

# TECHNICAL DATASHEET

## *SABRECOM 2 LAPEL MIC STYLE - 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) |              |   |
| 2023366   | Motorola     | GP900, HT1000, MTS2000, GP900, 1200, 3600. HT1000, 1100, JT1000, MT2000, 2100, MTS2000, MTX838, 2000, 8000, 9000, PTX1200, 3600 Transcript Stealth, XTS-3000, MT6000E |
| 2023381   | Motorola     | MTM800E   |
| 2023382   | Motorola     | MTP850  |
| 2023375   | Motorola     | GP344, 388, 644, 640  |
| 2023369   | Motorola     | HT600, HT800, MT1000, HT-600, HT-800, MT-1000, MT-300, P-2000, MTX-800, 810, 820, 900, 900S   |
| 2023370   | Motorola     | MX1000, Astro, Saber, MX1000  |
| 2022906   | Motorola     | GP320, GP340, GP360, GP640, GP-318, 320, 328, 338, 360, 380, 640, 680, 1280, HT-750, 1250,1550  |
| 2023380   | Motorola     | XTR446  |
| 2023378   | Motorola     | DP3400/1  |
| 2023372   | Tait         | Tait 5000   |
| 2023373   | Tait         | TP9155  |
| 2023376   | Icom         | IC-F25  |
| 2023377   | Icom         | IC-F60/F61  |
| 2023367   | Kenwood      | TK350, 320, 340, 360, 370, TK-208, 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         |
| 2023368   | Maxon        | SL55  |
| 2023385   | Sepura       | STP8000   |
| 2023386   | Vertex       | VX414   |
| Head Top Options  |              |   |
| 2022907   |              | Quick Fit facemask interface  |

# TECHNICAL DATASHEET



***FACEMASK INTERFACE***



***PTT ASSEMBLY***



***JACK PLUG***



***CONNECTION INTO PTT***