



# HAND SETS & HEAD SETS FOR TACTICAL RADIO COMM. EQPT.



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SIC offers proven design, comfortable, durable and versatile tactical handsets for military, police and other special forces for ground, air and marine operations for reliable communication needs. These handsets are intended for use with PRC series **military** man-pack **radio** equipment. Our handsets are manufactured as per US Military Standards and are conforming to relevant Military specifications.

## H-189/GR HAND SET

**H-189/GR HANDSET** is a rugged, repairable unit, molded out of polycarbonate lexan. It can be utilized interchangeably with the H-250 handset.

- Military Specification: MIL-H-55258B (EL), MIL-H-49078 (EL)
- Color: Black.
- Earphone: 1000 ohm.
- Microphone: 150 ohm.
- PTT Switch: Witch make/ break sequence.
- Cable: 12" retractable coiled cord extends to approximately. Terminated with a **U-229/U** connector.

## HANDSET H-189/GR



### SPARES FOR H-189/GR HAND SET

**5935-00-933-7070** SCREW, MACHINE

**5930-00-933-6816** RETAINER/COVER, SWITCH

**544227** GOLD CONTACT ASSEMBLY

**544233** BREATHER, METAL

**5330-00-933-7072** RUBBER, EARPHONE PACKING

**5965-00-933-6893** COVER, EARPHONE (CAP)

**5330-00-933-7073** O RING, RUBBER, MICROPHONE

**5965-00-933-7020** COVER, MICROPHONE (CAP)

**5935-00-992-2035** U-229/U CONNECTOR

**5975-00-933-7075** BOOT, DUST (RUBBER)

**5930-00-933-6815** SWITCH, PUSH (PTT)

**5965-01-167-3495** HANDLE ASSEMBLY

**5965-00-933-6897** EARPHONE ELEMENT

**5965-00-933-6895** SHIELD, EARPHONE

**5965-00-933-6896** MICROPHONE ELEMENT

**5965-00-933-6894** SHIELD, MICROPHONE

**5995-00-933-7180** CABLE ASSEMBLY, COMPLETE

## H-250/U HAND SET

**H-250/U HANDSET** is a Microphone-Receiver Handset used for tactical field communications requirements. It is manufactured to U.S. Military Specifications and is normally utilized with Military Man-Pack Radio Equipment, such as AN/PRC-77 etc. The Microphone Element in this handset H-250 is noise canceling. The Handset is equipped with a Press-To-Talk switch and 6 feet (extended) retractile cord, terminating in a 5 pin audio connector (U-229U).

- **Color:** Black
- **Earphone:** 1000 Ohms as per MIL-PRF-49078
- **Cable:** 14" Retractable coiled cord (**SM-D-627669**) extends to approximately 6ft; Standard termination is **U-229/U** connector.
- **Microphone:** 150 Ohms as per MIL-PRF-49078
- **Switch:** Push-to-Talk with Make/Break sequence (**SM-C-627671**)

## HANDSET H-250/U



## H-350/U HAND SET

**H-350/U HANDSET** is now the standard handset used for tactical field telephone sets. It is utilized with both analogue and digital voice terminals such as the TA-954/TT Digital Non-Secure Voice Terminal. Unlike its twin brother, (the H-250/U), the H-350/U is not compatible with radio equipment sporting 6 pin audio connectors. The principle design of this handset is to provide 'hot mic' capabilities thus allowing for full-duplex operation over telephone circuits. This is accomplished by changing the method by which the microphone is wired to the PTT switch and by the addition of an extra ground lead to the microphone capsule and pin F of the audio connector. The H-350/U features a press-to-net radio interface switch for activating remote radio transceivers, a retractile cord and is terminated with a 6 pin audio connector.



Other specs are similar to H-250/U Handset.

## HANDSET H-350/U





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## H-207/VRC HAND SET

**H-207/VRC HANDSET** consists of a microphone, receiver, PTT switch and transformer mounted in a high-impact plastic case for transmitting and receiving voice-frequency signals. The microphone has two elements, each under a separate opening, for cancellation of outside noise. The H-207/VRC is utilized primarily for infantrymen outside a tank, an armored personnel carrier or a vehicle, for the purpose of communicating to those crew members inside. The cord assembly is terminated with five spade lugs that mount to a remote-control box, generally designated as the C-2296/VRC control box.

