



## **Xacore Launches its Generation II (2) In-ear Digital Radio Headset for Military & SWAT Applications**

Sarasota, FL – February 22<sup>th</sup>, 2011 – After two (2) years of development, field testing and user feedback refinements, Xacore announces today the release of its second generation in-ear digital radio headset called the x-62000 series which is part of its Threat4 product line. This headset simultaneously incorporates the three (3) functional requirements of the US Army's Tactical Communication and Protective Systems (TCAPS) program: hearing protection; talk-thru/hear-thru; and radio communications. In practice, while wearing the x-62000 you can protect your ears from gunfire, explosions and loud engine noise, but still have a face-to-face conversation while maintaining radio communications.

*“After seven (7) electronic versions, tuning the headset modes, adding windsocks to the talk-thru system and a complete mechanical body overhaul, we are confident that the x-62000 headset will provide military & SWAT users an out-of-the-box, built like a tank solution that works well in all environments, while running, while whispering, in rotary vehicles, tracked vehicles, in a live fire environment”,* said Chris Carter Chief Engineering Officer of Xacore. *“We actually drove a Hummer over the headset and PTT. We picked it up, bent the band back into shape, and it was good to go”* Carter said. Patrick Armstrong, CEO of Xacore adds *“we have incorporated live field testing feedback, in-combat feedback, and extreme lab testing results over a two (2) year period into what we believe is the best all-around headset on the market today. Our proprietary electronics, algorithms, utility patents, and aggressive pricing all provide us with a substantial competitive advantage”.*

The x-62000 is what Xacore calls a hybrid headset, melding the best features of an in-ear headset design with the best features of a typical over-the-ear muff style headset. This design ensures that problems with traditional in-ear headsets, such as poor radio transmission in high vibration environments (i.e. helicopters, tracked vehicles) and high noise or whispering environments, are avoided by using a mechanically isolated boom microphone, which always ensures clear radio transmit (TX). Conversely, the typical lower noise reduction rating (NRR) and the cumbersome, hot & sweaty feel of a muff style is avoided by using a low profile in-ear plug which boasts a certified 32dB-39dB NRR. By designing the x-62000 to be more like a headset than a set of MP3 style earbuds, Xacore is able to mount four (4) mics for their talk-thru/hear thru system to greatly improve sound localization (ability to tell where sounds come from), use robust wires for increased durability, ensure earplugs are always in your ear as well as mount all electronics in the headgear for easy integration to other brand PTTs and C4 systems.

The x-62000 is compatible with most commercial and military radios on the market including but not limited to the XTS, PRC-148, PRC-152, PRC-117, PSC-5, VIC, LVIS, PRC-68, PRC-77, PRC-113, PRC-137, PRC-139, PRC-119, VRX-12, LST-5B/C, IISR, 700P, 5300P, F50/F60, TK480, VX800/820...

In conjunction with the launch of the x-62000 radio headset, Xacore announces a demo program, demo tour, the launch of the x-63000 dual/tri radio PTT, and the launch of a gas mask interface adaptor for use with its Threat4 headset line, namely the x-62000 headset and the x-65000 temple transducer/bone conduction headset. Details can be found at [www.threat4.com](http://www.threat4.com). The x-62000 is available today for purchase and testing.

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