



Communication Solutions for PureFlo ESM+ Systems

CLARUS™ XPR Smart Headset System

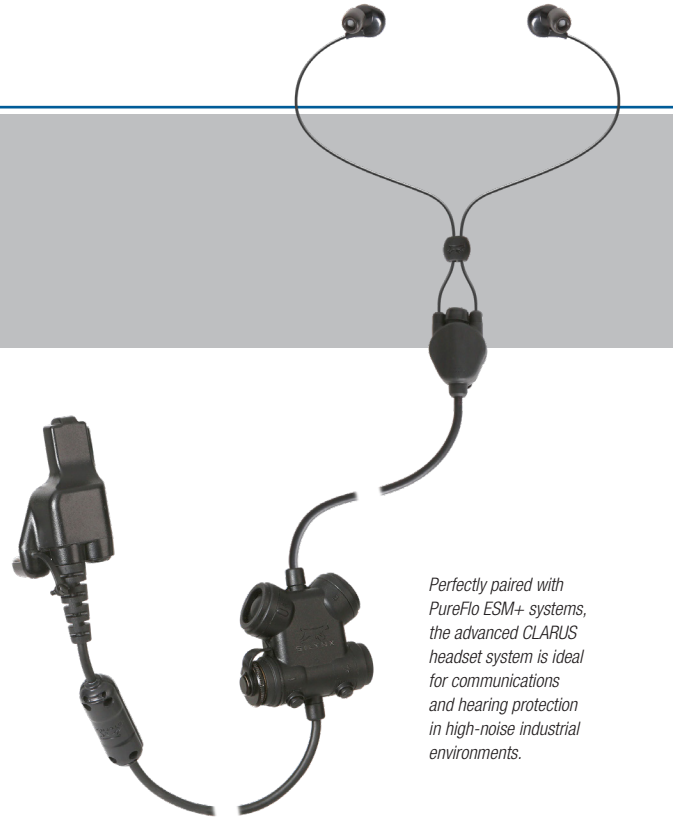
Small, Lightweight, Modular Communications and Hearing Protection System

Advanced Headset for High-Noise Industrial Environments

This modular, lightweight system enables workers using PureFlo ESM+ powered air purifying respirator (PAPR) systems the ability to easily communicate with each other, providing superior hearing protection and precise, intelligible communications in the most extreme noise environments. With this comfortable, dependable, and easy to use headset system, you're assured of superior performance, durability, and a great value.

KEY FEATURES & BENEFITS

- Modular communications and hearing protection system including in-ear headset, control box, and radio/smartphone adaptor
- Adaptors available for smartphones, Vertex, Motorola, Kenwood, and other radios
- High ambient noise attenuation using sound compression noise cancelling technology for both continuous and impulse noise
- Hear-Thru technology and sound localization, providing superb situational awareness and face to face communications in noisy environments
- Simple user interface with adjustable Hear-Thru volume control and on/off on control box
- Easily worn under hardhats, face shields, and powered air-purifying respirators (PAPR), providing ability to communicate without removal of PPE
- Clear communications via in-ear microphone and ambidextrous push-to-talk buttons on control box
- Rugged system meets military standards (tested to MIL-STD-810F)
- Lightweight, comfortable, dependable, easy-to-use
- Powered by single AAA battery or radio power supply



Perfectly paired with PureFlo ESM+ systems, the advanced CLARUS headset system is ideal for communications and hearing protection in high-noise industrial environments.

Typical Applications

- Nuclear and other Utilities
- Manufacturing
- Construction
- Laboratory and Pharma

Key Specifications

Noise Reduction Rating (NRR)	25
Battery Life Expectancy	40 Hours (AAA)
Operational Temperature	-40°F to +162°F
Storage Temperature	-40°F to +162°F
Humidity	95%
Testing	MIL-STD-810F
Immersion (Control Box)	20 Meters for 30 Minutes
Immersion (In-Ear Headset)	1 Meter for 30 Minutes
Dimensions (Control Box)	2.2"(W) x 2.1"(L) x 0.9"(H)
Weight (Control Box)	4.2 oz (Excluding Battery)
Weight (Headset)	2.5 oz

Contact Us

Gentex Corporation is committed to designing innovative industrial safety solutions that protect people from immediate and long-term health and safety hazards present in their work environments, while enhancing workplace performance. Contact us today for more information on PureFlo and our full line of industrial safety solutions.

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