

ATEX Accessories for MOTOROLA DP4000EX-ATEX Series
Equipment for fire-fighter communication on-board according to
SOLAS regulation II-2/10 and MED 5.20 regulation

The following equipment fits for: MOTOROLA DP4401EX and MOTOROLA DP4801EX.

Option 1 - Savox HC-1



Details on SAVOX C-C440:

The SAVOX C-C440 com-control unit is a push-to-talk unit designed for use with your two-way radio in demanding environments. It offers easy and reliable communication for professionals requiring durable equipment when operating in harsh conditions, and is ideal for those who need to communicate hands-free and/or with their radio secured underneath protective clothing. With a headset it provides a hands-free way to stay connected with your team and ensure the efficiency and safety of your operations. Rugged to IP67 and available as an ATEX version. Ex variants can be recognized by their different PTT button color (dark blue).

Details on SAVOX HC-1:

The SAVOX original HC-1 is a compact helmet communication system (helmet-com®) for professionals working in hazardous conditions. It easily mounts into most helmet types and provides clear and hands-free communication.

Key Benefits

- Dirt protected (IP56)
- Bone conductive microphone located inside the helmet
- Stays clean and intact compared to a boom microphone
- Speech is picked up through the skull, therefore can be used with or without a face mask
- Includes separate speaker adapters for MSA Gallet helmets
- Unique fastening strap that easily mounts into most types of helmets

Technical Details of SAVOX HC-1:

Market Segment	Public Safety	Storage Temperature Min	-25 °C (-13 °F)
Housing Colour	Black	Storage Temperature Max	85 °C (185 °F)
Weight	91 g	Microphone Type	Dynamic, vibration sensitive
Options	Gallet fixing adapters included	Headset Connector	QR4 male
Operational Temperature Min	-25 °C (-13 °F)	Connectivity	Wired
Operational Temperature Max	85 °C (185 °F)	Cable Type	Coiled
Ingress Protection	IP54	Ex/IS	ATEX / IECEx
Attachment/Fastening	Helmet mount	Emergency Button	No
		Attachment/Fastening	Helmet mount

Option 2 – SAVOX TC-1



Details on SAVOX C-C440:

The SAVOX C-C440 com-control unit is a push-to-talk unit designed for use with your two-way radio in demanding environments. It offers easy and reliable communication for professionals requiring durable equipment when operating in harsh conditions, and is ideal for those who need to communicate hands-free and/or with their radio secured underneath protective clothing. With a headset it provides a hands-free way to stay connected with your team and ensure the efficiency and safety of your operations. Rugged to IP67 and available as an ATEX version. Ex variants can be recognized by their different PTT button color (dark blue).

Key Benefits:

- Versatile
- Comfortable and sensitive throat microphone
- Can be worn with or without helmet, with protective suits, mask unit, and hoods when boom microphone headset is not practical for wear
- Enables exceptional performance in high noise environments including whispered communication
- Flexible, washable fabric neck band

- Adapts to Savox Classic PTTs and RSMs
- D-shape speaker provides comfort for extended wear

Technical Details of SAVOX TC-1:

Market Segment	Public Safety	Housing Colour	Black
Housing Material	Plastic	Operational Temperature Min	- 25 °C (-13 °F)
Weight (text)	86 g	Storage Temperature Min	- 25 °C (-13 °F)
Operational Temperature Max	63 °C (145 °F)	Microphone Type	Dynamic, vibration sensitive, 6500 Ohm
Storage Temperature Max	63 °C (145 °F)	Connectivity	Wired
Headset Connector	QR4 male	Emergency Button	No
Cable Type	Coiled	Attachment/Fastening	Neck band

ALTERNATIVE - Option 3 – MOTOROLA / 3M PELTOR HEADSET



Details on MOTOROLA PMMN4094 (REMOTE SPEAKER MIC):

This RSM features IMPRES technology, providing superior audio by suppressing ambient noise, improving voice intelligibility and amplifying quiet transmissions.

The Active Noise Cancelling (ANC) RSM lets you communicate clearly in harsh environments. Whether you are in a noisy oil refinery or in the midst of fighting a fire, you can't afford to lose seconds struggling to get your message through. The ANC RSM has been designed to withstand the toughest environments while providing clear communications.

Communicate clearly in difficult weather with this Remote Speaker Microphone featuring Windporting technology. Windporting eliminates the whining and howling sounds of wind blowing across your remote speaker microphone while preventing water from clogging the microphone, resulting in clearer transmissions.

Built to survive, this RSM is approved to IP67 meaning it can withstand immersion for at least 30 minutes and is completely dust-tight.

The ANC RSM is equipped with two audio jacks. The 3.5 mm RSM supports a discreet, receive-only earpiece with a clear comfort eartube. The Nexus-jack has an open ATEX/IECEX interface, enabling third-party headsets with compatible interfaces such as the Draeger FPS-Com-Plus to be used safely.

Details on MOTOROLA PMLN6803 (JUST PTT-Button):

For use with Peltor™ headsets as an alternative to the ANC RSM. Attaches directly to the side connector of the MTP8000Ex Series radios. Compatible with Peltor Headsets PMLN6087, PMLN6092, PMLN6333, PMLN6090 and PMLN6089. PMLN6333

Details on MOTOROLA PMLN6333:

Twin cup heavy-duty headset with helmet attachment offers two layers of hearing protection with extra high-attenuating twin shells, preventing you from having to wear both earplugs and hearing protection, which still receiving critical radio communication. ATEX certified for extreme conditions and comfortable for long shifts.

WHERE AND HOW TO BUY:

Please contact FELLECS-TECH for a quote to suit your requirements.

E-Mail: inbox@fellecs-tech.com / Phone: +49 40 707 00 98 – 0

Hamburg, Germany

Frequently asked questions:

1. What would we recommend?

In terms of customer feedback and pricing, we can currently strongly recommend option 1 and 2 with the SAVOX headsets. Users are very satisfied with the solution.

2. What is the delivery time?

The delivery time varies, but usually, we have the items ready for you in stock. Please request a quote for this.