



The C2 ear cups afford a comfortable fit and minimize pressure points.



Form factor of HID enables switching between radios and adjusting volume on the run.

Revision's SenSys ComCentr2™ Tactical Headset System

THE SENSYS COMCENTR2 (C2™) TACTICAL HEADSET SYSTEM offers sensory enhancing performance for the operational warfighter by integrating advanced electronics and software into a sleek, comfortable and user-focused design.

Combining technological advancements in tactical communication and hearing systems, the SenSys C2 headset improves command, control and communication. This ensures dismounted close combat warfighters are able to detect vital battlefield sounds in a noise cluttered environment while enabling mission-critical communication. Active Noise Reduction (ANR) technology mitigates low frequency noise generated by vehicle platforms, while 360° situational awareness and improved sound localization enhance engagement with the environment.

KEY FEATURES

ACTIVE NOISE REDUCTION (ANR) – Reduces distracting high volume, low frequency steady state noise to protect hearing, prevent fatigue and improve communication. ANR exceeds noise limiting and active hearing protection offered by currently fielded headsets.

SITUATIONAL AWARENESS – Controlled by upgradable software, the circumaural headset offers full coverage provided by 2 forward facing and 2 rear facing microphones, enabling directional sound and improved command and control.

SPATIAL NET SEPARATION – Digital technology allows the user to position radio net transmissions to come from different directions, improving speech intelligibility and reducing the cognitive burden experienced when listening to multiple radio nets.

HUMAN INTERFACE DEVICE (HID) – Enables quick switching between radios and volume adjustment without being distracted from the mission. Dongle system attaches to the HID to allow for a wide range of communications devices to be used.

ELECTRONICS IN EARCUPS – Allows full audio enhancement even when the wearer dons only the headset without the HID as a standalone device.



Can be worn over-the-head or rail-mounted depending on preference.



- Headset compatible with legacy Push-to-Talk (PTT) devices
- Requires only 1 AA battery in ear cup
- Easy transition from headband to rail mount
- Various dongles allow for multiple types of radios to be connected to the Human Interface Device

DIGITAL USB COMPATIBLE – Increases speech intelligibility and enables plug-and-play with devices and computers, and eliminates product obsolescence that would otherwise occur from the introduction of next generation digital radios and systems.

SOFTWARE UPGRADEABLE – As a next generation hearing system, the ComCentr2 features an upgrade path for technological improvements and customization for each user, eliminating product obsolescence.

EQUIPMENT COMPATIBILITY – The headset integrates with existing radios and head protection systems – eliminating the need to upgrade equipment or make system concessions.

MODULAR SYSTEM – Can be worn over-the-head or rail-mounted to accommodate varying methods of wear depending on user preference and headborne equipment.

HEARING PROTECTION – The C2 headset is both a tactical over-the-ear comms system and hearing protection device in one; mitigating the risk of auditory impairment and eliminating the need for special fitting by audiologists. The headset can be worn as a standalone hearing protection device, or as a fully functional communication headset.

TECHNICAL SPECIFICATIONS

ACTIVE NOISE REDUCTION	Digital active noise reduction (ANR) provides extra noise protection against the hazardous military low frequency noise.
SITUATIONAL AWARENESS (SA)	4 microphones providing true 360° audio detection. High dynamic range/low noise microphones provide high fidelity situational awareness.
LATENCY TEST	Instantaneous electronic situational awareness.
CONTROLS	Controls on left ear cup adjust sound.
SMARTPHONE APP	USB Class Compliant Interface for both audio and configuration control.
POWER SOURCE	1 x AA battery in ear cup.
CENTRAL PROCESSING UNIT	State-of-the-art low noise, low power digital platform.
WATER IMMERSION	IP67: 3.28 ft (1 meter) for 30 minutes.
OPERATING TEMPERATURE	Full Spectrum: -40F to 140°F (-40 to +60°C). Storage: -70F to 160°F (-57 to +71°C).
ELECTRO MAGNETIC COMPATIBILITY	Radiated Susceptibility above 50v/m.
CONNECTIONS/DOWN-LEAD	Attachable down lead hardwired into PTT or Standalone USB Usage.
COMMUNICATION MICROPHONE	Modular ambidextrous noise cancelling boom mic. Can be completely removed from headset to use as basic hearing protection.
INTERFACE OPTIONS	Headband or rail mount option.
COMPATIBILITY	<ul style="list-style-type: none"> • Standard 6-Pin female MIL-DTL-55116/4-3 connector mates with most military radios including: AN/PRC-117F MBMMR, AN/PRC-117G MBMMR, AN/PRC-148 MBITR, and AN/PRC-152 FALCON III • Hirose 6-Pin connector mates with radio adapter • USB Audio for PC or Android • ICS mates with intercom systems comprising Nexus TP-120 and similar plugs.

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