

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.....

MODE button

Radio 2 PTT Module

Radio 1 PTT Module

Volume DOWN

Intercom PTT Module

Radio 2 connection cable

Radio 1 PRC connection cable

InterCom
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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