

INVISIO[®] X6

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

FEATURES

- *NRR 25 Hearing Protection*
- *Custom Made polymer ear molds for use in extreme environments*
- *Personalized fit with a ultra light and small form factor*
- *Hearing protection is molded into headset with no need to change foam plugs*
- *Vibration sensing Bone Conduction Microphone for clear speech and total elimination of ambient noise*
- *High performance balanced armature loudspeaker with low distortion*
- *Kevlar[®] reinforced silver plated alloy cable with Teflon[®] insulation and a pull strength of over 20kg*
- *Ergonomic Cable Retainer - securing cable behind the ear*
- *Dual headset in desert tan with black cabling*

Patent pending INVISIO CustomProtect[™] hearing protection - NRR 25

User customised headset ear molds for unparalleled level of comfort and secure fit

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

Crystal clear communication even in extremely noisy conditions



INVISIO[®] X6 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[®] X6 offers unsurpassed performance, comfort and fit for professional users. INVISIO[®] X6 is the ultimate headset for fit and comfort. Made to fit the ear of the individual user and manufactured from an actual impression of the user's ear. The customized ergonomic design increases comfort and the duration of time the headset can be used for. This allows compatibility with helmets, eyewear, gas masks or circumaural headsets. INVISIO[®] X6 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	Desert Tan with Black Cable
Configuration	Dual
Weight	Custom
Dimensions	Custom
Wearing Style	In-ear custom made

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 (EN352-2:2002) pending

NRR 25 (ANSI S3.19-1974)

Test results (ANSI S3.19-1974):

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Average Attenuation (dB)	28.2	27.4	30.9	32.6	36.8	39.5	38.9

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.

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

INVISIO CustomProtect™

The INVISIO X6 utilizes INVISIO CustomProtect™ - the INVISIO patent pending hearing protection system for custom made headsets. Each headset is made from a digitally scanned individual mold of the user's ear with the hearing protection incorporated to create a perfect seal within the ear. Manufactured from high density material and perfectly sealed – INVISIO CustomProtect™ is the unbeatable custom made headset hearing protector.