

MILITARY HEADSETS AND INTERCOM SYSTEMS



RUGGED, RELIABLE COMMUNICATION SOLUTIONS FOR AIR, LAND AND SEA ENVIRONMENTS

- AVIATION • MARINE • GROUND SUPPORT • TWO-WAY
- FIRE/RESCUE • HOMELAND SECURITY
- LIGHT ARMORED VEHICLES • SPECIAL OPERATIONS



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Visit our website at www.davidclark.com



David Clark Company is dedicated to designing, developing, and manufacturing communication solutions for the most demanding applications.

FLEXIBLE, RUGGED, AND DEPENDABLE SOLUTIONS

In the air, on the ground, or on the water, David Clark Company has the capability of providing unsurpassed noise-attenuating headsets and communication systems for virtually any environment the military forces may encounter.

SINGLE SOURCE FOR ALL SPECIAL COMMUNICATION REQUIREMENTS

Beyond our extensive array of COTS products, our experienced and responsive engineering team can develop a customized solution based on your needs.

DEMONSTRATED PERFORMANCE

The following is a sampling of special communication products included in our Military Project Resume:

LAND

- US Army – Portable Dual-Radio Communication System developed for use on light armored vehicles (Humvees).
- US Army – Multi-channel Communication System developed for White Sands Missile Range.



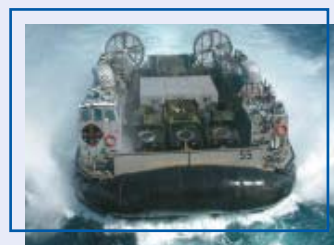
AIR

- US Air Force – Headset solutions used to pilot Unmanned Aerial Vehicles.
- US Air Force – Man-portable Surveillance and Target Acquisition Radar Systems headsets.
- Kennedy Space Center – Headsets developed for Launch Control during Space Shuttle liftoff.



SEA

- US Customs, US Border Patrol, US Coast Guard, US Navy and Foreign Military Service (FMS) – “Workboat” Intercom Systems that are immune to the marine and high-noise environment.
- Numerous headsets and communications systems developed at the request of the US Army, Air Force, Navy, and Marines for use in a variety of Special Operations applications.



Give us an opportunity to perform for you...today!

AIRCREW HEADSETS

MILITARY HEADSETS are available for use with LOW-IMPEDANCE radios (H10-76 Series) and for meeting either HIGH- or LOW-IMPEDANCE requirements (H10-66 Series) via select switch on the dome. Available in standard noise-attenuating or electronic noise-cancelling models that are designed to reduce low-frequency noise and provide increased attenuation with ENC activated. ENC headsets are available as portable battery powered (XL Series) or as permanent panel mount (XP Series) using the same headset.



H10-76 STANDARD NOISE-ATTENUATING LOW-IMPEDANCE HEADSET

- New comfort-gel, undercut ear seals (NSN 5965-01-516-8082)
- Most popular noise-attenuating headset ever produced for use with military radios
- Standard headset of the US Air Force, NATO and most airborne command centers
- AWACs, under command of NATO and the United States, use the H10-76 both in cockpit and communication operations
- Also used in ground-support operations
- NRR 24db
- NSN 5965-01-390-9240

H10-76XL ELECTRONIC NOISE-CANCELLING, LOW-IMPEDANCE HEADSET

- New super-soft, double-foam headpad (NSN 5965-01-519-5188)
- New comfort-gel, undercut ear seals (NSN 5965-01-516-8082)
- Advanced ENC technology provides an additional 17-22dB beyond already superior passive noise attenuation
- Versatility of portable battery-powered or permanent-mount options using the same headset
- Headband custom adjustment for perfect fit
- Dynamic, noise-cancelling M-87 microphone for clear, crisp communications
- Meets MIL-26542/2 (USAF) specifications. Ideal for aircraft requiring a low-impedance microphone
- Microphone terminal impedance nominally 5 ohms
- “FAIL-SAFE” operation. Electronically independent earphone drivers permit uninterrupted communication should ENC or its power source fail
- The H10-76XL (NSN 5965-01-462-8230) PORTABLE BATTERY POWERED – uses a portable battery-powered module providing up to 25 hours of use
- The H10-76XP (NSN 5965-01-520-5207) PERMANENT PANEL MOUNT – comes with a permanent panel mount module for utilizing the aircraft’s power source



