

Rugged • Flexible • Dependable

Tait Orca 5000 portables

The Tait Orca 5000 series of rugged, flexible and dependable radios is packed with advanced features to meet all your portable communications needs.

- Exceeds Military Standards for robustness •
- Three power output levels •
- Three economy modes to prolong battery life •
- Programmable channel spacing •
(12.5kHz, 20kHz, 25kHz)
- Repeater Talkaround for back-to-back •
communications
- Telephone handset operation •



Conventional radios

Tait Orca 5010: 16 channels

The Tait Orca 5010 is an easy-to-use, rugged and reliable conventional radio, with solid casing and robust channel and volume knobs, meaning it can take the hard knocks.

Advanced Signalling

Selective calling, DCS and CTCSS signalling are all standard features of the Tait Orca 5010.

Channel Scanning and Voting

With priority scanning, you will never miss a call. The voting feature ensures that your Tait Orca 5010 automatically selects the strongest channel to make sure your call gets through.

Emergency Mode

Send an emergency signal to a pre-defined person or group of people, giving you added security and safety in potentially dangerous situations.

Nuisance Delete

To avoid nuisance traffic you can temporarily delete busy channels from your scan group at any time.

Tait Orca 5018: 100 channels

Tait Orca 5020: 350 channels

The Tait Orca 5018 and 5020 provide all the benefits of the Tait Orca 5010 and many more. These radios are robust and stylish, with all the high performance features you need in a conventional radio, right at your fingertips.

Easy-to-Use Menu System

The Tait Orca 5018 and 5020 are the ultimate user-friendly radios. Customise them at any time by selecting your own features for the menu – these include display backlighting and modes such as handset, economy and selective calling.

Alphanumeric Keypad

The 5020 offers a simple-to-use keypad that enables full alphanumeric dialling. Features include a keypad lock to prevent you from unintentionally placing a call, and a personal security pin that prevents unauthorised use of your radio.

Advanced Display Functions

The backlit alphanumeric display on 5018 and 5020 radios means you can clearly view messages and information, day or night. Select indicators for modes and functions such as DTMF, handset, scanning, transmit power and battery capacity.

Lone Worker

When working in isolation, your welfare is critical. The Lone Worker emergency activation feature gives you the confidence that your safety is constantly being monitored.

Short Data Messages

Program the 5018 to receive, and the 5020 to send and receive short data messages of up to 32 characters, providing fast confirmation of information.

Channel Signalling

The Tait Orca 5018 and 5020 offers advanced selective calling (Selcall) capabilities as well as CTCSS and DCS.

Selcall allows you to call an individual or an entire group, and also provides important features such as caller identity display, priority status calls and remote stun and revive.

Call Queuing

The Tait Orca 5018 and 5020 can queue up to 15 calls for future reference and call back.

Status Messaging

You can quickly and easily indicate your current status by selecting from a pre-defined list of messages (eg. On route, job completed, etc).

Scan Groups

Configure your radio to scan specific groups for traffic – no need to scan all channels and groups unnecessarily.

MPT 1327 trunked radios

Tait Orca 5030: No display or keypad

Tait Orca 5035: Full display, limited keypad

With pre-set calls for simple operation, the Tait Orca 5030 and 5035 are rugged, intelligent trunked portables for advanced voice communications.

Comprehensive Signalling

The Tait Orca 5030 and 5035 have the fully compliant MPT 1327 package which includes MPT 1343, ANN system and CPSX dialling.

Smart Power Saving

Battery life is prolonged by intelligent power saving functions such as Dynamic Power Control and Low Power Transmit.

Extensive Calling Options

The Tait Orca 5030 and 5035 offer a wide range of calling options such as individual, emergency, group, broadcast, status, PSTN/PABX, and interfleet calls.

Remote Stun and Revive

The radios can be stunned and revived over the air at any time if lost or stolen.

