



I HEARD YOU THE FIRST TIME...™

INVISIO® M4s

The customized submersible in-ear headset for the ultimate fit both in and out of the water

Features

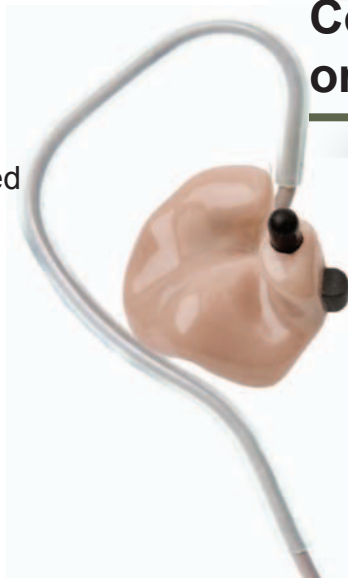
- IP68 and submersible down to 20 meters.
- Custom Made polymer ear molds for use in extreme environments.
- Vibration sensing Bone Conduction Microphone for clear speech and total elimination of ambient noise.
- High performance balanced armature loudspeaker with low distortion.
- Personalized fit giving a ultra light and small form factor.
- Kevlar® reinforced silver plated alloy cable with Teflon® insulation and a pull strength of over 20kg.
- Ergonomic Cable Retainer - securing cable behind the ear.
- Available in Left or Right versions.

Total noise elimination system for crystal clear communication

Customized ear molds for unparalleled comfort and secure fit

Submersible down to 20 meters

Compatible with helmets, gas masks or circumaural headsets



TEA Products can be configured for practically any radio or intercom

TEA is an ISO Certified Company that manufactures and sells audio communication products directly to specialized end users such as U. S. Special Forces and Law Enforcement Agencies without involvement from resellers or independent reps. This policy and the unique and custom nature of these products have caused many Federal, State and Municipal Procurement Officers to qualify these as sole source procurements.



TEA | GSA Contract #: GS-07F-0277K
16 Mount Ebo Road South | Suite 6 (PO Box 404) | Brewster, NY 10509
California: 310-457-7401 | New York: 845-278-0960 | Texas: 469-362-0121

TEAHEADSETS.COM





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Technical Specifications

Headset

Colors	Desert Tan
Configurations	Left or Right
Weight	Custom
Dimensions	Custom
Wearing Style	In-ear Custom Mold

Power Supply

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

Receiver

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

Cable

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

Communication Microphone

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

Submersible Switches for M4s



E Switch (Submersible)

A durable and universal PTT that can be configured for single or dual-com capabilities



G Switch (Submersible)

The most secure and durable PTT for maritime operations

M4s 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.



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