base station
0	CHL 428 P2 CALLED	An ordinary (not telephone) selective call has been received. This example shows a call received from station 428 on channel P2.
0	CHL 428 P2 E-CALL	A telephone call has been received from station 428 containing telephone number information has been received on channel P2.






Display messages

No. of 'beeps'	Message displayed	Meaning
0	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CALd Tx 4012 400 Rx 4012 </div>	A call has been received on another channel. Display shows call on channel 400 and frequencies.
0	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CHL CALLED P2 Rx 12.340 </div>	An ARQ call has been received. In this example, on channel P2 the frequency is 12.340 MHz.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> CALL No TEL prog </div>	Indicates that no telephone numbers have been stored.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Stor TEL-No E- USEd </div>	A request to store a frequently used telephone number as a single digit.
0	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> SET SEARt SEARtE </div>	Indicates that your transceiver is switched on and in the Mute set-up mode.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Ant Control CHAN </div>	Indicates that your transceiver is switched on and in the Antenna select output mode.
1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Ant Control BAND </div>	Indicates that your transceiver is switched on and in the Frequency band operation mode.



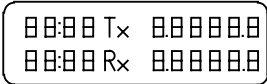
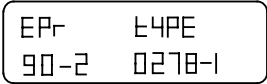

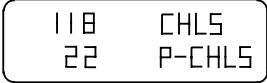
System errors

No. of 'beeps'	Message displayed	Meaning
3		<p>Internal synthesiser is unlocked. All transmission is inhibited and the receiver is muted.</p> <p>Turn the transceiver off and then try again. If the problem persists, the transceiver must be returned for service.</p>
2		<p>The external tuner has not completed a tune operation within five minutes.</p> <p>Turn the transceiver off and then try again.</p>
0		<p>No channels have been programmed into the transceiver.</p>

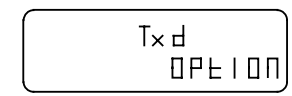
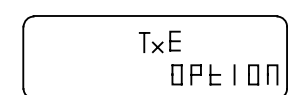
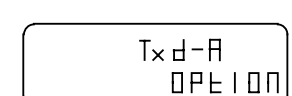




Reviewing the EPROM program content

With the transceiver on, push and hold the Power On-Off button. The display will show the following test displays at three second intervals. On releasing the Power On-Off button the transceiver is turned off.

No. of 'beeps'	Message displayed	Meaning
0		Display lamp test: all segments must be on and all the indicators lit.
0		This shows the Program (EPROM) type number. (example 90-20278-1)
0		Program (EPROM) issue number. (example 4.3). Some indicator lamps will turn off.
0		<p>The top line shows the number of channels programmed by the factory or agent, this can be up to 501.</p> <p>The second line shows the number of channels programmed by the user, this can be up to 99 or 89 with the telephone mode enabled.</p>



No. of 'beeps'	Message displayed	Meaning
0		<p>These displays indicate some of the options fitted to the transceiver.</p>
		<p>d indicates that the transceiver is inhibited from entering transmit frequencies from the front panel.</p>
		<p>E indicates that the transceiver is enabled for entering transmit frequencies from the front panel.</p>
		<p>A indicates that the transceiver is programmed for use on the amateur band.</p>
		<p>H indicates that the transceiver is set for use with an external power amplifier.</p>

Note: This procedure is repeated in section 4, *Reviewing the EPROM version and options*



Display messages