



Intrinsically safe headsets – Ex-TRA 300

The Ex-TRA 300 headsets are a new series of explosion-protected headsets for use under extreme conditions. The products have been developed in conjunction with demanding users and subjected to rigorous examination. We are therefore sure that the headsets will fulfil your requirements for industrial capability and reliability.



too loud a noise level. Soft sealing rings and gentle contact pressure ensure high wearing comfort and high insulation values.

The Ex-TRA neckband headset can be easily worn with a helmet without being connected. The speaker is connected to the ear via a soft silicone sound tube, which prevents altering the natural amplification of the ear. The system thus enables clear vocal communication, even in noisy environments.

The Ex-TRA fire brigade headset has been optimally designed for communication between fire-fighters. The rugged design, the waterproof electret goose neck microphone and the splash-resistant transmit button ensure high performance. The universal communication unit can be easily adapted to all common fire-fighter helmets.















The headsets are available for the ecom radio units Ex-PMR 1000 and Ex-PMR 2000, as well as for the Motorola GP series and the THR880i Ex. All headsets are equipped with their own PTT button. The versions applicable for the digital TETRA radio standard have an integrated amplifier circuit. This also ensures clear, loud communication here as well.

Being heard in a noisy environment is very difficult. Without the right equipment it is virtually impossible to relay information and instructions to employees. The headset series from ecom has been specifically designed for these applications.

Furthermore, the Ex-TRA ear protection headset also protects against subsequent health damage, which can be caused by

Technical data:	
Ambient temperature Ta:	-20°C ... +50° C
Protection rating	IP 54
Sound insulation (ear protection headset only)	approx. 27 dB
Weight	approx. 520 g (ear protection headset, incl. PTT button)
	approx. 118 g (neckband headset, incl. PTT button)
	approx. 130 g (fire brigade headset, incl. PTT button)

Types and accessories for Headset Ex-TRA 300

<p>Type: Fire brigade headset</p> 	<p>Type: Neckband headset</p> 	<p>Type: Headset with helmet adaptor</p> 
<p>Accessories</p>  <p>Windscreen for microphone M995</p>	<p>Accessories</p>  <p>Windscreen for microphone M995</p>	
 <p>Adaptor for Fire brigade helmet, type on application</p>	 <p>Ear olive</p>	 <p>Ear pad</p>
<ul style="list-style-type: none"> • ATEX approved for Zone I • Different helmet adaptations possible • Hearing protection with extremely high insulation values • High wearing comfort thanks to perfect positioning and comfortable contact pressure • Available for ecom, Motorola and TETRA THR880i Ex radio units <p>Standard delivery:</p> <ul style="list-style-type: none"> • Ex-TRA 300 • Operating instructions <p>Ex-Data: Ex-designation: Ⓜ Ex II 2G Ex ia IIC T4 EC-Certificate of Conformity: ZELM 08 ATEX 0390 X</p>	 <p>Ear Mould</p>	 <p>Dam foam</p>
	 <p>Ear adaptor</p>	 <p>Frame pad / Nappa leather</p>
	 <p>Sound hose</p>	 <p>Helmet adaptor type on application</p>