

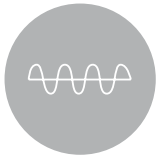


Ex-TRA 300 ANALOG

HEADSETS FOR ZONE 1



EX-TRA 300



in cooperation with

 Intradex

TECHNICAL DATA

Loudspeaker

Pattern	dynamic
Impedance	150 Ohm at 1 mW / 1 kHz
Sound pressure level	max. 115 dB
Frequency range	150 Hz - 12 kHz

Microphone

Pattern	electret
Directional	noise cancelling (NC)
Impedance	4.400 Ohm
Sensitivity	-44 dB V/Pa 1 kHz
Frequency range	300 Hz - 9 kHz

Additional data

Ambient temperature	-20°C to +50°C
Protection class	IP54
Weight	approx. 520 g
Noise attenuation	approx. 27 dB



CERTIFICATION

ATEX Ⓢ II 2G Ex ia IIC T4







IECEx Ex ia IIC T4 Gb







- Clear sound in noisy environments
- High attenuation
- High and excellent wearing comfort
- Big PTT-button

Analog

The Ex-TRA 300 headsets are a 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. Therefore the headset will fulfill all requirements for industrial capability and reliability.

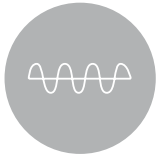
COMPATIBLE PRODUCTS			
Ex-PMR 1000	Ex-PMR 2000	Motorola GP 900	Motorola GP340-680 Ex
			
AS000260	AS000280/ 281		

Intrinsically safe HEARING PROTECTION HEADSET FOR ZONE 1

ACCESSORIES	
Windscreen for microphone M995	Foam speaker cover
	
A0000428	A0000430
Headband cushion (nappa leather)	Ear cushions
	
A0000431	A0000429



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- Clear sound in noisy environments
- High attenuation
- High and excellent wearing comfort
- Big PTT-button
- Fits to nearly all helmet variants

Analog

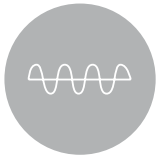
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COMPATIBLE PRODUCTS			
Ex-PMR 1000	Ex-PMR 2000	Motorola GP 900	Motorola GP340-680 Ex
			
AS000260	AS000280/ 281		

HEADSET WITH HELMET ADAPTER FOR ZONE 1

ACCESSORIES		
Windscreen for microphone M995	Helmet adaptor, types on request	
		
A0000428	A0000432 - 436	
Headband cushion (nappa leather)	Ear cushions	Foam speaker cover
		
A0000431	A0000429	A0000430

EX-TRA 3000



in cooperation with

 Imtradex



TECHNICAL DATA

Loudspeaker

Pattern	magnetic
Impedance	250 Ohm at 1 mW / 1 kHz
Sound pressure level	max. 115 dB
Frequency range	100 Hz - 4 kHz

Microphone

Pattern	electret
Directional	noise cancelling (NC)
Impedance	4.400 Ohm
Sensitivity	-44 dB V/Pa 1 kHz
Frequency range	300 Hz - 10 kHz

Additional data

Ambient temperature	-20°C to +50°C
Protection class	IP54
Weight	approx. 118 g

CERTIFICATION

ATEX Ⓢ II 2G Ex ia IIC T4



IECEX Ex ia IIC T4 Gb



- Light weight headset
- Pressure-free comfortable wearing
- Possible with helmets and chemical splash suits

Analog






The Ex-TRA 300 Neckband provides to you a comfortable light weight headset solution and can be used with almost every kind of helmet. Through the Open-Ear-Gain technology you are able to hear all ambient noises and also be able to have clear and loud communication even in dangerous situations.