AIRCREW HEADSETS

H10-66 STANDARD NOISE-ATTENUATING, DUAL-IMPEDANCE HEADSET

- High/Low impedance select switch on dome matches headset to radio impedance
- Undercut comfort-gel ear seals
- Hinged wire-boom with M-101 amplified dynamic microphone
- NRR 27dB
- 5-year guarantee
- FAA TSO approved C57 Cat. B and C58A
- Exceeds RTCA-DO-214 Standards
- NSN 5965-01-0360-0454



H10-66XL ELECTRONIC NOISE-CANCELLING, DUAL-IMPEDANCE HEADSET

- Battery-powered module
- One 9-volt battery for up to 25 hours of operation
- Undercut comfort-gel ear seals
- Hi-Low impedance switch
- Increased attenuation with ENC activated, additional 17-22dB
- Automatic shutoff feature included
- Patented flex/wire-boom with M-101 dynamic microphone
- Volume control with detent setting adjusts to preferred listening level
- NSN 5965-01-519-6398



GROUND SUPPORT HEADSETS



Ground Support Headsets are designed to facilitate communication when background noise or distance makes it extremely difficult to communicate. During ground-support operations, communication is critical to ensure the safety of everyone in the vicinity as well as the protection of the aircraft from accidental damage.

H7010 NOISE-ATTENUATING HEADSET

- M-101 Noise-cancelling microphone
- 30-inch straight cord with U174/U plug
- Noise-shielded microphone (muff) with on/off switch
- Soft headpad and ear seals guarantee exceptional comfort
- Snap-fastened nylon straps secure microphone muff to mouth
- Corrosion-resistant, chrome-plated headpad/stirrup assembly
- Extremely durable and reliable
- NRR 26dB
- NSN-5965-01-182-5727



H-133C/AIC NOISE-ATTENUATING HEADSET

- M-101/AIC Noise-cancelling microphone
- 30-inch straight cord with U93A/U plug
- Noise-shielded microphone (muff)
- Soft headpad and ear seals guarantee exceptional comfort
- Snap-fastened nylon straps secure microphone muff to mouth
- Corrosion-resistant, chrome-plated headpad/stirrup assembly
- Heavy duty and extremely reliable
- For noise levels to 140dB



PORTABLE COMMUNICATION SYSTEM (PCS)



The Portable Communication System is reliable, rugged, and designed to be moved from vehicle to vehicle with minimal effort.

The Portable Communication System (PCS) is designed for Light Armored Vehicles that encounter environments with harsh wind, sand, and moisture. Military grade and Soldier-Borne Connectors™ exemplify the toughness of this system.

Quality audio

Crisp and clear communication between crewmembers is essential to their safety and awareness while onboard these tactical vehicles. Lightweight, under-helmet earpieces allow full-duplex speech in high-noise environments (125dB), making crew aware of updates and/or threats.

When portability is crucial, this intercom/radio system excels.

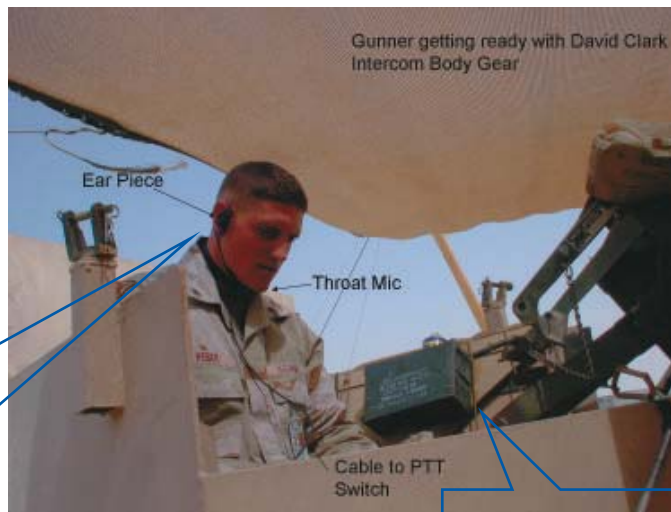
Quick-release disconnects for crewmembers and magnetic mounting enable the system to be moved quickly from vehicle to vehicle...when it counts.

Compatible with most radios

Compatible with most commercial and military radios (including SINCGARS and MBITR), our Commercial Off-The-Shelf technology is simple to operate and maintain while offering the cost effectiveness that the COTS program delivers.

Customization Options

Our team can tailor a system to your specific radio quantities, types, and number of crewmembers. For more information on tailoring this or other vehicle intercom systems, including custom requirements, please contact us directly.