- **Cable:** Rubber jacketed coiled length 122cm (48inch) Extended 610cm (240inch)
- **Switch:** Push-to-Talk with Make/Break sequence

### SPARES FOR H-207/VRC HAND SET

- [5930-00-857-1012](#) (SM-C-448305) Switch
- [5950-00-857-1010](#) ((SM-C-415585) Transformer
- [5950-00-857-1022](#) ((SM-D-415653) Cord Assy
- [5950-00-857-1033](#) ((SM-C-415659) Boot
- [5965-01-193-6894](#) ((SM-C-415594) Mouthpiece, Microphone
- [SM-D-415603](#) Element, Microphone **Dynamic 150** Ohms

- [SM-B-415580](#) Retainer
- [SM-B-415587](#) Bracket
- [SM-B-415588](#) Earphone Assy
- [SM-D-415578](#) Handle Assy
- [SM-C-415593](#) Shell, Earphone
- [SM-C-415599](#) Element, Earphone **Dynamic 150** Ohms

## HANDSET H-207/VRC



## H-207A/VRC HAND SET

**H-207A/VRC HANDSET** is designed to replace the officially obsolete H-207/VRC. The H-207A/VRC is functionally interchangeable with H-207/VRC (However components/parts are not interchangeable).

- **Color:** Black
- **Earphone:** 1000 Ohms per MIL-PRF-49078A
- **Cable:** 20' Extended rubber jacketed cable terminated with AMP spade lugs.
- **Microphone:** 150 Ohms per MIL-PRF-49078A
- **Switch:** Push-to-Talk with Make/Break sequence

## HANDSET H-207A/VRC



## H-60/PT HAND SET

**H-60/PT HANDSET** The H-60/PT is a communications handset with an integral push-to-talk switch. It is manufactured to US military standards and is ruggedized for use in extreme environmental conditions. The handset is supplied with a 1.8 m (extended) retractile cord assembly, terminating in solder less terminals. The H-60 contains built-in circuitry to limit maximum acoustic output of the handset receiver and to prevent receiver element damage caused by high transient voltages.

This handset is intended for use with wire and radio communication equipment in locations with extreme environmental conditions. The handset H-60/PT is also being used with tactical intercom stations and field telephones.

## HANDSET H-60/PT



## M-80C/U MICROPHONE HAND SET

**M-80C/U MICROPHONE** is a handheld microphone molded in polycarbonate lexan. This is a standard microphone used for tactical field communications equipment. It is utilized with man pack and fixed station radio and telephone equipment. The M-80C/U features a press-to-talk switch, a retractile cord and is terminated with a 5 pin U-229U audio connector. The microphone is of the noise-cancelling type.

**SPECIFICATION:** PER MIL-E-55119A

**Cable:** 12" Retractable coiled (5 conductors) Extends to approximately 6ft.

## MIC HANDSET M-80C/U



### SPARES FOR M-80C/U MICROPHONE HAND SET

- [SM-C-317103](#) Cap front
- [544227](#) Gold contact assembly
- [544233](#) Breather, metal
- [5930-00-933-6815](#) Switch, push
- [5930-00-933-6816](#) Cover, switch

- [5965-00-252-5800](#) Microphone element
- [317094](#) Case, microphone
- [5305-00-933-7070](#) Screw, machine
- [5975-00-933-7075](#) Boot dust, rubber
- [5995-00-933-7180](#) Cable assembly, complete



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## H-161D/U HAND SET MICROPHONE

**H-161D/U HEADSET MICROPHONE** Dual sided headset microphone chest set, Beryllium copper vinyl covered headband with vinyl tube head pad.

**Specifications:** MIL-E-55119A **Color:** Green

**Earphone:** Two 1000 Ohm Earphones [SM-B-933877](#)

**Microphone:** [M-138/G](#) as per MIL-PRF-26542/10

**Cables:** Upper Cable [CX-8652/GR](#) Lower Cable [CX-8650B/GR](#)

**Switch:** Chest set type switch, Toggle with Intercom (Lock), Radio Off.

**NSN:** 5965-01-439-4482 5965-01-104-0947

**Note:** The [H-161C/U HEADSET](#) headset-microphone, NSN 5965-00-179-3789, is the same except the earphones are H-269/G (15 Ohm) with 1000 Ohm, matching transformers built into the ear cups..

### SPARES FOR H-161D/U HEAD SET

[5965-00-079-2360](#) HEADBAND ASSEMBLY

[5995-00-426-1100](#) HEADBAND CABLE ASSEMBLY

[5965-00-815-2525](#) EARPHONE RETAINER

[6625-00-402-5212](#) BOOM SUPPORT ASSEMBLY

[5995-00-051-3088](#) CABLE ASSEMBLY CX-8652/GR

[5965-00-930-0127](#) CHEST SWITCH ASSEMBLY

[5965-00-615-7897](#) TOGGLE SWITCH MS-35059-31

[H161D-001](#) EARPHONE CUP

[5965-00-135-0506](#) EARPHONE SM-B-933877

[5965-00-815-2525](#) EARPHONE CUSHION

[5965-00-937-1851](#) MICROPHONE M-138/G

[5965-00-086-6720](#) NECK STRAP ASSEMBLY

[5995-00-999-0747](#) CABLE ASSEMBLY CX-8650B/GR

[5935-00-992-2035](#) U-229/U CONNECTORS

## HEADSET H-161D/U



## H-161E/GR HEAD SET MICROPHONE

**H-161E/GR HEADSET MICROPHONE** Dual sided headset microphone chest set, Beryllium copper vinyl covered headband with vinyl tube head pad.

