ONE HEADSET, ANY MISSION.

ON THE GROUND. IN THE FIELD. ON THE RANGE.

Whatever your goals or mission needs, protecting and enhancing your hearing is a crucial step. The Ops-Core AMP® Communication Headset is designed to meet any challenge – expected or unexpected. With its advanced technology and configurability, it’s the most versatile headset for your needs. The AMP Communication Headset is Berry Amendment compliant, meets MIL-STD-810G and MIL-STD-461G testing standards, and is CE approved EN352. Our situational awareness products are proudly assembled in Gentex’s US factories.
BUILT FROM THE BATTLEFIELD.

BREAKTHROUGH TECHNOLOGY

The AMP Communication Headset’s user-driven design provides the highest levels of hearing protection and increased situational awareness, combined with maximum mission configurability. For over two decades, communications innovation was stagnant and did not keep up with the next generations of users, who are used to premium audio and electronics products in their daily lives. By working closely with end users and communications experts, the AMP headset was purpose built to meet and exceed mission requirements.
CONFIGURED FOR ANY SITUATION

MILITARY

Military personnel need to maintain 360-degree situational awareness in dynamic sound environments. Whether loud impulse noise like gunfire or steady state noise like a loud vehicle platform, it’s imperative to have the appropriate level of hearing protection. The AMP Communication Headset’s eight scalable hearing levels allow the end user to tailor their level of situational awareness to mission needs, protecting from excessive noise levels with the option to enhance natural hearing up to +12dB.

LAW ENFORCEMENT

From the most dangerous operations like building entry, room clearing and breaching, to training to be the best, elite law enforcement personnel need to maintain the clearest and most fail-safe levels of communication and hearing protection. With the AMP Communication Headset, end users have an integrated communications solution that they can rely on.

TRAINING

Indoors or outdoors, live fire and training exercises have excessive noise risk, a need for situational awareness, and reliable communications. From marksmanship training on the range to live fire training exercises, the AMP Communication Headset ensures that team members, instructors, and range safety personnel can clearly communicate with each other without losing situational awareness. With noise exposure of up to 168dB in indoor ranges*, the optional NFMI Earplugs provide additional protection they need.

*National Institute for Occupational Safety and Health, January 2010, Workplace Solutions
Every aspect of the AMP Communication Headset is designed not just for superior situational awareness and hearing protection, but for maximum configurability. By working directly with end users, the AMP Communication Headset was built to meet and exceed mission needs.

**Battery**

Included AAA lithium batteries provide 120 hours of 3D Hear-Through (3DHT) use. **Fail-safe communication** provides confidence that in the event of battery loss, 3DHT will power off, but the headset and earplugs will still be able to transmit and receive communication.

**Mode Switch Button**

*NFMI-enabled Version Only*

Toggle between NFMI Earplugs and standard headset use.

**3D Hear-Through Technology (3DHT)**

Restores and enhances “natural hearing” of outside environments for improved situational awareness.

**Accessory Port**

Mask microphone compatibility via integrated microphone mounting and connection point enables easy integration with any U-173/U standard plug, commonly found on respirators, including the Ops-Core SOTR.

**Quick-Release Downlead Connections**

*Connected Version Only*

Disconnect headset from downlead(s) to allow for set up on left, right, or both sides. System can quickly configure between single, dual, or no downlead. Easy-to-use Push-to-Talk (PTT) connection permits secure, clear audio transmission in high noise environments.

**Ergonomic Headband**

The AMP headband has VELCRO® Brand fastening loops to easily detach and reconfigure. Competitor headband removals are cumbersome, requiring tools and sometimes removing or cutting material.

**Earpiece**

Ergonomically designed to fit head geometry, providing a better seal and increased noise attenuation.

**Noise-Cancelling Boom Microphone**

Ambidextrous noise-canceling microphone mitigates background noise enabling clear communication. The microphone can be easily mounted to the left or right earcup, or removed entirely, without tools.

**Basic Operations**

Watch the video.