SERIES 3800 Vehicle Intercom System



Series 3800 Vehicle Intercom Systems are engineered to solve the problem of communicating in high-noise environments, especially those associated with emergency operations during call response and at the scene. They enable personnel on the apparatus to communicate clearly, without interference from vehicle noise, including sirens. They have the option of connecting to mobile radios, allowing all personnel to listen to the radio and selected stations to transmit.

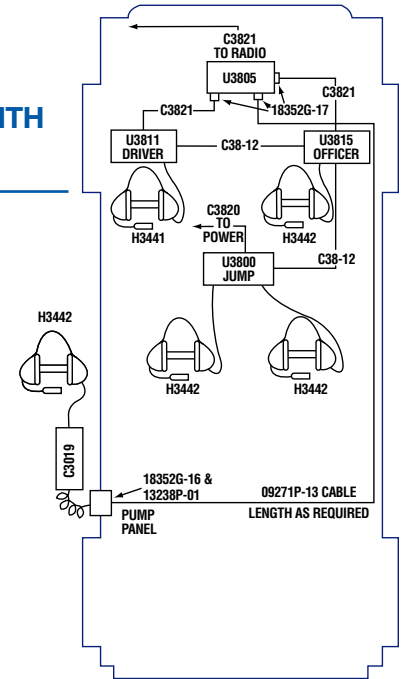
U3800 MASTER STATION

The “heart” of the system. One each is required. The U3800 will accommodate two headsets and should be placed where radio transmit function is not required.

Adjusts automatically for 12 or 24 VDC power source. Contains system on/off, master volume control, two headset jacks with listen-level controls, power input connector and two remote output connectors. Draws less than 600 milliamperes current.



ENGINE WITH PUMP PANEL FIVE POSITION



U3801 REMOTE HEADSET STATION

This simple headset station is used to expand the system, usually at the end of a series of headset stations. There are no output connectors to connect additional modules. It has one headset jack and a listen level control. Use where radio transmit is not required.



U3811 RADIO INTERFACE MODULE

Provides isolated radio transmit function for one headset and radio receive function for all users. Contains one radio PTT switch, one headset jack and listen level control, one system input connection and one radio input connection.



U3815 RADIO INTERFACE MODULE

Combines the transmit/receive functions of a mobile radio with the David Clark Series 3800 Intercom System. This module has one headset Jack with listen level control, one PTT switch, one radio input connector (C3821), two intercom connectors (C38-XX) and one connector allowing use of and optional Footswitch (40017G-04) or other remote PTT.

REPRESENTATIVE APPLICATION

Call us at 1-800-298-6235 for assistance in configuring a system for your specific application.

Modular Design – Rugged and serviceable. Reduces costly downtime on installation or module replacement. Very cost effective.

Weather Tight – All system components are designed for use in severe weather. All modules are manufactured using rugged, heavy gauge, polycarbonate (-80F to 212F) housing.

Industry Standard – In use by thousands of emergency service departments, the Series 3800 Vehicle Intercom System is an extremely versatile “workhorse” able to accommodate most vehicle and system design requirements.

Versatile – Can be installed on Fire Apparatus, Ambulances, Rescue Boats, Humvees, Utility and Construction vehicles of all types. If it rolls, floats or flies or not, David Clark Company has a solution to help you cope with high-noise environments.

All System Modules Covered by 5-Year Warranty

SERIES 3800 Vehicle Intercom System

HEADSETS

- Microphone: Noise-Cancelling M-7A Electret (nominal 50 ohm).
- Boom: Full flex for precise microphone positioning. Rotates 200° for left- or right-side placement.
- Earphone: Lightweight Dynamic (nominal 300 ohm) wired in series.
- Cord: Shielded 4-conductor, 5' Coil.
- Plug: PJ-051.
- Microphone: on/off button.
- NRR: 23dB.

Additional headsets are available for use with a safety cap or helmet. Headset models should be selected based on style and features best suited to your application.

Over-the-head Style



**MODEL H3432
HEADSET/
MICROPHONE**
Over-the-Head Style.

Behind-the-head Style



**MODEL H3442
HEADSET/
MICROPHONE**
*Designed to be worn
under helmets or safety caps.*

The Series 3800 Vehicle Intercom System Provides COTS Solutions for the Following Applications

- State and Federal Fire/Emergency Vehicles
- Military Aircraft Deicer Vehicles
- VIP Intercom System for UH-60 Blackhawk Helicopter
- Paint Striping Vehicles
- Light Armored Vehicles
- Utility/Bucket Vehicles



SERIES 3800 VIP INTERCOM SYSTEM FOR UH-60 BLACKHAWK HELICOPTER.

