

• Durable • Powerful • Dependable

**Tait Orca 5000** intrinsically safe

The Tait Orca 5000 series of sophisticated portable radios are essential for organisations serious about mobile communications.

For greater safety in hazardous locations, the Intrinsically Safe Tait Orca 5000 portables are available with Factory Mutual United States classifications.\*



\* Outside of United States, ensure your use of the Tait IS portable in your work environment does not breach your local regulations

## FM Approved Tait Orca 5000 specifications

### IS, Class I, Division 1, Groups C, D, T3C

IS	Intrinsically safe
Class 1	Gas/petroleum environment
Division 1	Flammable material present continuously
Groups C, D	Gas/vapours of ethylene and propane
T3C	Temperature rating 160° C (320° F)



### NI, Class I, Division 2, Groups A, B, C, D, T3C

NI	Non-Incendive
Class 1	Gas/petroleum environment
Division 2	Flammable material present abnormally or intermittently
Groups A,B,C,D	Gas/vapours of acetylene, hydrogen, ethylene and propane
T3C	Temperature rating 160° C (320° F)

Factory Mutual Approval means these radios are certified for use in hazardous environments in United States. In other countries, ensure your use of the Tait IS portable in your work environment does not breach your local regulations.

Models	Frequency Ranges
Orca 5010	66-88 MHz
Orca 5011	136 - 174 MHz
Orca 5020	174 - 225 MHz
Orca 5021	336 - 400 MHz
Orca 5030	400 - 470 MHz
Orca 5035	450 - 530 MHz
Orca 5035	806 - 870 MHz Tx
Orca 5040	851 - 870 MHz Rx, 841 - 896 MHz Tx, 935 - 941 MHz Rx

**Channel Spacing** 7.5 kHz, 12.5 kHz, 20 kHz, 25 kHz

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

**Operating Temperature Range** -30°C to +60°C (-22°F to +140°F)  
-20°C to +60°C (-4°F to +140°F) 66-88 MHz

**FM Approved Accessories** TOPA-AA-001 Speaker Microphone  
TOPA-AA-003 Rugged Speaker Microphone  
TOPA-AA-004 Rugged RF Speaker Microphone  
TOPA-AA-012 Headset (over-head) with N/C Microphone  
TOPA-AA-013 Headset (behind-head) with N/C Microphone  
TOPA-AA-005 7.5mm (0.30") Accessory Connector  
T952-051 Earphone Kit (for speaker microphones)



A full range of FM Approved Accessories is also available. Contact your nearest dealer for further details.

**Environmental** MIL-STD 810 C, D, E. High/Low Temperature, Humidity, Blowing/Dripping Rain, Blowing Dust, Vibration Shock, Salt Fog, Transit Drop  
Protection to IP54 (AS1939-1990)

**Battery Options†** TOPB200-IF IS NiCd, belt clip compatible  
TOPB500-IF 2000mAh NiMH IS

**Servicing** These radios can be serviced only at FM approved service centres. Contact your local dealer.

† Typical shift life may be reduced by up to 10% compared to operation with a standard NiCd battery

Authorised Dealer



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

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.

Tait Electronics Ltd is an ISO9001: 2000 and ISO 14001: 1996 certified supplier.