COMPATIBLE PRODUCTS

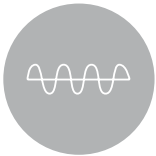
Ex-PMR 1000	Ex-PMR 2000	Motorola GP 900	Motorola GP340-680 Ex
			
AS000260	AS000280/ 281		

Intrinsically Safe **NECKBAND HEADSET** FOR ZONE 1

ACCESSORIES

Windscreen for microphone M995	Ear Mould	
		
A0000428	A0000424 - 425	
Ear bud	Acoustic ear olive	Acoustic ear tube
		
A0000421 - 423	A0000426	A0000427

EX-TRA 300



in cooperation with

Intradex

TECHNICAL DATA

Loudspeaker

Pattern	magnetic
Impedance	150 Ohm at 1 mW / 1 kHz
Sound pressure level	max. 106 dB
Frequency range	300 Hz - 4 kHz

Microphone

Pattern	electret
Directional	noise cancelling (NC)
Impedance	2.500 Ohm
Sensitivity	-34 dB V/Pa 1 kHz
Frequency range	100 Hz - 5 kHz

Additional data

Ambient temperature	-20°C to +50°C
Protection class	IP54
Weight	approx. 130 g



CERTIFICATION

ATEX Ⓢ II 2G Ex ia IIC T4







IECEX Ex ia IIC T4 Gb



- Clear voice transmission and clear understanding
- Easy adaptation to helmets
- Rugged and big PTT button

Analog

The Ex-TRA 300 Fire talk headset is designed to provide optimum communication in critical situations for fire and rescue services. The robust and rugged design and the PTT button provides to you with the highest performance in all situations. Through a large variety of helmet adaptors you can use it with almost all fire brigade standard helmets. Even changing from one helmet to another is quickly possible.

COMPATIBLE PRODUCTS			
Ex-PMR 1000	Ex-PMR 2000	Motorola GP 900	Motorola GP340-680 Ex
			
AS000260	AS000280/ 281		

Intrinsically safe **FIRE TALK HEADSET** FOR ZONE 1

ACCESSORIES

Windscreen for microphone M995



A0000428

Helmet adaptor for Fire brigade Headset



A0000451-461



EX-TRA 300



The Ex-TRA 300 Fire talk supra is a special designed and very robust headset. It fits on all common fire brigade supra helmets without any additional adaption. Due to the design of the headset the rescue brigades can hear the ambient noises and have clear and loud communication to avoid mishearing commands.

Intrinsically safe **FIRE TALK SUPRA HEADSET** FOR ZONE 1

ACCESSORIES

Windscreen for Microphone M995



A0000428





Analog

in cooperation with



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CERTIFICATION	
ATEX	⊕ II 2G Ex ia IIC T4
IECEx	Ex ia IIC T4 Gb

- Perfect voice transmission even with loud ambient noises
- Special design for fire brigade helmets
- Optimum performance due to design
- Robust and big PTT button

COMPATIBLE PRODUCTS

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Ex-TRA 300 DIGITAL

HEADSETS FOR ZONE 1



EX-TRA 300



in cooperation with

 **Intradex**

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Additional data

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Protection class	IP54
Weight	approx. 520 g
Noise attenuation	approx. 27 dB



CERTIFICATION

ATEX Ⓢ II 2G Ex ia IIC T4



IECEx Ex ia IIC T4 Gb







- Internal amplifier for best volume and clear sound in every situation
- High attenuation
- High and excellent wearing comfort
- Big PTT-button

Digital

The Ex-TRA 300 headsets are a 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. Therefore the headset will fulfill all requirements for industrial capability and reliability.

COMPATIBLE PRODUCTS	
AIRBUS THR880i Ex	AIRBUS THR9 Ex
	

Intrinsically safe HEARING PROTECTION HEADSET FOR ZONE 1

ACCESSORIES	
Windscreen for microphone M995	Foam speaker cover
	
A0000428	A0000430
Headband cushion (nappa leather)	Ear cushions
	
A0000431	A0000429



EX-TRA 300



in cooperation with

Intradex

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HEADSET WITH HELMET ADAPTER FOR ZONE 1

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- Light weight headset
- Pressure-free comfortable wearing
- Possible with helmets and chemical splash suit






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Intrinsically safe **NECKBAND HEADSET** FOR ZONE 1

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Intrinsically safe **FIRE TALK HEADSET** FOR ZONE 1

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Helmet adaptor for Fire brigade Headset



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Intrinsically safe **FIRE TALK SUPRA HEADSET** FOR ZONE 1

ACCESSORIES

Windscreen for Microphone M995



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COMPATIBLE PRODUCTS	
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