



AK5850B

AK5850B - Ex TwinCom Helmet Headset

Ex-approved Headset with helmet mounting

- Rugged headset for Ex and Industrial environments
- Helmet mount
- Noise-cancelling microphone
- ✓ High quality digital background noise reduction
- HD-voice compatible
- High quality audio
- Standard 4-pole Nexus connector for easy connection/replacement
- For use with Ex-approved and industrial plugboxwith PTT
- Low smoke and halogen free cable
- O Designed for Turbine Ex explosion-proof and industrial intercoms





ICX-AlphaCom (1)) Exigo



Description

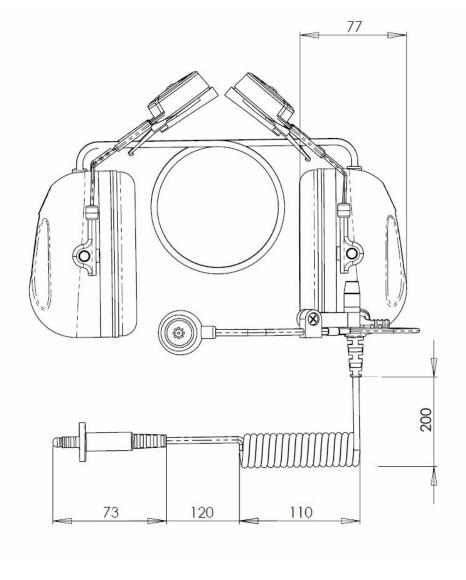
The AK5850B is a high quality industrial Ex-approved headset for use in rugged conditions. It offers an adjustable boom microphone and a short curly cable for flexible connectivity through a 4-pole Nexus plug. This headset is designed for use with the Vingtor Stentofon Turbine Ex and Industrial Intercoms and are HD Voice compatible when used with these stations.

Used with the TAX-2B/TA-22B Cable and Plugbox with PTT, it offers an exceptional range of over 10 meters.

Technical Dimensions

certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

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Specifications

MECHANICAL

Weight	386 g
ENVIRONMENTAL	
Operational Temperature	-40°C to +60°C
Ingress Protection (IP)	IP-54 (when worn)
ELECTRICAL	
Impedance	230 ohm
Sensitivity (mic)	4 mV / 220 ohm
ACOUSTICAL	
Frequency Response	90-7000 Hz
Noise Reduction	-12dB @ 1kHz

AK5850BS Helmet attached hearing protector TwinCom with custom moulded earplug

SOUND ATTENUATION

Above 1kHz:	29,8 to 36 dB
500-1000 Hz	29 to 41,2 dB
125-500 Hz	19,6 to 29 dB
H84	29 dB
M84	29 dB
L84	23dB
SNR84	30 dB

CERTIFICATIONS

CENELEC safety standards EN 60079-0: 2018 & EN 60079-11: 2012 IEC safety standards IEC 60079-0: 2018, IEC 60079-11: 2012 Marking Ex ib IIC T4 Gb, Ta: -40°C to +60°C ATEX certificate Nemko 03ATEX1351 Issue 9 IECEx certificate IECEx PRE 15.0063 Issue 2 PPE (EU) 2016/425 (EN 352-1:2020, EN 352-3:2020, EN 352-3:2020, EN 352-6:2020 and EN 352-9:2020)			
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PPE EN 352-2:2020, EN 352-3:2020, EN 352-3:2020, EN 352-6:2020 and EN 352-	IECEx certificate	IECEx PRE 15.0063 Issue 2	
	PPE	EN 352-2:2020, EN 352-3:2020, EN 352-6:2020 and EN 352-	

Accessories

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TAX-2B

Ex-Approved Plugbox & Dig Cable for Headset with PTT



TA-22B

Industrial Plugbox & Cable for Headset with PTT

Used With



EAPFX-6-V2

Exigo Industrial Ex Access Panel, 6 Buttons - V2



EAPFX-1-V2

Exigo Industrial Ex Access Panel - V2



TFIX-1-V2

Ex IP Intercom Station- full keypad



TFIX-2-V2

Ex IP Intercom Station with 6 buttons



TFIX-3-V2

Ex IP Intercom Station with 3 buttons



TFIE-1

IP and SIP Intercom



TFIE-2

IP and SIP Intercom



EAPII-1

Exigo Industrial Access Panel, 1 Button

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EAPII-6

Exigo Industrial Access Panel, 6 Buttons



TFIE-6

IP and SIP Intercom

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