Provides isolated communication for up to 12 individuals and is ideal for military flight units and/or national guard units that are called upon to provide VIP transportation and overviews during disaster evaluation or other critical lifesaving operations. This air worthiness approved system will not interfere with flight crew.

Typical System Components Include:

- U3800 Master Station
- U3806 Dual Headset Stations
- H3530 Noise-Attenuating Headsets
- C35-08 Belt Stations

SERIES 3800 AIRCRAFT DEICER COMMUNICATION SYSTEM

is designed to solve the specific problem of communication during aircraft deicing, anti-icing, and maintenance operations. It is a rugged and reliable solution for this special application.

Typical System Components Include:

- U3800 Master Station
- U3801 Remote Head Station
- Headsets, minimum of 2
 - H3332 Headset – Over-the-Head
 - H3392 Headset – Single Ear
- C3820 Power Cord
- C38-25, 50, 75, 100 Jumper Cords



Noise-Attenuating Headsets and Adapters for Two-Way Mobile & Portable Radios

David Clark Company Incorporated provides Noise-Attenuating Headsets and Adapters for over 300 radios, both mobile and portable, from over 20 radio manufacturers.

Our new web page makes it easy to find the David Clark Headsets and Adapters you need. You can find this web page at www.davidclark.com or go directly to www.davidclark.com/TwoWay.



NOISE-ATTENUATING HEADSETS WITH NOISE-CANCELLING MICROPHONES

Headsets are available in two different styles, over-the-head or behind-the-head for use with a safety cap or helmet. All headsets require an adapter to connect to your radio.

Headset models should be selected based on style and features best suited to your application. All headsets, except single-ear and slotted-dome models, have a noise-reduction rating (NRR) of 24db. All headsets require an adapter to connect to your radio.



Over-The-Head, Dual Ear



Over-The-Head, Single Ear



Behind-The-Head, Dual Ear



Behind-The-Head, Slotted Dome



Behind-The-Head, Shielded Microphone

Adapters for Two-Way Portable Radios

David Clark Company Radio Adapters provide interface between David Clark Noise-Attenuating Headsets and Portable Radios.

Each belt-worn adapter features a belt clip, a positive action PTT switch, a rugged RFI-shielded cord terminating in a special plug connecting to your individual radio, and customized electronics to interface with your radio.

PTT RADIO ADAPTERS

- Jack to accept plug on headset
- Custom electronics for problem-free interface with a particular radio
- No radio modification required
- Belt Clip attached to belt or clothing
- Rugged RFI-shielded Cord



Adapters for Two-Way Mobile Radios

All Adapters for Two-Way Mobile Radios include the following:

- Jack to accept plug on headsets
- Belt Clip attached to belt or clothing
- Positive action PTT Switch
- Detented listen-level control
- Customized electronics to interface with your radio

RADIO ADAPTERS

Replaces Hand Microphone, Radio Specific

David Clark Radio Adapters provide interface between David Clark Noise-Attenuating Headsets and Mobile Radios

- Rugged RFI-shielded cord that terminates in a special plug for your radio, 15 ft extended



RADIO ADAPTERS – UTILITY

Retain Hand Microphone, Not Radio Specific

David Clark Company Adapters provide interface between Mobile Radios and Noise-Attenuating Headsets. Adapter connects to accessory port on radio, allowing the user to retain hand microphone on the radio.

- Rugged RFI-shielded cord, 15 ft extended



Model C3019: For DCCI Series 3000 Noise-Attenuating Headsets and Mobile Radios that provide bias voltage (8-16VDC) to the microphone through appropriate resistor.

Model C3019A: For DCCI Series 3000 Noise-Attenuating Headsets and Mobile Radios that **do not** provide bias voltage to the microphone but do provide (13.8VDC) switched battery voltage at the accessory connector.

Model C6001: For Series 6000 or 4200 Noise-Attenuating Headsets and Mobile Radios that provide bias voltage (5-15VDC) to the microphone through an appropriate bias resistor.

Series 6600i “Intrinsically Safe” Headsets and Adapters for Portable Radios

David Clark Company introduces its new Series H6600i Headsets and the DComSet with ear attachment and throat microphone for use with the new “Body-Type” C6600i Adapters.

