



AMP™

Communication Headset

FIXED DOWNLOAD VERSION

3-D Hear-Through and Advanced Hearing Protection in a Mission Configurable Design

Ops-Core headsets are designed to maintain natural hearing and sound localization. Advanced 3D Hear-Through technology and hearing protection capabilities in the Ops-Core AMP (Adaptive Mission Platform) Communication Headset further enhance situational awareness and user safety. For optimal flexibility and performance, the modular headset can be easily configured to meet a wide range of mission needs with options for headband or helmet mounted use, single or double hearing protection, single or multi-channel communications, and changeable Camo Skin Sets.



KEY FEATURES

■ World Class Audio Quality

Leveraging industry-leading military and industrial safety hearing protection and communication systems' capabilities of parent company Gentex Corporation, the Ops-Core AMP Communication Headset provides unprecedented audio quality with the ability to operate in combat environments.

■ 3D Hear-Through (3DHT)

Restores and enhances "natural hearing" of outside environment for improved situational awareness. Ear-simulator design reproduces ambient sounds with a high degree of directional accuracy, while also providing robust hearing protection.

■ Optional NFMI (Near Field Magnetic Induction) Earplugs (sold separately)

Provide increased noise reduction, while maintaining clear communications and 3D Hear-Through ability. NFMI Earplugs do not require wires or batteries. NOTE: Compatible with NFMI-enabled headsets only.

■ Earseals

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

■ Auto Shut-Down

To preserve battery life, alert tones signal 3DHT shut down after two hours of inactivity. Pressing volume button resets timer. Included AAA lithium batteries provide 120 hours of 3DHT use.

■ Mission Configurable Capability

Dual configuration capability adapts headset to either headband or helmet-mounted preference based on operational requirements.

Ergonomic Headband

Engineered for optimal comfort and streamlined profile; capable of being worn under a helmet. Quick attach/detach from headband capability.

Rail Mount Kit (sold separately)

Optional rail arms can be mounted to rear of Ops-Core ARCs, leaving top portion of rails free for other accessories, while increasing helmet stabilization and providing a counterbalancing effect of shroud mounted devices. Single point gimbal attachment to earcups allows for 360° adjustment, providing a better earseal and accommodation of head movement. Rotate earcups to side or rear of helmet to create low profile, streamlined stowage when not in use.

■ Noise-Cancelling Microphone

Mitigates background noise enabling clear communication. Can be mounted to left or right earcup or removed as preferred.

■ Integrated Microphone Mounting & Connection Point

Enables easy integration with any U-173/U standard plug.

■ Fail-Safe Communications

In the event of battery loss, 3DHT will power off leaving headset and earplugs to operate for standard communication.

■ Camo Skin Sets (sold separately)

To suite your mission, choose from a comprehensive suite of optional Skin Sets available in Arid, Tropic, Alpine, Black, and standard MultiCam®.



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SPECIFICATIONS

Noise Protection Ratings:

Headset Alone:	NRR 22 dB
	SNR 27 dB
	H 31 dB
	M 23 dB
	L 19 dB
NFMI Version (when used with optional NFMI Earplugs):	NRR 34 dB
	SNR 41 dB
	H 41 dB
	M 39 dB
	L 34 dB

Battery Run Time:

Up to 120 Hrs w/
Lithium Batteries
@ 21°C

Battery Run Time w/ NFMI Engaged :

Up to 80 Hours w/
Lithium Batteries
@ 21°C

Salt Water Immersion:

IPX7

Environmental:

MIL-STD-810G

Operating Temperature:

-40°C to +55°C
(-40°F to +131°F)
w/ Lithium Batteries

Storage Temperature:

-40°C to +71°C
(-40°F to +160°F)

EMI Testing Standards

MIL-STD-461G





Weight*:

Headband Config Amphenol	0.93 lbs (422g)
Headband Config Amphenol, NFMI	1.00 lbs (455g)
Headband Config U-174	0.91 lbs (414g)
Headband Config U-174, NFMI	0.99 lbs (447g)
Rail Mount Config Amphenol	1.02 lbs (462g)
Rail Mount Config Amphenol, NFMI	1.09 lbs (495g)
Rail Mount Config U-174	1.00 lbs (454g)
Rail Mount Config U-174, NFMI	1.07 lbs (487g)

*Weights calculated with batteries

Manufacturer Part Numbers:

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Color	Version / NFMI	Amphenol	U-174
 Tan 499	Single Download	N101153-01-0100	N101153-01-0200
	Single Download, NFMI	N101153-02-0100	N101153-02-0200
 Black	Single Download	N101153-01-0101	N101153-01-0201
	Single Download, NFMI	N101153-02-0101	N101153-02-0201
 Foliage Green	Single Download	N101153-01-0102	N101153-01-0202
	Single Download, NFMI	N101153-02-0102	N101153-02-0202
 Urban Gray	Single Download	N101153-01-0103	N101153-01-0203
	Single Download, NFMI	N101153-02-0103	N101153-02-0203

Contact Us

Designed to seamlessly integrate, our comprehensive suite of modular, scalable, open architecture helmet systems provide today's elite defense, law enforcement, and security forces with true system level performance. For more information on the Ops-Core AMP Communication Headset, contact Ops-Core communication specialists at directly at 888.894.1755 or support@ops-core.com.

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