Contact us via email at sales@gentexcorp.com, or via phone at +1 888.894.1755 for mission success.
AMP Communication Headset Colors and Skins

AMP Communication Headset Skins can further enhance signature management. Like the headset, these are durable and minimize the optical signature in both the visible and Near-Infrared (NIR) spectra. Choose from a comprehensive suite of colors and optional MultiCam® Skin Sets: original MultiCam®, MultiCam® Tropic, MultiCam® Black, and MultiCam® Alpine.

Headset Color Offerings

Tan 499  Foliage Green  Black  Urban Gray

Headset Skins Color Offerings

MultiCam® Tropic  MultiCam® Black  MultiCam® Alpine

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Mounting options for mission needs

The AMP Communication Headset easily converts from a headband to helmet mounted with the optional AMP Helmet Rail Mount Kit. Its design enables a superior earseal and greater helmet stabilization. Attaching directly to the Ops-Core ARC™ Rails, the mounting system allows a custom fit to suit each operator’s specific needs.

**AMP Helmet Rail Mount Kit (sold separately)**

When a helmet mounted headset is preferred, this kit provides unrivaled performance. Designed specifically for use with Ops-Core ARC Rails by the same company that pioneered them and revolutionized the helmet industry.

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Innovative system versatility

The AMP Communication Headset is designed to integrate with Ops-Core ARC Rails to ensure that all end user needs are met. Location, placement, and adjustment options create an easy, streamlined experience and superior fit.

**OPEN REAL ESTATE**
The way the AMP Communication Headset mounts to the ARC rail system allows for additional accessories to be added to the helmet rail.

**FAST ARC ATTACHMENT**
Rail arms can be mounted to the rear of the rail system, leaving the top portion of the rails free for other accessories, while increasing helmet stabilization and counter balancing night vision devices.

**CABLE MANAGEMENT**
The integrated cable management clip on the rail arms, combined with included hook and loop fasteners, provides streamlined cable management.

**ARM ARTICULATION ADJUSTMENT**
Allows the earcups to be set in several different positions, including an engaged, on ear position while in use, a vent position on the helmet rim, and stowed.

**GIMBAL ATTACHMENT**
A single point gimbal attachment to the earcups allows for 360° adjustment, enabling better fitment and a superior ear seal, maintained throughout the range of motion of the user’s head.

**STOWAGE**
Earcups rotate to the side or rear of helmet when not in use, creating low profile stowage.

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The perfect fit

Features of the AMP Communication Headset include rotation capabilities, telescopic extender, and gimbal attachment. These allow the user to adjust for a perfect fit, ensuring no loss of hearing protection.

**RAIL ARM PIVOT**
The rail arm pivot allows for height adjustment of the earcup over the users ear, and also facilitates stowed positions.

**TELESCOPIC ARM**
The rail arm can be extended or retracted to enable precise positioning of the earcup.

**GIMBAL ATTACHMENT**
Allows for 360° adjustment and enables earseal to be maintained with dynamic movement.

**VENTED POSITION**
Earcups rested on the edge of the helmet allow the user to vent their ears while still hearing communications.
The AMP Communication Headset can be connected to communications systems via a fixed downlead or connectorized cable. With two options, end users can choose the option best suited to their mission needs.

**AMP Cables / Downleads**

The AMP Communication Headsets are available in both fixed downlead and connectorized variants.

- Connectorized variants allow flexibility of being able to swap your downlead cable type and earcup connection
- Fixed downlead variants feature a downlead cable that is permanently attached to the left earcup
- Connectorized downleads cables available in Tan and Black

**Push-To-Talks (PTTs)**

Used to connect the AMP Communication Headset to various radios.

- Rugged over-molded construction
- Feature a reversible alligator clip
- Recessed activator prevents accidental keying, while still accommodating gloved hand use
- Available with fixed downlead radio connections or modular, which allows for interchangeable radio downleads
- Available with Amphenol input connectors or U94 (for use with U174 downleads)

**Standard PTT Cables**

Standard PTT cables, used to connect the AMP Communication Headset to radios/intercom systems, feature a permanently attached radio connector.

**SINGLE PTT CABLE & DUAL PTT CABLE**

Available in Single or Dual PTT configuration.

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Color Options

AMP cables, PTTs, and radio cables are available in Tan and Black

Push-To-Talks (PTTs)

Modular PTT Cables

These PTT cables allow flexibility to connect the AMP Communication Headset to various types of radios. Radio adapter cables are needed to match to radios.