Headsets are for use with portable radios and are “Intrinsically Safe” for use in hazardous environments.

SERIES H6600i HEADSETS

The Series H6600i products are certified “Intrinsically Safe” when used in combination with I.S.-approved radios. Headsets and adapters designated as “i” (Intrinsically Safe) can be used *only* with each other.

DComSet – CS6601i

Ideal for use under tight-fitting Haz-Mat apparel or helmets.

- Sleek earpiece design attaches to and slides behind ear for secure, comfortable fit
- Dynamic throat microphone

SERIES C6600i BODY-TYPE SWITCH ADAPTER

Belt Clip rotates 360 degrees, allowing the Body-Type Switch Adapter to be placed for easy access and eliminating the need to hold the radio.



Headset and Adapters designated as “i” (Intrinsically Safe) can be used *only* with each other. They are *not* compatible with other David Clark Company Headsets.



Behind-The-Head, Dual Ear



Behind-The-Head, Throat Microphone



Cap Attachable

SERIES 9500 Marine Intercom System



Series 9500 Marine Intercom System is built for the demanding marine environment. It is a rugged, watertight intercom system that provides crisp, clear intercom and radio communications in the demanding high-noise environments of “workboats,” including law enforcement, homeland security, fire/rescue, tug and towboats.

MASTER STATION

The U9500 unit is the heart of the system. The Master Station is used in conjunction with Series 9500 Noise-Reducing Headsets to provide clear, crisp intercom communication. In-line cables provide the interconnection and accommodate up to eight crew members, all of which have the ability to radio transmit. The system allows full duplex (simultaneous) communication between crew members — just like using a telephone. Compatible with most mobile VHF, UHF, and marine band radios, with the ability to connect up to three mobile radios (weather, police, etc). Rugged, corrosion-resistant housing and easy-to-operate control knobs and switches are designed to brave the elements.



NOISE-ATTENUATING MARINE HEADSETS

All Noise-Attenuating Marine Headsets include the following features:

- Extremely durable and reliable
- Corrosion-resistant stainless-steel hardware
- 8-foot coil cord length
- Undercut Comfort-Gel Ear Seals provide unsurpassed comfort
- Watertight M-87 noise-cancelling microphone
- Certified Noise Reduction Rating of 23dB
- Watertight connector with heavy-duty strain relief for reliability in marine environments
- Wire boom allows user to comfortably place microphone on right or left side
- Quick-disconnect type



**H9540
BEHIND-THE-HEAD-
STYLE MARINE
HEADSET**



**H9530
OVER-THE-HEAD-
STYLE MARINE
HEADSET**

BELT STATIONS & CORDS

Provides intercom and radio transmit capability for Series 9500 Headsets.



U9510BS BELT STATION

The U9510BS Belt Stations have been specifically designed for the harsh marine weather. The housing is weather tight and RFI shielded for increased reliability and superior resistance to the elements, providing long-lasting service. The unit has keyed watertight connectors with high cycle rates for simplified and long-lasting operation.

C95-12BS and C95-15BS BELT STATION CORDS

The C95-12BS and C95-15BS Belt Station Cords provide connection from the U9510BS Belt Station to the Series 9500 System Cables. Both cords provide user mobility and extended movement.

- C95-12BS Belt Station Cord – 12-foot straight cord
- C95-15BS Belt Station Cord – 15-foot (extended) coil cord

SYSTEM CABLES

In-line cable assemblies are available in lengths of 10, 20, and 30 feet with breakaway connectors.

- C95-10LN – System cable in 10-foot length
- C95-20LN – System cable in 20-foot length
- C95-30LN – System cable in 30-foot length

HELMETS

FLIGHT DECK HELMET ASSEMBLY

Developed specifically for the flight decks of all US aircraft carriers, this unique bump helmet provides impact protection while using hearing protectors or noise-attenuating headsets in one of the most hostile environments on earth.

This Ground Support Helmet has three components: a suspension liner, a front and a back shell assembly, and energy-absorbing impact pads.

The “one-size-fits-all” helmet liner, constructed of cotton/polyester and nylon mesh, provides excellent ventilation and long-term comfort. A hook & pile fastener chin strap assures easy on and off as well as a snug fit every time. It is available in dark brown or khaki.

Shells are available in white, black, brown, blue, green, red, yellow and purple.

