



TAIT Radio Communications

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GENERAL SPECIFICATIONS

Benefit	Orca 5030	Orca 5035	Orca 5040
Number of Presets (non-Alphanumeric)	16	100	100
Number of Presets (Alphanumeric)	10	10	10
Number of Conventional Channels	2	3	3
Programmable Function Buttons	•	•	•
Handset Operation	•	•	•
Keypad Lock	•	•	•
Battery Charge Indicator	•	•	•
Menu System	•	•	•
DTMF Overdialling	•	•	•
Call Queuing (20 calls)	•	•	•
Emergency Mode	•	•	•
Power Saving Modes	•	•	•
Remote Stun and Revoice	•	•	•
PSTN & PABX Calls	•	•	•
MPT 1327 Signalling Standards	•	•	•
Alpha Status Calls	•	•	•
Multiple Networks	•	•	•
Receive Short Data Messages	•	•	•
One Touch Call	•	•	•
Monitor Function	•	•	•

Channel Spacing
12.5 KHz
20 KHz
25 KHz

Operating Temperature Range
-30°C to +60°C
-20°C to +60°C, 66-88MHz
25 KHz

Frequency Ranges
66-88 MHz
136-174 MHz
174-225 MHz
336-400 MHz
400-470 MHz
450-530 MHz
806-870 MHz Tx
851-870 MHz Rx
896-941 MHz Tx
935-941 MHz Rx

Accessories
D-Clip
Belt Clips
Speaker Microphones
Palm and Lapel Microphones
Headsets
Desktop Charger
6-Way Multi-charger
Leather Carry Cases
Universal Accessory Interface
Full Car Kit
Environmental
MIL-STD C, D, E
IP54

Transmitter Power
1, 2.5, 5 VHF
1, 2.5, 4 UHF
1, 2, 3 800/900MHz

Battery Options*

Battery Type
TOPB100 NiCD fits belt clip
TOPB200 NiCD fits belt clip
TOPB400 NiMH fits belt clip
TOPB500 NiMH fits belt clip
TOPB600 NiCD Slimline
TOPB700 NiCD Slimline

Typical Shift Life (hours)

6.5
8.5
8
11
6.5
8

*Typical battery shift life based on 5.5/9.0 duty cycle for a new conditioned battery pack at 25°C to select the battery for your application, please consult your Tait Dealer.

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. For further information please check with your nearest Tait office or authorised dealer. For full details of Technical Specifications consult the service manual, or request a copy of the Technical Specifications. TAIT Electronics Ltd is an ISO 9001 registered supplier. Certificate No.461.

TAIT Authorised Dealer

ACCESSORIES



Desktop Charger



6-Way Multi-Charger



Antennas & D-Clip



Leather Carry Cases



Speaker Microphones



Full Car Kit

For a full range of Accessories, please refer to the Tait Orca Accessories brochure (BOP403-01).



5000 SERIES TRUNKED ● TAIT ORCA



THE TAIT ORCA 5000
SERIES OF POWERFUL,
SOPHISTICATED PORTABLE
RADIOS ARE ESSENTIAL
FOR ORGANISATIONS
SERIOUS ABOUT MOBILE
COMMUNICATIONS.

COMPLETING YOUR SOLUTION



TRUNKED





● **TAIT ORCA 5030**
● **TAIT ORCA 5035**
● **TRUNKED**

The Tait Orca 5030/5035 is a rugged, intelligent trunked radio providing you with advanced voice communications.

Ease of Use

The Tait Orca 5030/5035 has been designed for ease of use. Its sleek shape is moulded for your hand, with convenient access to the PTT. The programmable buttons provide quick access to your most frequently used functions.

Signalling

The Tait Orca 5030/5035 has the fully compliant MPT 1327 signalling package which includes MPT 1343, PA 2424, ANN system and LMS dialling, and the calling of predetermined numbers.

Smart Power Saving

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

Call Options

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

Remote Stun and Revive

The Tait Orca 5000 series of radios can be stunned and revived over the air at any time if lost or stolen.

Dynamic Regrouping

This allows for temporary regrouping of users in the field by the dispatcher at any time.

Multiple Networks

While in the field you can change networks without having to re-program your radio.



User Information*
A clear 2 x 12 character, backlit display features a battery status indicator, received signal strength indicator and provides automatic caller identification.

Alphanumeric Preset Calls*
The Tait Orca 5035 can be programmed with up to 100 alphanumeric preset, including 16 assigned to the selector knob.

*Tait Orca 5035 only

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● **TRUNKED**

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"ORCA ARE MASTERS OF THEIR ENVIRONMENT. NOTHING HAS THE POWER, INTELLIGENCE OR SOPHISTICATED COMMUNICATIONS TO SURVIVE SO COMPLETELY"



● **TAIT ORCA 5040**
● **TRUNKED**

"THE POWER, STRENGTH AND SEEMINGLY EFFORTLESS AGILITY OF THE ORCA PUTS IT IN A CLASS OF ITS OWN"



The Tait Orca 5040 trunked radio is in a class of its own. This rugged, sleek radio is packed with all the features you need in a high performing trunked portable radio.

Easy to Use Menu System

The ultimate in a user friendly radio, the Tait Orca 5040 is designed to meet the demands of business today. Selected features may be placed on the menu enabling you to customise the Tait Orca 5040 at any time. Some of the features include display backlighting, handset mode and DTMF mode.

Scrolling and Function Keys

The two scrolling keys allow you to easily move through the menu system. The additional function key can be programmed with two functions of your choice, or you can select between the three most commonly used menu items.

Full Keypad and Display

A simple to use keypad enables full

alphanumeric dialling. A keypad lock prevents mistaken use and a personal security pin prevents unauthorised use. The backlit alphanumeric display supports single and double height characters. Other indicators inform you about modes of operation (eg. DTMF, Handset) and also queued calls and transmit power. A battery status indicator tells you the capacity remaining in your battery. The radio also displays the received signal strength in an eight bar display.

Call Queuing

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

Conventional Mode

When you are out of range of the trunking network or want to access a conventional radio network, the radio can be put into conventional mode. You can access up to 10 channels, each programmable with CTCSS and the monitor function.

