



# CLARUS HAZMAT GM

WORLD'S SMALLEST & LIGHTEST  
HAZMAT HEADSET SYSTEM



**IN EAR SPEAK AND HEAR  
UNDER THE HOOD SYSTEM  
SINGLE OR DUAL COMMS  
SUPPORTS FULL DUPLEX AUDIO  
CHEST OR WIRELESS PTT  
PLUG AND PLAY SIMPLICITY  
INTERNAL AAA BATTERY**



# OVERVIEW

## CLARUS HAZMAT GM Smart Tactical Headset System

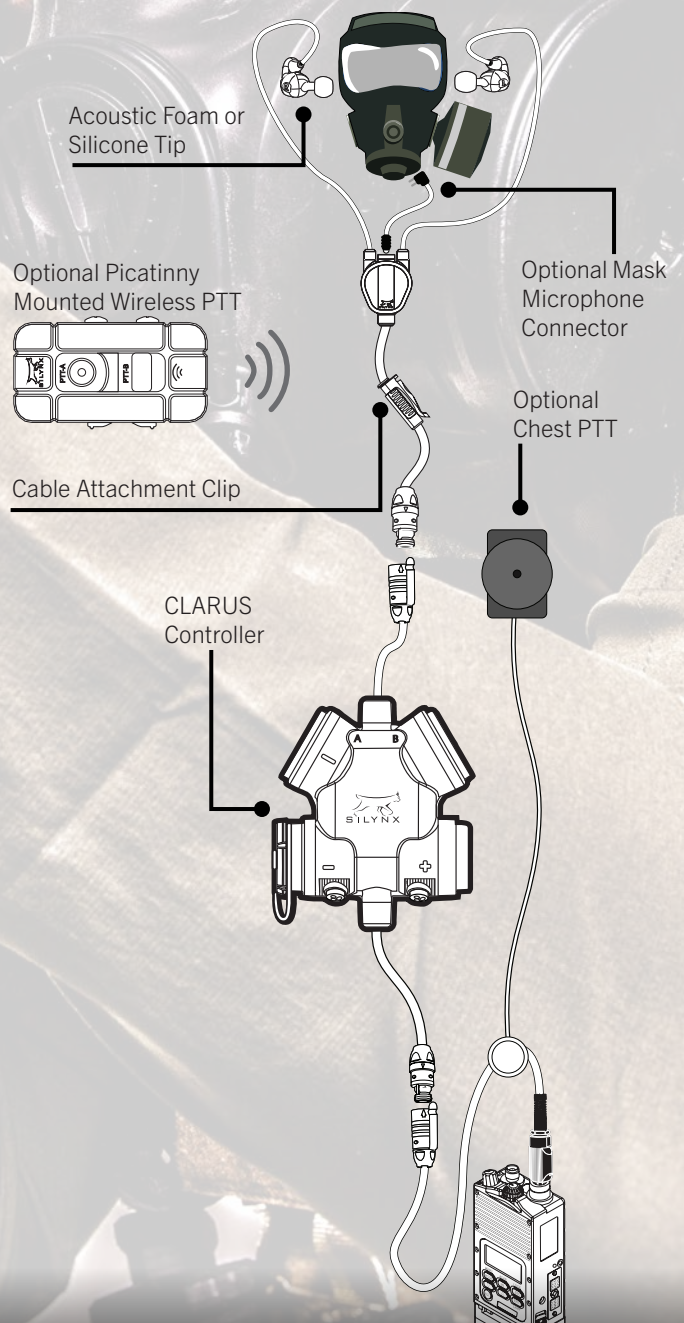
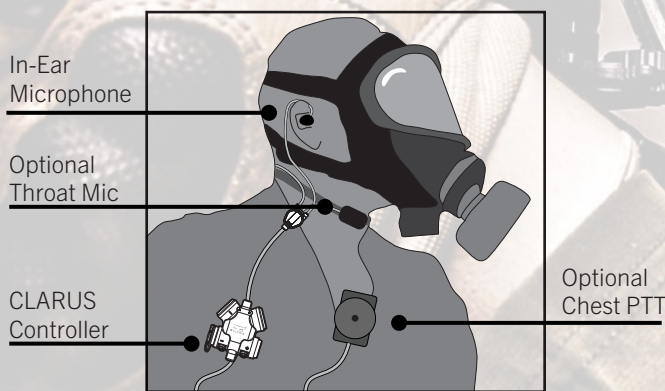
CLARUS HAZMAT GM is the world's smallest and lightest dual-comms HAZMAT headset system, designed to provide comfortable, reliable, and safe communication solution to users wearing CBRN or fire protection equipment.

Utilizing SilynX In-Ear sound protection technology, users are empowered with 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, under HAZMAT hood or full body protection suit.

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

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.