Product Lines

- Juno speaker microphone series.
- Sword speaker microphone series.
- Utah chest PTT series.
- Omaha audio accessory series.
Juno Speaker Microphone

- Designed specifically for Firefighters.
- 57 mm. Mylar speaker.
- Large PTT, volume control and emergency buttons providing excellent tactile response even while wearing gloves.
- **AllClear** microphone porting system.
- Supports a full line of 2.5 mm., 3.5 mm. and six pin Hirose connector accessories.
- **Optional ProGlo** phosphorescent front cover for low visibility operations.
- Immersion rated to two meters for 60 minutes.
- 18 month warranty.
Sword Speaker Microphone

- Designed specifically for Law Enforcement, Military, Emergency, Utility, Business and Industrial Users.
- 50 mm. Mylar speaker.
- Supports a full line of 2.5 mm., 3.5 mm. and six pin Hirose connector accessories.
- Immersion rated to two meters for 60 minutes.
- 18 month warranty.
Sword ProBand Antenna Series

- Antenna incorporates Printed Circuit Flex Film Technology (PCFFT).
- Antenna is included with speaker mic.
- Micro miniature custom coax cable and connectors.
- Full six foot extended coil cable.
- Supports a full line of 2.5 mm., 3.5 mm. and six pin Hirose connector accessories.
- Supports 800MHz. frequency.
- Immersion rated to two meters for 60 minutes.
- 18 month warranty.
Sword TruBand Antenna Series

- Micro miniature custom coax cable and connectors.
- Full six foot extended coil cable.
- Supports a full line of 2.5 mm., 3.5 mm. and six pin Hirose connector accessories.
- Supports VHF, UHF, 800MHz. and 900MHz. frequencies.
- Antenna is purchased separately from speaker mic.
- Immersion rated to two meters for 60 minutes.
- 18 month warranty.
• Z-Axis design for manufacturability and ease of repair.
• Modular design to facilitate upgrading.
• Interchangeable components to minimize inventory.
• No soldered connections - All gold plated custom connectors and pressure contacts for reliability in harsh environments.
• Integrally molded buttons for environmental sealing.
• Two shot revolving platen overmolding provides comfortable rubber user interface.
Engineered Materials

- Substrate is a custom engineered PC/ABS blend thermoplastic polymer.
- Overmold is a thermoplastic elastomer alloy designed especially for bonding to the substrate PC/ABS polymer.
- Molded concurrently in a two shot revolving platen overmolding process for optimum quality and part integrity.
- Allows emergency button, push to talk (PTT) and volume control interface buttons to be integrally molded to the case, resulting in unprecedented sealing capability.
Form Factor

- Intuitive button locations.
- Ergonomic form factor.
- Comfortable rubber interface.
- Roman arch design allows extreme compression loading in any direction.
- Attractive design.
- Form follows Function.
Receive Audio System

- Conventional forward acoustic speaker porting.
- Additional dual radial acoustic speaker porting - Allows speaker mic to be worn in any orientation without degradation to acoustic performance.
- Speaker cavity self draining feature.
- No speaker cloth to trap dust/debris - Clean speaker cavity by flushing with tap water.
- Superb acoustic performance and clarity throughout the entire life of the product.
Microphone Porting - Sword

- Conventional forward microphone porting.
- Additional 90 degree microphone porting.
- Provides low pressure microphone cavity evacuation system.
- Enhances mic sensitivity.
- Clear audio blocking water and/or debris from the mic cavity by blowing into the upper opening - Debris is automatically pushed out the front opening.
Microphone Porting - Juno

- **AllClear** microphone porting system.
- Oversize 3.5mm. microphone opening.
- Sculpted, polished intake geometry removes surface tension – Minimizes trapped water and debris.
- Enhances mic sensitivity.
- Self clearing capability.
- Integrally molded ribs in protective hood directs falling water away from mic opening.
- Maintains clear transmit audio even when covered with water.
Integrally Molded Buttons

- PTT
  - Large contact area.
  - Positive tactile response.
  - Intuitive location.
- Volume Control
  - Discrete high and low buttons.
  - Programmable on certain radio models.
- Emergency
  - Recessed design coupled with custom 200 gm. and 320 gm. contact force switches to eliminate false emergencies.
Belt Clip

- Large, rugged design.
- PC/ABS custom engineered polymer.
- High quality stainless steel components for reliability and corrosion resistance.
- 360° rotation with positive detents at every 45°.
- High closure force.
- 180 degree lip for positive retention.
- Accommodates any tactile gear, turn out coat, etc.
- Easy to replace and repair.