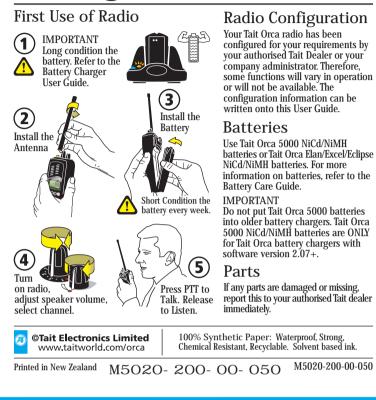


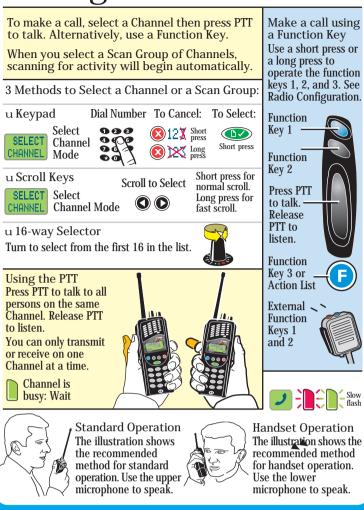


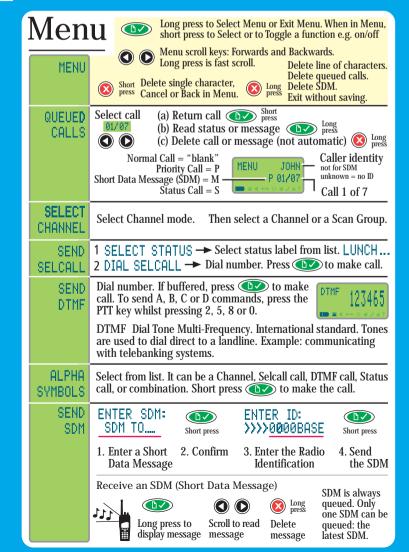
Getting Started





Making Calls





Variable Selcall Preset/Fixed Selcall Select a Selcall Channel Select a Selcall Channel Select the appropriate Function Key to make the call. u Preset Call #1 (Selcall) u Preset Call #2 (Selcall) u Fixed Selcall Sequence Short press or Long press Select Dial Selcall from F3 Action List or Menu Press PTT to talk. Release PTT to listen. **Emergency Calls and One Touch Selcalls** You may need to Select a Selcall Channel. 🚺 Short press Dial the Selcall number: Select the appropriate Function Key to make the call. u Emergency Call (Selcall) u Emergency Call (Selcall) u One Touch Call. This uses 🛛 12 🗶 🐼 🔀 the first Alpha Symbol, Short press Long press Short press or Long press which can be configured as a Selcall call. Short press Press PTT to talk. Release PTT to listen. Deferred Callback for Selcall If busy, the call will be Press PTT to sent when Channel is free: up to 15 tries (if configured). talk. Release To cancel the call: To exit 🕕 PTT to listen. Change Channel or turn radio off. Selcall: Long press **Receive a Selcall Call Receive a Status Message** Press PTT to talk. 11 There is usually no Fyample need to respond to CALL Ĭ JANE Caller a Group Selcall. AT UNCH identity Example JANE ____ Caller Identity CALL — Call status Status Message (8 characters) STAT 00 or Status Number 00 to 99

Selcall Calls

Menu

USER SETTINGS	HANDSET Handset mode: on/off Transmit at low power: on/off Transmit at low power: on/off Keypad locked Long press to unlock DTMF DTMF dialling mode: normal/buffered Economy mode: on/off Squelch: city/country Monitor (signalling override): on/off Squelch Override: on/off 						
ALERT SETTINGS	TONES ► Radio Tones: on/off LEVEL ► Volume of Radio Tones: high/low KEYTONE ► Keypress Tones: on/off						
DISPLAY SETTINGS	NIGHT Night use mode: on/off RSSI RSSI. Signal strength indicator: on/off ADJUST CONTRAST → Adjust contrast of display Image: Contrast of display						
ADV SETTINGS	PROGRAM → Select a → Select a → Set the GROUP Scan Group. Channel. Scan Group Membership: press VNTP1P2 ↔						
Long press: Exit & Save	Scan Group Membership GROUP 16 Channels maximum. V Yes: Member FULL Remove a Channel (N).						
Exit No Save	No: Not a Member CANNOT 2 Channels minimum. T Default Transmit Channel P1 Priority 1 Channel						
	P1 Priority 1 Channel CANNOT Set another Channel to P2 Priority 2 Channel CHANGE P1/P2/T then the current P/T Channel will become Y.						
	PROGRAM SIGNAL						
	VERSION Select Version INFO → from list: HW VER Software MAIN DB Database CAL DB Calibration						

