



**APPROVED**



# TAIT

## Radio Communications

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### GENERAL SPECIFICATIONS

#### Factory Mutual Approved



#### 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

#### 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

#### FM Approved Tait Orca 5000

Models	Frequency Ranges	Channel Spacing	Transmitter Power
Orca 5010	66-88 MHz	7.5 kHz	
Orca 5011	136 -174 MHz	12.5 kHz	
Orca 5020	174 - 225 MHz	20 kHz	
Orca 5021	336 - 400 MHz	25 kHz	
Orca 5030	400 - 470 MHz		
Orca 5035	450 - 530 MHz		1, 2.5, 5 VHF
Orca 5040	806 - 870 MHz Tx		1, 2.5, 4 UHF
	851 - 870 MHz Rx		1, 2, 3 800/900 MHz
	896 - 841 MHz Tx		
	935 - 941 MHz Rx		

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

#### FM Approved Accessories

- 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 Accessory connector
- T952-051 Earphone Kit (for speaker microphones)

#### 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

\*\*Typical shift life may be reduced by up to 15% compared to operation with a standard NiCd battery

#### Servicing

The radios can be serviced only at FM approved service centres. Contact your local 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 authorized 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



TOPA-AA-003  
-30°C / +60°C  
MIL-STD-810E  
1 Programmable  
Function Button  
2.5mm Earphone  
Jack, Hi/Lo Volume  
Tait Orca 5000  
Connector

TOPA-AA-004\*

-30°C / +60°C  
MIL-STD-810E  
1 Programmable  
Function Button  
2.5mm Earphone  
Jack, Hi/Lo Volume  
Tait Orca 5000  
Connector  
\*Antenna not  
included



T952-051  
Earphone Kit with coil cord & 2.5mm  
plug for use with TOPA-AA-003 and  
TOPA-AA-004



TOPA-AA-013\*  
Behind-the-Head Headset with Noise  
Cancelling Boom Mic & in-line PTT  
\*Requires TOPA-AA-005 adaptor



TOPA-AA-012\*  
Over-the-Head Headset with Noise  
Canceling Boom Mic & in-line PTT  
\*Requires TOPA-AA-005 adaptor



TOPA-AA-005  
7.5mm Accessory Adaptor