Shown with Model 9AN/2 Hearing Protector



SERIES K10 HELMET ASSEMBLY

Use of the K10 Helmet Kit will add impact protection to your hearing protector or noise-attenuating headset.

David Clark Series K10 Helmet Kits have three components: a suspension liner and a protective nape pad that attaches to an energy-absorbing helmet shell.*

The suspension liner is made of brown cotton/polyester cloth and nylon mesh, which provides excellent ventilation. One size fits all. The tan-colored helmet shell is a high-strength, lightweight, injection-molded nylon, reinforced with energy-absorbing impact pads.

The nape pad is a rubber sponge with a soft black leather covering.

The Helmet Assembly accommodates an oxygen or breathing mask and a variety of commercially available visors and face shields.

Shown with Over-The-Head-Style Hearing Protector

* Manufactured to military specification MIL-H-85047A.

HEARING PROTECTORS



MODEL 10A/10AS

Our most popular hearing protector. Provides superior noise-attenuation. Adjustable headband and stirrup assembly assure long-term wearing comfort. The standard against which all other hearing protectors are measured. **NRR: 23dB**



MODEL 19A

Same design and quality as the Model 10A but with a deeper dome for greater attenuation in the low frequencies. **NRR: 27dB**

MODEL 9AN/2

Similar to Model 19A, but manufactured to military specifications, SAE-AS23899. Beige ear cups.



MODEL 27

Deluxe hearing protector combines excellent attenuation, especially at low frequencies, with unsurpassed comfort. Features uniquely shaped ear domes, cushioned headpad and tough foam-filled ear seals. **NRR: 22dB**



MODEL 805V

Behind-the-head-style headband and dome are designed for use with safety caps. Dome connection allows articulation for instant fit under safety cap. Adjustable hook & pile support strap fits over the head and under the safety cap. **NRR: 23dB**



MODEL 310

“TRI-FIT” style; over-the-head, under-the-chin or behind-the-head hearing protector. Excellent attenuation and flexibility make this hearing protector an excellent choice for your hearing protection program. **NRR: 24dB (over-the-head) NRR: 20dB (behind-the-head) NRR: 20dB (under-the-chin)** NSN 4240-00-022-2946



ACCESSORIES & SPARES



UNDERCUT, COMFORT-GEL EAR SEALS

Softer, more supple and form fitting with an “undercut” shape that provides more room for your ears. The larger, yet lighter, ear seals cradle the ears with unsurpassed comfort.

Compatible with all David Clark Company headsets except H20-Series

P/N 40863G-02 (1 pair)
NSN 5965-01-516-8082



PILLOW HEADPADS

Made of super-soft foam with cloth cover or natural black-dyed sheepskin, these replacement headpads place a soft cushion on top of your head, eliminating discomfort from “hot spots.”

P/N 18900G-45 Super-Soft Foam
NSN 5965-01-408-7262
P/N 40592G-01 Sheepskin



SUPER-SOFT, DOUBLE-FOAM HEAD PAD KIT

The new Super-Soft, Double-Foam Headpad Kit will improve the comfort and “wear-ability” of all H10-76 Headsets. It is wider and more tapered with 60% more surface area in contact with the head to dissipate headset weight. Its unique center “hinge” actually lets the headpad “breathe” for greater comfort.

P/N 40688-G 36
NSN 5965-01-519-5118



HEADSET CARRY BAG

This fitting complement to any David Clark Headset has been carefully chosen for its simplicity, quality and workmanship. Split front pockets and full-size, full-width rear pocket, ideal for holding a clipboard. Black on black with DC logo in lower right corner.

P/N 40688G-08
NSN 8460-01-516-9893



EAR SEAL COMFORT COVERS

Soft double-knit, 100% cotton ear seal cover. Perfect for hot, humid weather. Absorbs perspiration and is washable. Comfort Cover fits over all standard-size ear seals. Not to be used with H20-Series or ENC headsets.

P/N 22658G-01 (1 pair)
NSN 5965-01-384-7670



MICROPHONE PROTECTOR

Cloth mic-muff with drawstring. Protects microphone from moisture. Fits all microphones.

P/N 18434G-02
NSN 5965-01-438-6928

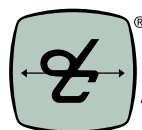
MICROPHONE PROTECTOR, M-4

P/N 40062G-01
NSN 5965-01-341-3837

MICROPHONE PROTECTOR, M-7

P/N 40062G-02
NSN 5965-01-424-3296

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