Radio Configuration

Write your settings

Alpha Symbols	F3 Action List	Phonetic Alphabet
1		Alpha A
1	1	Bravo B
2	2	Charlie C
3		Delta D Echo E
4	3	ECNO E Foxtrot F
5		Golf G
<u> </u>	Radio Identification	Hotel H
7		India I
· · · · · · · · · · · · · · · · · · ·		Juliet J
8		Kilo K
9		Lima L
10		Mike M
11	Group Information	November N
12		Oscar O Papa P
13		Quebec Q
14		Romeo R
15		Sierra S
16	Emergency Call Numbers	Tango T Uniform U
17		Victor V
18		Whisky W
19		X-ray X
20		Yankee Y
		Zulu Z
16	0	
16-way 1	9	h

16-way Selector	1	9 ¹⁰
Selector	2	9 10 10 11 12 13 14 15 16 5 constraints
	3	11
	4	12
	5	13
	6	14
5.5. L	7	<u>15</u>
	8	<u>16</u>

Radio Configuration Write your settings		F1		F2		F3		External	
Short press is less than 1 second Long press is more than 1 second Note: Function keys use a toggle action e.g. on/off		Long Press	Short Press	Long Press	Short Press	Long Press	Γ	2	
Disabled									
Tones: Beeps on / off									
Economy Mode Control on / off									
One Touch Call (First Alpha Symbol)									
Channel's DTMF Preset									
Fixed Selcall Sequence									
Preset Call #1 (Selcall)									
Preset Call #2 (Selcall)									
Emergency (Selcall)									
Nuisance Delete									
Repeater Talk Around on / off									
Repeater Access Tone									
Handset Mode on / off									
Low Power on / off									
Keypad Locked 🚫 Long press to unlock									
Toggle Monitor on / off									
Disable Monitor									
Squelch Override on / off									
Backlighting on / off									
Night Use on / off									
Adjust Contrast of Display 🔘 🔘 📖									
Handset Volume +					Inactivity seconds =				
Disabled Image: Seeps on / off Image: Seeps on / off Tones: Beeps on / off Image: Seeps on / off Image: Seeps on / off Economy Mode Control on / off Image: Seeps on / off Image: Seeps on / off One Touch Call (First Alpha Symbol) Image: Seeps on / off Image: Seeps on / off Fixed Selcall Sequence Image: Seeps on / off Image: Seeps on / off Preset Call #1 (Selcall) Image: Seeps on / off Image: Seeps on / off Preset Call #2 (Selcall) Image: Seeps on / off Image: Seeps on / off Nuisance Delete Image: Seeps on / off Image: Seeps on / off Repeater Access Tone Image: Seeps on / off Image: Seeps on / off Handset Mode on / off Image: Seeps on / off Image: Seeps on / off Ibashle Monitor Image: Seeps on / off Image: Seeps on / off Night Use on / off Image: Seeps on / off Image: Seeps on / off Night Use on / off Image: Seeps on / off Image: Seeps on / off Night Use on / off Image: Seeps on / off Imactivity seconds = ///image: Seeps on / off Alphanumeric Seeps on / off Imactivity seconds = ///image: Seeps on //image: Seeps on //im									

Alphanumeric Search

Type in the word you want. The radio will search and display the closest match.





When the word is displayed, you can also scroll the list

😥 Short press to delete the last character then a new search is made. Long press to delete all search characters. To exit search, long press once or twice.

Conventional Features

Backlighting

When you press a key, backlighting is turned on. It turns off after 1-10 seconds of no activity. Set via a function key.

Night Use mode

If on, the keypad backlighting is turned on when there is activity on the channel or if the keypad or selector is used. Turns off after 1 to 10 seconds of no activity. Set via the Menu.