Dynamic Regrouping

This allows the despatcher to temporarily regroup users in the field at any time – ideal for fast-changing work situations.

Multiple Networks

The Tait Orca 5035 can change networks while in the field – no need to re-program your radio.

Advanced Display Functions

The 5035's backlit alphanumeric display means you can clearly view messages and information, day or night. Select indicators for modes and functions such as DTMF, handset, transmit power and battery capacity.

Alphanumeric Preset Calls

The Tait Orca 5035 can be programmed with up to 100 alphanumeric presets, including 16 assigned to the selector knob.

Tait Orca 5040: Full display and keypad

The Tait Orca 5040 is a high-performing, easy-to-use trunked portable radio that provides all the features of the 5030 and 5035, as well as more advanced functionality.

Easy-to-Use Menu System

You can customise the Tait Orca 5040 by selecting your own features for the menu – these include display backlighting as well as handset and economy modes.

Alphanumeric Keypad

The 5040 offers a simple-to-use keypad that enables full alphanumeric dialling. Features include a keypad lock that prevents you from unintentionally placing a call, and a personal security pin that prevents unauthorised use of your radio.

Call Queuing

The Tait Orca 5040 can queue up to 20 calls for future reference and call back.

Conventional Mode

You can operate the 5040 in conventional mode if you're out of range of the trunked network or need access to a conventional network. Access up to 10 conventional channels, each programmable with CTCSS and the monitor function.





Tait Orca 5000 series specifications

		5010	5020	5030	5035	5040
Number of Channels	16	100	350	n/a	n/a	n/a
Number of Conventional Channels (MPT 1327 Trunked mode only)				10	10	10
Programmable Function Buttons	2	3	3	2	3	3
Handset Operations	•	•	•	•	•	•
Keypad Lock		•	•		•	•
Battery Charge Indicator		•	•		•	•
Menu System		•	•		•	•
One Touch Call	•	•	•	•	•	•
Monitor Function	•	•	•	•	•	•
Selective Calling	•	•	•			
Scanning & Voting	•	•	•			
Repeater Talkaround	•	•	•	•	•	•
Call Queuing		•	•		•	•
Emergency Mode		•	••	•	•	•
Power Saving Modes	•	•	•	•	•	•
Remote Stun & Revive	•	•	•	•	•	•
Send & Receive Short Messages		•	•		•	•
Data Capability (CCDI)	•	•	•	•	•	•
PSTN & PABX Calls				•	•	•
MPT 1327 Signalling Standards	n/a	n/a	n/a	•	•	•
Alpha Status Calls		•	•			
Multiple Networks					•	•
Models	Orca 5010, 5018, 5020, 5030, 5035, 5040					
Frequency Ranges	66–88MHz 136–174MHz 174–225MHz 336–400MHz 400–470MHz 450–530MHz					
Channel Spacing	12.5kHz, 20kHz, 25kHz					
Transmitter Power	1W, 2.5W, 5W, VHF 1W, 2.5W, 4W, UHF 1W, 2W, 3W 800/900MHz					
Operating Temperature	-30°C to +60°C (-22°F to +140°F) @ 100% duty cycle					

Environmental Standards

Standard - MIL-STD-810 F*	Method	Procedure
High Temperature	501.3	2
Low Temperature	502.3	1
Humidity	507.3	3
Blowing/Dripping Rain	506.3	1, 2
Blowing Dust	510.3	1
Vibration	514.4	1
Shock	516.4	1
Salt Fog	509.3	1

* Also meets equivalent MIL-STD C, D & E standards.

Battery Options**

Battery Type	mAh
TOPB200 NiCd, belt clip compatible	1500 mAh
TOPB400 NiMH, belt clip compatible	1500 mAh
TOPB500 NiMH, belt clip compatible	2000 mAh
TOPB800 NiMH, belt clip compatible	2300 mAh

** To find out the most appropriate battery for your application, please consult your Tait dealer.

Your Distributor/Dealer:



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