

# MSA CHIPS™ Communication System

## Circumaural Neckband Communication Headset

- ▶ High-noise hearing protection and communication
- ▶ Situation awareness using muff-mounted spy microphones
- ▶ Auto-switches from single- to dual-communication mode
- ▶ Single-cable down lead for all communication modes
- ▶ Maximum comfort with field-replaceable gel muff sealing rings
- ▶ 600-hour runtime using two AAA alkaline batteries
- ▶ Adjustable head strap integrates with ACH Ballistic Helmet
- ▶ NRR – 19 performance
- ▶ Can be used as standalone communication headset or in conjunction with In-Ear Communication Headset for extreme high-noise dual-protection applications

## In-Ear Communication Headset

- ▶ High-noise hearing protection and communication
- ▶ Situation awareness using ear plug-mounted spy microphones
- ▶ Auto-switches from single- to dual-communications mode
- ▶ Single-cable down lead for all communication modes
- ▶ Field-replaceable flange ear-sealing plug
- ▶ Bone-conductive microphone assembly
- ▶ Adjustable cable assembly eliminates snag issues
- ▶ Integrates with ACH Ballistic Helmet
- ▶ NRR – 29 performance
- ▶ Can be used as standalone as In-Ear Communication Headset or in conjunction with Circumaural Communication Headset for extreme high-noise dual-protection applications

## Low-Noise Communication Headset

- ▶ Low-noise communication headset
- ▶ Auto-switches from single- to dual-communication mode
- ▶ Single-cable down lead for all communication modes
- ▶ Electret condenser boom microphone assembly for voice transmission
- ▶ Bone-conductive speaker assemblies, tactical in nature
- ▶ Adjustable cable assembly eliminates snag potential
- ▶ Integrates with ACH Ballistic Helmet
- ▶ Used as Low-Noise Communication Headset or in high-noise environments with integration of an earplug

## CHIPS PTT Module

- ▶ Three communication modes, 2 long-range radio, 1 intercom
- ▶ Dual communication connectors, 1) muff or low-noise, 2) In-Ear
- ▶ Volume control, UP or DOWN
- ▶ MODE button
- ▶ Replaceable CR-123 battery
- ▶ Voice verification for radio connection(s), volume control adjustments
- ▶ 360-degree swivel connector attaches to the user's ballistic vest

# CHIPS Communication System Module

*Side view (R)*

*Front view*

*Back view*

(A) High-Noise Circumaural  
or

(B) Low-Noise Communication Headset

(C)

In-Ear High Noise  
Communication  
Headset

Swiveling latch

Battery cover

Volume UP

Radio 2 PTT Module

Volume DOWN

MODE button

Radio 1 PTT Module

Intercom PTT Module

Radio 2 connection cable

InterCom  
connection cable

Radio 1 PRC connection cable



**(A) High-Noise  
Circumaural Headset**



**(B) Low-Noise  
Communication Headset**



**(C) In-Ear High Noise  
Communication Headset**

**Note:** This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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