SINGLE MODULAR PTT CABLE
Connects the AMP Communication Headset to a single radio.

DUAL MODULAR PTT CABLE
Connects the AMP Communication Headset to two radios.

Radio Adapter Cables

Used to connect the PTTs to various radios. These radio adapter cables are used with the Modular PTT cables to complete the connectivity to your radio.

PRC RADIO ADAPTER CORD
For PRC Radios: AN/PRC-117F, AN/PRC-148, AN/PRC-152, and equivalent radios.

MOTOROLA APX SERIES RADIO ADAPTER CORD
For Motorola APX Series Radios.

MOTOROLA HT750 SERIES RADIO ADAPTER CORD
For Motorola HT750 Series Radios.

MOTOROLA XTS-3000 SERIES RADIO ADAPTER CORD
For Motorola XTS-3000 Series Radios.

Microphone Connector Cable

MASK MICROPHONE CONNECTION CABLE
Connects a mask microphone to the AMP Communication Headset.

PTTs and cables are available for a variety of radios and intercom systems, not limited to those shown here. Please contact an Ops-Core sales representative at sales@ops-core.com or 888.894.1756 to discuss your needs.
Connectivity Options

The AMP Communication Headset is available in fixed downlead and connectorized. Each provides different connectivity options to radios and communications equipment.

AMP Communication Headset
FIXED DOWNLEAD

The AMP Communication headset with fixed downlead is available with either an Amphenol or U174 connector.

Fixed Downlead Cabling Example 1
In this example, the end user is running a fixed downlead headset and a single channel PTT, which is connected to one radio.

Fixed Downlead Cabling Example 2
In this example, the end user is running a fixed downlead (Amphenol connector) headset and a dual channel PTT, which is connected to two radios.

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The connectorized AMP Communication headset can run dual, single, or multi-channel PTTs using the Fischer connectors on either earcup.

- Removable connectorized downleads with different connector options are sold separately
- Provides high quality, environmentally sealed connections

**Connectorized Cabling Example 1**
In this example, the end user is running one connectorized downlead and a single channel PTT, which is connected to one radio.

**Connectorized Cabling Example 2**
In this example, the end user is running one connectorized downlead and a dual channel PTT, which is connected to two radios.

**Connectorized Cabling Example 3**
In this example, the end user is running dual connectorized downleads and dual single channel PTTs, each connecting to separate radios.
The optional Ops-Core® Near Field Magnetic Induction (NFMI) Earplugs provide increased noise reduction while maintaining clear communications and hear-through audio, when used in conjunction with the AMP Communication Headset. Alone, they provide up to 30dB NRR (38db SNR) of hearing protection and combined with the AMP Communication Headset, up to 34dB NRR (41dB SNR).
NFMI EARPLUGS  (sold separately)

The addition of optional wireless NFMI Earplugs provide increased noise reduction, while maintaining clear communications and hear-through audio. These do not need batteries, recharging, or any wired connection. When engaged, the NFMI Earplug will seamlessly integrate, providing unrivaled hearing protection capability.

- Do not need batteries, recharging, or any wired connection
- The kit ships with standard, slim, and large Comply™ foam tips to accommodate a wide variety of users

**NOTE: Compatible with NFMI-enabled headsets only**

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<tr>
<th>Noise Protection Ratings</th>
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<tr>
<td><img src="image1.png" alt="Headset Only" /></td>
<td><img src="image2.png" alt="Headset and Earplugs" /></td>
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<tr>
<td><strong>Protection Using Headset Only</strong></td>
<td><strong>With Headset and Optional NFMI Earplugs</strong></td>
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Driven to push the limits of what’s possible.

State-of-the-art situational awareness technology.
Ops-Core creates mission-configurable products, working directly with end users to understand and meet their performance needs. User-driven designs provide full situational awareness, ensuring tactical superiority in high threat environments.

Enhance your ability to survey the battlefield with our STEP-IN Visor eye protection. Breathe through harsh environments with our SOTR Respirator. Protect your face with the FAST Ballistic Mandible.

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