

# INVISIO<sup>®</sup> M3s

*The submersible in-ear headset for use both in and out of the water*

## FEATURES

- IP68 and submersible down to 20 meters
- 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
- Available in black or desert tan and left or right versions



---

*Total noise elimination system for crystal clear communication*

---

---

*Discrete design with superior comfort and secure fit*

---

---

*Submersible down to 20 meters*

---

---

*Compatible with helmets, gas masks or circumaural headsets*

---

INVISIO<sup>®</sup> M3s 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<sup>®</sup> M3s 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<sup>®</sup> M3s is the ultimate tactical headset.

## Technical Specifications

### Headset

Colours	Black or Desert Tan
Configurations	Left or Right
Weight	5 grams
Dimensions	W 13.0 x H 11.0 x L 24.0 mm
Wearing Style	In-ear with Soft Spring™

### Power Supply

Operating Voltage	1.5 – 10.0 V (DC)
Current Consump.	1 mA min.

### Receiver

Type	Balanced Armature Receiver
Maximum Peak Output	118 dB
Nominal Impedance	450 Ω (@ 1 kHz)
DC Resistance	DC Blocked
Sensitivity	25 dB (re. 1 Pa/V @ 1 kHz)
Frequency Range	200 - 6 kHz
THD	less than 1%

### Cable

Colors	Black or Desert Tan
Lengths	910 mm and 1200 mm (with coil)
Coil	20 mm coil that extends to 220 mm
Pull Strength	20 kg
Connector	per request

### Environmental

IP Rating	IP 68 (20 m)
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to +63°C

### Communication Microphone

Type	Vibration Sensitive Transducer
Nom. Output Impedance	200 Ω (@ 1 kHz with 5 V)
Sensitivity	-32 dB (re. 1 V/(m/s <sup>2</sup> ) @ 1 kHz)
Equivalent Noise Level	-105 dBA (re. 1 V)
Frequency Response	200 - 6 kHz

### 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.



Black Configuration



Desert Tan Configuration