Handset mode Speaker volume is reduced so that radio can be held near to the ear like a cellphone. Press PTT to talk, release PTT to listen.

Monitor mode 🔳 🕽 Listen to all traffic and all groups on a channel. Monitor mode automatically turns off after a preset time. It can be reset by the despatcher or when some types of calls are made. It can be configured to override Selcall (Selcall mute) or both Selcall and CTCSS/DCS.

Squelch Squelch allows reception of intellgible

signals that are above the factory-set signal threshold, thus reducing noise. Set via the Menu to city or country.

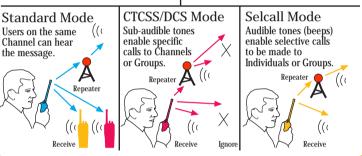
Squelch Override

This overrides the squelch feature so that all signals are made audible. This may improve the signal reception in marginal areas, but will likely increase noise. It cannot be activated when a scan group is selected. Set via a function key.

Nuisance Delete

If a Channel in a Scan group is busy for a long time and you do not want to listen to the conversation, you can temporarily remove it from the scanning regime using Nuisance Delete.

To apply Nuisance Delete to the currently selected Channel, press the function key (if configured). This will remove the currently selected Channel from the scanning regime. Select the Scan Group again to reset and remove Nuisance Delete.



Looking after your Radio

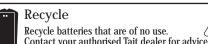
- u Your radio does not require routine maintenance. However, it is a sophisticated electronic device and should be treated with care.
- u Clean the radio, accessories and charger weekly using a clean dry lint-free cloth. When cleaning, do not use solvents, detergents, alcohol, aerosol sprays or petroleum-based products.
- L Clean the electrical contacts on the battery and charger weekly, using a clean dry Q-tip[™]/cotton bud.
- u Do not put the radio and accessories in fluids.
- u Do not drop the radio onto hard surfaces, place it down carefully.
- u Do not use if the radio, antenna or accessories are damaged.
- u Repairs and modifications must only be carried out by a Tait approved dealer.
- u Always have the D-Clip or protective cover installed to protect (A) the radio from dust ingress and electostatic discharges.

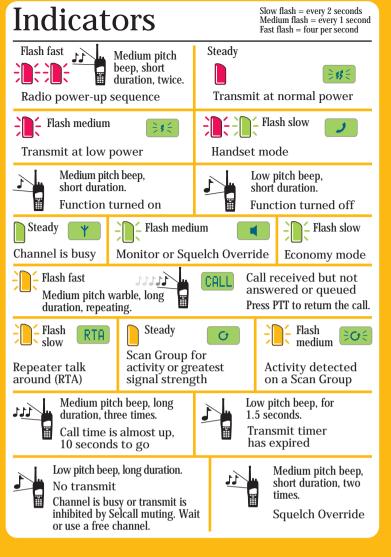
Performance

To maintain the optimum performance of the radio:

- u Use only the supplied antenna.
- u Use only the radio and accessories for their design purpose.
- u Use only accessories that are approved by Tait Electronics Ltd.
- u Avoid high temperatures. If the temperature exceeds 80°C (176°F) the radio will make two short high-pitched beeps and will not work. Temperatures above 90°C (194°F) cause permanent damage to the radio.
- To maintain the optimum performance of the battery:
- u Short condition the battery weekly.
- u Long condition the battery only for the following conditions: on first use, if performance is poor, and after more than two weeks of storage.
- u Turn the radio off when it is unattended for long periods.
- u Clean electrical contacts of the battery and charger weekly, using a clean dry Q-tip[™] /cotton bud.

u Use only Tait Orca 5000 series battery chargers with software version 2.07+.





Troubleshooting

- If the display is blank after turning on the radio and the radio turns itself off automatically after a few minutes, it is likely there is no power.
- Fast flash. Radio is incorrectly configured. Contact your authorised Tait dealer or your company administrator.
- Contact your authorised Tait dealer or your company administrator. ERROR XX

Slow flash. Low pitch beep, short duration, every 5 seconds. 2003 Battery is low. Charge

Checklist

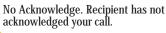
- u Is the radio turned on?
- u Is the correct channel selected?
- u Is the battery installed on the radio?
- u Is the battery charged?
- u Is the antenna damaged?
- u Is the battery charger working properly?

