



# CLARUS HAZMAT GM

WORLD'S SMALLEST & LIGHTEST  
HAZMAT HEADSET SYSTEM



**NOISE PROTECTION**  
**IN EAR SPEAK AND HEAR**  
**OVER THE MASK / UNDER THE HOOD SYSTEM**  
**SINGLE OR DUAL COMMS**  
**SUPPORTS FULL DUPLEX AUDIO**  
**CHEST OR WIRELESS PTT**  
**PLUG AND PLAY SIMPLICITY**  
**POWERED BY RADIO**



# OVERVIEW

CLARUS HAZMAT GM Smart Tactical Headset System

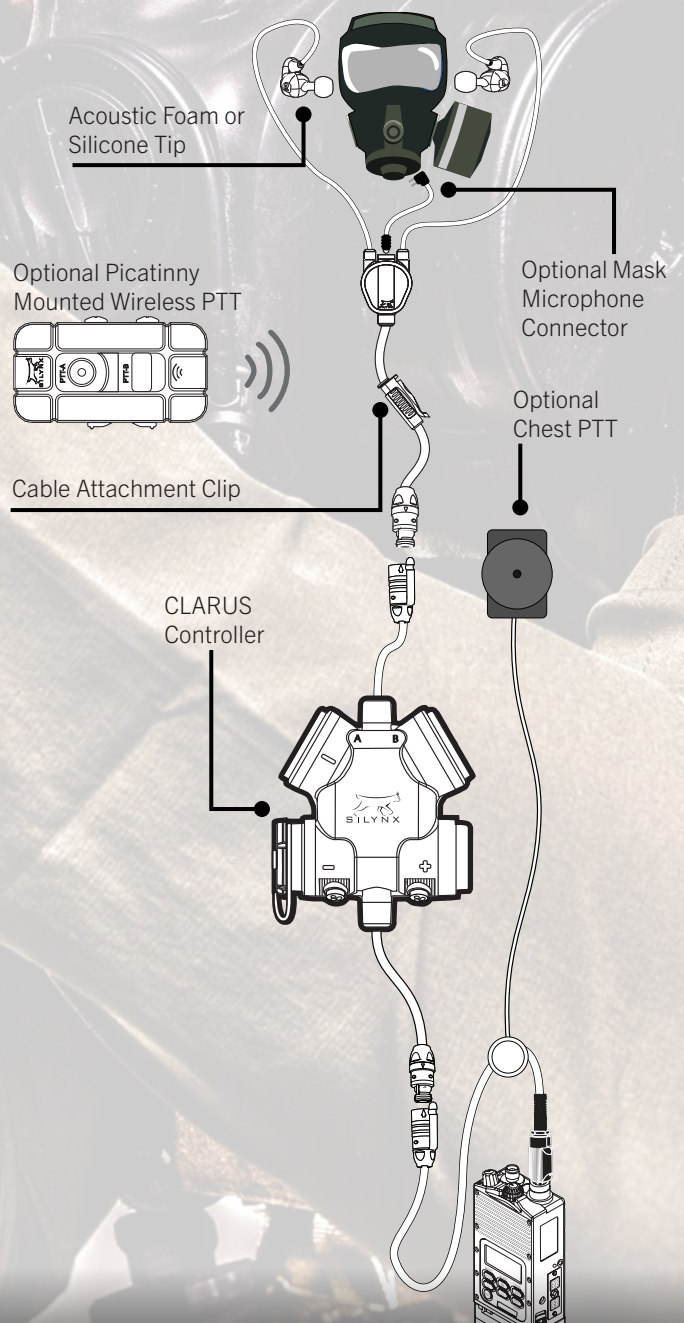
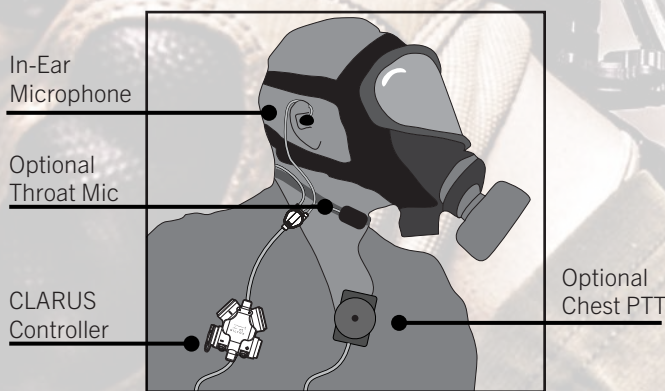
CLARUS HAZMAT GM is the world's smallest and lightest dual-comms HAZMAT headset system, designed to provide comfortable, reliable, and safe communication solution to users wearing CBRN or fire protection equipment.

Utilizing SilynX In-Ear headset technology, users are empowered with "Talking From The Ear" superhuman hearing and noise protection from both impulse and steady-state noise, while maintaining full situational and directional awareness.

The proprietary SilynX In Ear microphone obviates the need of any external microphone as the user speech is picked from the internal Ear. Gas mask microphone (Avon, Scott, Dragger, Auer) throat microphone and load speaker - are available options.

The CLARUS HAZMAT GM IN-Ear system is extremely rugged, fully waterproof, simple to use, no snug and ergonomically designed for comfortable, continuous usage. The Clarus HAZMAT is worn over CBRN mask, under HAZMAT hood or full body protection suit, without violating its HAZMAT qualities.

CLARUS HAZMAT GM system supports single or dual comms and is compatible to all tactical radios, smart phones, and intercom systems (ICS) as well as SilynX's Hazmat Chest PTT and/or wireless PTT devices.



# TECH SPECS

## SYSTEM

Weight..... 70g (exc battery)  
 Dimensions..... 2.2" (W) x 1.7" (H) x 0.6" (D)  
 Operating Power..... 1.5v AAA Battery

## ACOUSTICAL RESPONSE

NRR..... 30 dB  
 Speaker Frequency Spectrum..... 60 Hz to 15,000 Hz  
 Sound Pressure Level..... >115 dB  
 Receiver Type..... Dual Balanced Armature  
 Microphone Type..... Noise Cancelling Electret

## NOISE ATTENUATION & SOUND ENHANCEMENT

Hearing Protection..... SNR 30 NRR 25dB  
 Impulse Noise Protection  
 Extended Sound Localization  
 Four Hear-Thru Level (HTL) Sound Enhancement Levels

## ENVIRONMENTAL

Immersion (System)..... IP67 1m for 30 min  
 Operating Temperature..... -20°C to +55°C  
 Storage Temperature (exc battery)..... -40°C to +72°C  
 Humidity..... 95%  
 Mechanical Drop..... MIL-STD-810G  
 EMI..... EN 60950-22

\*Specifications are subject to change without notice.