



MICH Communication Systems

[Reliable, easy to use and durable]



MICH Communication Systems use an unobtrusive microphone/sound transmission system to provide interface capability with various military and other radio transceivers and intercom systems. MICH Systems can be worn alone or under the MICH (modular integrated communications helmet) ballistic shell.

The MICH Single-Communication package allows the operator to monitor a single radio. MICH Single-Communication indicators are offered for the ICOM IC-F3, MBITR PRC 148L and MBITR Maritime PRC 148M radio systems.

A two-port system that is compatible with a variety of radio communications systems, including those of the U.S. Army, Navy and Air Force, the MICH Dual-Communication System is the only system on the market that works with most military radios and intercom systems.

MSA Gallet MICH Systems have been field-tested and proven under the most strenuous combat conditions.

System Components

- One low-noise headset, for environments such as reconnaissance elements and long-range patrolling in which a minimal profile headset is required. Includes a bone microphone and two speakers with a quick-disconnect communication-box connector and helmet retention clip
- One headband, allowing the attachment of the acoustic electronics and communication without a helmet
- One high-noise headset with a bone microphone and a quick-disconnect communication-box connector
- One PTT (push-to-talk) communication box with connecting cable
- Protective box pocket with Velcro closure



The high-noise headset provides hearing protection above 82 dB with a noise reduction rating (NRR) of 22 and is ideal for use in areas where weapons may be fired. In addition, the headset provides amplification of ambient noise below 82 dB. The high-noise headset is waterproof to a depth of three feet for 30 minutes. Both the low- and high-noise headsets can be worn alone or under the MICH ballistic shell. (Shown with standard cloth camouflage cover and optional ear cup hygiene replacements.)



MICH Single-Communication Box

MICH Single-Communication System

- System facilitates hands-free use of radio
- Small, lightweight
- Material case attaches to combat attire with Velcro or snap for easy carrying
- PTT button is easily pressed with gloved hands
- Can be used in extreme environments: Tested to Mil Std Salt Water Spray test of 31 days of saltwater spray and dunk
- Temperature-tested with 72-hour soak at -40°F and 72-hour dunk at 160°F
- No interference over EMI sweep (50 V/M for frequencies between 1 MHz and 1 GHz)
- Designed for optimal durability—the communication box is potted, sturdy case material and strain relief on cables
- System is designed to be used with MICH and any eyewear
- System provides superior hearing protection and amplification
- Quick-disconnect headset connector

MICH Dual-Communication System



- Allows user to hear two radio communications or one radio and one intercom system
- Allows inter-branch plug-in to military communications systems
- Remote finger push-to-talk button frees both hands for firing weapons
- Works in extreme environments: Tested in salt water dunk
- System is easily integrated with MICH and any eyewear
- System provides superior hearing protection and amplification
- Optional Spare Parts Kit includes left-hand box pocket to accommodate all military personnel
- Quick-disconnect headset connector allows rapid intercom access and exit from military vehicles

Ordering Information

Description

MSA Part No.

Communication Systems

ICOM Single-Communication System	340004A
MBITR Maritime Single-Communication System	340007A
MBITR Land Single-Communication System	340006A
Motorola Astro® XTS™ Single-Communication System	10047078
MICH Dual-Communication System	340003A

Cables for Dual-Communication System

MBITR Maritime Cable	154014A
MBITR Land Cable	154010A
ICOM Army Cable	154009A
Motorola Saber Cable	154011A
MH/AH-6, MH-60K/L, MH-47D/E, MH-53 & MC-130 Aircraft Two-Prong TP-106 Intercom Cable	154015A
MH/AH-6, MH-60K/L, MH-53 & MC-130 Aircraft Single-Prong U-93 Intercom Cable	154016A
Motorola Astro® XTS™ Cable	10047582
Light Vehicle Intercom System Cable	340014A
Light Vehicle Intercom System Extension Box	340013A

Headsets

Standard high-noise headset with bone microphone	154002A
High-noise headset with boom microphone	154020A
High-noise headset with MBITR maritime connector and boom microphone	154018A
Low-noise headset with headband	154003A

MICH Dual-Communication Spare Parts Kit

kit includes: 2 PTT communication boxes, 2 High-noise headsets, 2 Low-noise headsets with headbands, 3 Left-hand protective covers, 3 MBITR land cables, 5 Ear cup replacement hygiene kits, 1 Soft headband cover for high-noise headset, 3 Helmet retention clips	340008A
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MICH Single-Communication System



MICH Dual-Communication PTT Box

MSA's new, lightweight Modular Integrated Communications Helmet (MICH), developed with the Special Operations Forces Special Projects Team at the U.S. Army Soldier Systems Center at Natick, Mass., is comfortable, reliable and provides improved communications capabilities. It allows a user full range of motion with load carriage systems and body armor, even when shooting in a prone position while wearing night-vision devices.



TC2000 Combat Helmet

Its unique pad foam suspension system allows users to configure the helmet for comfort by simply adding or removing pads, making it a universal fit with superior head protection and only two sizes.

Most importantly, the MICH has been a proven lifesaver during combat. Its ballistic properties enable it to stop a 9 mm bullet traveling 1,450 feet per second straight on, with no angle, with a high degree of survivability. It is the only helmet whose suspension bolts pass the same ballistic test as the shell, eliminating a potential point of entry.

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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