Call Information

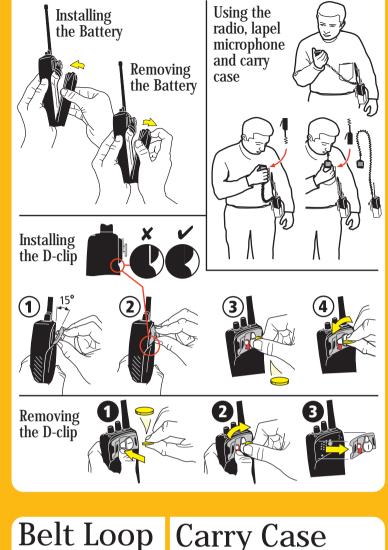
ACK RECEIVED STATUS 32

Acknowledgement and status received from recipient of call.

NO ACKNOWLEDGE



Accessory Use



Installing the

Radio and

1

Install

Radio

6

2

Install

Carry

Case

the

ÂÌ

Carry Case

Removing the Radio

Slide the Carry

Case upwards

Rotate

the Carry

Case by

degrees

1

ÂÌ

18Ŏ

and Carry Case

2

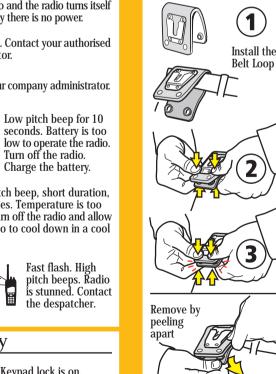
Unfasten

the Clip and

remove the

Radio

3

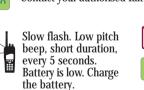


microphone



Enter Security PIN code ENTER using keypad (personal CODE identification number).





low to operate the radio. Ň Turn off the radio. Charge the battery.

High pitch beep, short duration, two times. Temperature is too high. Turn off the radio and allow the radio to cool down in a cool nlace

> Fast flash, High pitch beeps. Radio is stunned. Contact

Security





Safety Precautions

FCC RF Exposure Limits

This product generates radio frequency energy during transmissions. It is classified by the FCC as suitable for general population use in an uncontrolled exposure environment. The following conditions apply to the use of this radio



- u It must only be used with authorised accessories and antennas
- u Do not exceed a duty cycle ratio of 20% transmit mode to stand-by or receive modes. The radio is in transmit mode when the PTT key on the radio is pressed and the TX indicator LED is lit

Additional Safety Precautions:

- u When transmitting, hold the radio microphone 25–50mm (1–2 inches) from your mouth
- u When transmitting, keep the antenna at least 25mm (1 inch) from any part of your body, especially your face and eyes.
- u Turn off the radio where radio waves could interfere with electronic devices.
- u Turn off the radio at fuel/gas stations.
- u Turn off the radio in an area where detonators/explosives are being used.
- u Turn off the radio before boarding/leaving an aircraft and whilst on board an aircraft. u Do not use the radio whilst driving vehicles or operating machinery.
- u Do not use earphones or headsets at high volume levels.
- u Do not transmit in frequency bands that are reserved for use by distress beacons, such as 406 to 406.1 MHz.
- u Do not put the radio, battery or accessories in liquids as they will be damaged.
- u Do not allow children to play with the radio; it is not a toy.

Hazardous Atmospheres

A hazardous atmosphere has the potential for fire or explosion from dusts, gases, liquids and solids. Make sure of the following in hazardous atmospheres:

- u Turn off the radio, unless the radio is qualified for use in hazardous atmospheres.
- u Do not replace batteries, even if the radio is qualified for use in hazardous atmospheres.
- u Do not use damaged radios. If the radio was originally qualified for use in such environments, the radio is not qualified if it has a cracked casing.
- u Do not modify the configuration of a radio that is qualified as intrinsically safe for use in hazardous atmospheres. If you do, it will not be qualified.

Electromagnetic Interference

Turn off your radio where radio waves could interfere with electronic devices. Some facilities use equipment that is sensitive to Electromagnetic Interference such as: hospitals, medical centres, aircraft and some industrial facilities. Only use your radio in these situations if the radio is qualified for use in such areas