

INVISIO[®] X5

Dual in-ear headset with hearing protection and full situational awareness

FEATURES

- SNR 32 and NRR 29 Hearing Protection
- 3 sizes of Canal[™] Comply Tip foam plugs for optimal fit and performance
- Vibration sensing Bone Conduction Microphone for clear speech and total elimination of ambient noise
- High performance balanced armature loudspeaker with low distortion
- Soft Spring[™] allows in-ear wearing style for discreet and secure fit
- Ultra light and small, weighing less than 5 grams and measuring only 1.3 x 2.4 cm
- Kevlar[®] reinforced silver plated alloy cable with Teflon[®] insulation and a pull strength of over 20kg
- Ergonomic Cable Retainer - securing cable behind the ear
- Precision made ABS polymer sealed housing for use in extreme environments.
- Dual headset in black



In-ear headset with an unparalleled level of hearing protection - SNR 32

Crystal clear communication even in extremely noisy conditions

Full situational awareness

Low profile and compatible with helmets, gas masks or circumaural headsets

INVISIO[®] X5 utilizes the patented Bone Conduction Microphone. It has no external microphone and captures vibrations in the user's jawbone converting them to crisp and clear sound. No external ambient noise around the user is picked up. As a result, the headset can be used in extreme situations with no interference commonly found when communicating in these environments.

INVISIO[®] X5 offers unsurpassed performance, comfort and fit for professional users. Utilizing a form factor that has been researched and designed over the last decade, the patented Soft Spring[™] adapts perfectly to the contours of the ear offering maximum comfort as well as a secure fit. The Soft Spring[™] can be easily adjusted in length to perfectly fit the contours of any ear. This allows compatibility with helmets, eyewear, gas masks or circumaural headsets. INVISIO[®] X5 is the ultimate tactical headset.

Technical Specifications

Cable

Colors	Black
Length	1200 mm
Pull Strength	20 kg
Connector	ODU Push-Pull (Quick Disconnect)

Headset

Colors	Black
Configuration	Dual
Weight	5 grams
Dimensions	W 13.0 x H 11.0 x L 24.0 mm
Wearing Style	In-ear with Soft Spring™

Environmental

IP Rating	IP 68 (2m for 2 hours)
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to +63°C

Hearing Protection

SNR 32 (EN352-2:2002)

NRR 29 (ANSI S3.19-1974)

Test results (ANSI S12.6-1997):

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Average Attenuation (dB)	32.1	34.2	35.9	36.7	38.7	43.5	45.9

Receiver

Type	Dual Balanced Armature Receiver
Maximum Peak Output	118dB
Frequency Range	0 - 20kHz
THD	less than 1% up to 100 dB

Communication Microphone

Type	Vibration Sensitive Transducer
Noise Level	-99.5 dBA (re. 1V)
Frequency Response	0 - 6kHz

Hear-Thru Microphone

Type	Electret Microphone
Noise Level	-99.1 dBA (re. 1V)
Frequency Response	0 - 20kHz

About INVISIO®

For over a decade INVISIO® has developed high performance, tactical headsets for Special Forces, SWAT Teams, Law Enforcement and Fire & Rescue teams across the globe to meet their needs in extreme environments. INVISIO® offers an extensive range of tactical headsets and Push-To-Talk (PTT) solutions to equip the professional communication user.

INVISIO headsets utilize the patented Bone Conduction Technology™ which offers unsurpassed communication in all environments. Because of the unique voice transfer system, ambient sounds that can interfere during a conversation are eliminated. Wind, military vehicles, even gun fire is not transmitted - only your voice.