

LVIS[®] Digital

Littoral Vessel Intercom System

Reliable Crew Communication

The Gentex LVIS Digital is a fully integrated modular intercom system designed to support crew intercommunications and radio access in combatant, patrol, and rescue craft. The crew communication system is rugged, light-weight, marine grade, and water resistant. Configurable and adaptable to the ever-changing mission profiles encountered in daily operations, the system offers a complete hardwired and wireless communications solution. The Gentex LVIS Digital meets numerous military specifications and standards, including MIL-Std-461 and MIL-Std-810.

Gentex offers a variety of helmet and headset styles to suit most field requirements for impact, ballistic, and hearing protection (with and without Active Noise Reduction (ANR), as well as talk-through circuits.



Crew Connection Point (CCP)

KEY FEATURES

Superior Flexibility

Crew connection points provide hardwired access for each crewmember, including hands-free voice communication with other crewmembers. DC Power is provided through the headwear connection points to enable the use of headgear equipped with ANR.

Highly Configurable

Each crewmember connection points provide independent selection of receive/transmit capability over any interconnected radio systems, based on access rights programmed through the system. Crew Connection Points can be interconnected in both parallel and serial configurations for redundant connections paths as a safeguard.

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Radio Interface/Intercom Control (RIIC)



Gentex Portable Transceiver (GPT)

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Gentex is committed to designing advanced personal protection and situational awareness solutions for defense and security personnel. For more information on Gentex LVIS Digital, contact Gentex at sales@gentexcorp.com or visit www.gentexcorp.com.

KEY FEATURES CONTINUED

Extended Capabilities

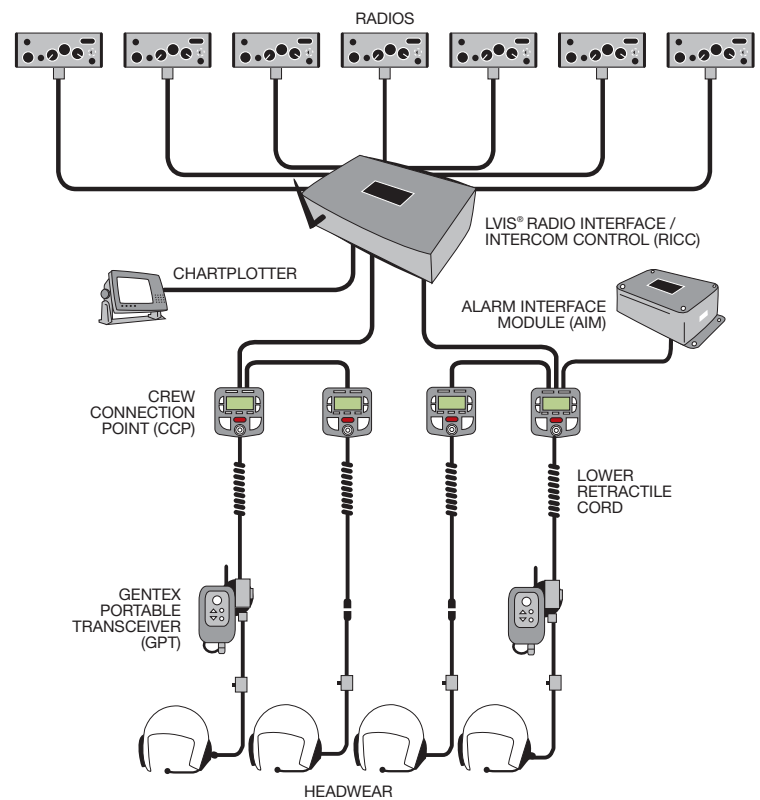
The Radio Interface/Intercom Control (RIIC) component of the system is available with an embedded wireless access point which allows the use of up to 31 portable transceivers. Each portable receiver remains on standby mode with its battery charging when connected through a hardwire connection. The receiver automatically goes to live mode once disconnected for a seamless transition from wired to wireless operation without compromising communication integrity.

Tested and Proven

The Gentex LVIS Digital has been designed and tested to meet your most demanding situations including: altitude to 40,000 feet, temperature range from -45°C to 60°C, thermal and physical shock, humidity up to 95%, salt fog, vibration, rain, sand and dust, electrostatic discharge (ESD), electromagnetic interference (EMI), radio frequency interference (RFI), and is submersible at 2 atm for 30 minutes.

Complementary and Compatible

The system is complementary and compatible with the Gentex Special Operations Headset Adaptable Helmet (SOHAH), which encompasses ballistic protection at a V50 rating of 1400 fps when tested in accordance with the MIL-STD-662, as well as the Gencom Communications Headset. The communications headset includes specially designed ear cups profiled to fit beneath most combat helmets.



Gentex LVIS Digital Sample Configuration

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