



# Orca 5000

SPECIFICATIONS



TOP5010/30

TOP5035

TOP5020/40

## ORCA 5000 TRUNKED AND CONVENTIONAL PORTABLES

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

### Rugged, flexible and dependable

- Exceeds Military Standards for robustness
- Three power output levels
- Three economy modes to prolong battery life
- Programmable channel spacing
- Repeater talkaround for back-to-back communications
- Telephone handset operation

### Rugged portable radios

Tait Orca 5000 series portable radios are some of the most rugged radios on the market, and have gained a strong reputation for high quality and reliability among customers throughout the world.

### Conventional and Trunked

Both conventional and trunked portable radio models are available. Trunked models have fully compliant MPT 1327 signaling package.

### Extensive array of features

A vast range of features including advanced signaling capabilities, channel scanning and adjustable power levels.

### Large range of accessories

Complement your Tait radio with a range of high performance accessories.

### Intrinsically Safe

Intrinsically safe portables are an option in the Orca range, ideal for use in potentially hazardous environments.

### Secure voice

Optional encryption capabilities can be incorporated to suit your organization's specific security needs.

# Orca 5000 Specifications

## General

Frequency Range	<b>VHF</b> 66-88MHz 136-174MHz 174-225MHz	<b>UHF</b> 336-400MHz 400-470MHz 450-530MHz	<b>800/900MHz</b> 806-870MHz 896-941MHz
Channel Spacing	12.5kHz, 20kHz, 25kHz		
Signalling Format	CTCSS/DCS, Selcall		
Conventional	MPT 1327 (including MPT 1343, ANN system and CPSX dialing)		
Trunked	<b>Conventional</b>		
Presets	TOP5010	16 channels	
	TOP5020	350 channels	
	<b>Trunked</b>		
	TOP5030	16 (one network)	
	TOP5035	100 alphanumeric presets (per network)	
	TOP5040	100 alphanumeric presets (per network)	
Operational Temperature	-22° to 140°F (-30° to 60°C) @ 100% duty cycle		
Sealing	IP54		

## Military Standards 810 F\*

Applicable MIL-STD	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\* ALSO MEETS EQUIVALENT SUPERSEDED MIL-STD 810 C, D, AND E

## Options

### Battery type

- 1500mAh NiMH, belt clip compatible
- 2000mAh NiMH, belt clip compatible
- 2300mAh NiMH, belt clip compatible
- 2000mAh NiMH, belt clip compatible Intrinsically Safe\*\*

### Additional options

- Intrinsically Safe
- Encryption Options Board

\*\*Must be used on an Intrinsically Safe Orca 5000 portable and is Factory Mutual approved. Please see the Orca 5000 Intrinsically Safe Specification Sheet for details.



TOP5010/30 TOP5035 TOP5020/40



ISO 9001  
ISO 14001



Tait is your complete supplier of radio communications equipment offering mobile, portable and infrastructure solutions. Tait is renowned for its flexibility, responsiveness and commitment to producing innovative world-class mobile radio communication products.

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. Please note that not all frequency bands and power outputs are available in all markets.

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