

TECHNICAL DATASHEET

SABRECOM 2 TRADITIONAL - RADIO COMMUNICATIONS INTERFACE



DESCRIPTION

Sabrecom is a unique radio communications interface that fully integrates with your choice of Scott facemask. Available as a complete communications solution on the Vision 3, Vision AMS, Promask, PanaSeal and PanaVisor facemasks, Sabrecom is approved to EN136 Class III.

The advantage of the Sabrecom 2 communications system is that it can be fully integrated with the facemask and is approved to meet all tests for flame and heat resistance, plus IP67 rating for water and dust penetration as well as being intrinsically safe to Ex iaIIC T4 (radio dependant).

This system has a large push to talk button assembly with two PTT buttons which can be used independantly as a lapel mic to enable the comms to be used when a BA facemask isn't being worn. The facemask interface is simply plugged into the PTT via a robust jack plug connector. This allows the system to be used when a BA set is not being worn and it can also be used with other types of RPE.

The primary headset is the facemask mounted interface which allows intergration with the full range of Scott facemasks. The microphone is positioned for optimum speech clarity, on the inside of the facemask. This provides excellent speech reproduction in high ambient noise atmospheres and has been tested above 100dBA. The flexible boom earphone can be positioned for wearer preference and even fits inside close fitting helmets.

The communications interface is connected to the mask via a simple bayonet mechanism with locking catch to provide security and yet is easily removed for cleaning.

The PTT has a radio adaptor hardwired into it and this adaptor is generally specific to the type of radio or range of radios that it is to be connected to. The radio that the unit is to be used with should therefore be specified at the time of ordering.

TECHNICAL DATASHEET

APPROVALS

Intrinsically Safe ATEX Approved (radio dependant).

Approved to EN136 Class III

CE marked in accordance with EN137:2006

IP67 Rating for water resistance and dust penetration

MATERIALS

SabreCom Casing

Glass filled Polyacetal and Polyamide

MAINTENANCE/ SERVICE/ CLEANING

N.B. - Cleaning should only be carried out as specified in the user instructions. Maintenance and Servicing must only be performed by trained personnel following the procedures in the Service and Maintenance manual.

COMPATIBILITY

SabreCom works in tandem with any of the radios below. Other adaptors are available upon request.

MATERIALS

Part Number	Manufacturer	Radio Type
Push to Talk Button (Head top to be ordered separately)		
2021434	Motorola	GP900,1200,3600,HT1000,1100,JT1000,MT2000,2100,MTS2000,MTX838, 2000, 8000, 9000,PTX1200,3600Transcript Stealth, XTS-3000,MT6000E
2021432	Kenwood	TK208,220,240,248,250,260,270,308,320,340,348,350,353,360,361,370,430,431, TH-21,22E,25A,41,45,75,91A,ATE
2021438	Maxon	Maxon SL55
2021436	Motorola	HT-600, HT-800,MT-1000, MT-300, P-2000,MTX-800,810,820,900,900S
2021437	Motorola	Astro, Saber, MX1000
2021433	Motorola	GP-318,320,328,338,340,360,380,640,680,1280, HT-750,1250,1550
2021439	Entel	Entel HT980 T3
2021444	Tait	Tait 5000
2021449	Tait	Tait TP9155
2021440	Entel	Entel HT980 T4
2021455	Motorola	Motorola GP344, 388, 644, 688
2021441	Icom	Icom IC-F25
2021442	Icom	Icom IC-F61
2021446	EADS	EADS TPH7000
2021450	Motorola	Motorola DP3400/1
2021452	Motorola	Motorola XTR446
2021447	Motorola	Motorola MTM 800 E
2021448	Motorola	Motorola MTP850
2021451	Seoura	Seoura STP8000
2023384	Entel	Entel HT 983
2023387	Vertex	Vertex std VX414

TECHNICAL DATASHEET

HEAD TOP OPTIONS

Part Number	Description
2021459	Quick Fit facemask interface
2021467	Light weight behind head headset
2021468	Ultra light weight behind head headset
2021465	Heavy Duty headset single sided
2021466	Heavy Duty headset double sided
2021460	Talon throat mic (to be used with a speaker below)
2021461	Over ear speaker
2021464	Universal speaker
2021463	Tactical speaker
2021462	Behind ear speaker
Accessories	
2021478	Remote PTT Switch - Ring
2021477	Remote PTT Switch - Velcro
2021476	Accessory Bag
2021472	Speaker pouch



Light weight behind head headset



Talon Throat mic and behind ear speaker



Ultra Light weight behind head headset



PTT assembly with radio adaptor



Heavy Duty headset - Double sided



Ruggedised connector