**Specifications:** Medium noise attenuating as per MIL-H-83511/4 **Color:** Black

**Earphone:** Two 1000 Ohm Earphones [SM-B-933877](#) as per MIL-H-49161

**Microphone:** [M-138/G](#) as per MIL-PLF-26532/10 (150 Ohms)

**Cables:** Upper Cable [CX-8652/GR](#) Lower Cable [CX-8650B/GR](#)

**Switch:** DPDT Toggle for Radio and Intercom communications.

**NSN :** 5965-01-148-3396

### SPARES FOR H-161E/GR HEAD SET

[H-161E-001](#) EARPHONE RETAINER

[H-161E-002](#) HEADBAND ASSEMBLY

[5995-00-426-1100](#) HEADBAND CABLE ASSEMBLY

[5995-00-999-0747](#) CABLE ASSEMBLY CX-8650B/GR

[5965-00-930-0127](#) CHEST SWITCH/STRAP ASSEMBLY

[5965-00-937-1851](#) MICROPHONE M-138/G

[H-161E-001](#) EARPHONE RETAINER

[5965-00-135-0506](#) EARPHONE SM-B-933877

[H-161E-003](#) EARPHONE CUSHION ASSEMBLY

[H161D-001](#) EARPHONE CUP

[5995-00-051-3088](#) CABLE ASSEMBLY CX-8652/GR

[5965-00-880-0732](#) BOOM ASSEMBLY

[5965-00-086-6720](#) NECK STRAP ASSEMBLY

[5965-00-135-0506](#) EARPHONE SM-B-933877

## HEADSET H-161E/GR



## H-161F/GR HEAD SET MICROPHONE

**H-161F/GR HEADSET MICROPHONE** Dual sided headset microphone chest set, Beryllium copper vinyl covered headband with vinyl tube head pad.

**Specifications:** Medium noise attenuating as per MIL-H-83511/C **Color:** Black

**Earphone:** Two 1000 Ohm Earphones [SM-B-933877](#) as per MIL-H-49161

**Microphone:** [M-138/G](#) as per MIL-PLF-26542/10 (150 Ohms)

**Cables:** 3 Conductor with Shield, upper cable mounts directly into switchbox; lower cable as per SM-D-937438 terminated with two U-229/U Connectors and a pair of AJ-107BR and AP-107BR Bailout connectors. (Fully interchangeable with CVC Headset lower cable.)

**Switch:** DPDT Toggle for Radio and Intercom communications.

**NSN :** 5965-01-148-3396

### SPARES FOR H-161E/GR HEAD SET

[H-161F-001](#) EARPHONE RETAINER

[H-161F-002](#) HEADBAND ASSEMBLY

[5995-00-302-7521](#) LOWER CABLE ASSEMBLY

[5965-00-930-0127](#) CHEST SWITCH/STRAP ASSEMBLY

[5935-01-553-8058](#) AP-107BR CONNECTOR

[5965-00-135-0506](#) EARPHONE

[H-161F-003](#) EARPHONE CUSHION ASSEMBLY

[5965-00-937-1851](#) MICROPHONE M-138/G

[5965-00-086-6720](#) NECK STRAP ASSEMBLY

[H-161F-004](#) AJ-107BR CONNECTOR

## HEADSET H-161F/GR







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## H-182/PT HEAD SET MICROPHONE

**H-182/PT HEADSET MICROPHONE** is intended for use with Telephone Set TA-312/PT and Switchboard SB-22. If required, it may be worn with combat helmet M-1. Telephone or radio signals are continuously monitored. The microphone functions are switch selected; push-to-talk telephone transmission, continuous telephone transmission, and push-to-talk radio transmission. The H182/PT is a small unit designed to be stored in the top cover of Switchboard SB-22 or folded and carried in the pocket of a combat field jacket.

**Earphone:** Dynamic Earphone Impedance : 150 ±15 Ohms (1 KHz) **TA-235/PT**

**Microphone:** **M-35SUB** Carbon microphone Impedance : 35 ±3.5 Ohms (1 KHz)

**Cable:** Terminated with U-161/U connector

**NSN :** 5965-32-069-8885

## HEADSET H-182/PT



## H-182A/PT HEAD SET MICROPHONE

**H-182A/PT HEADSET MICROPHONE** is intended for use with Telephone Set TA-312/PT and Switchboard SB-22. If required, it may be worn with combat helmet M-1. Telephone or radio signals are continuously monitored.

**Specifications:** Medium noise attenuating as per MIL-H-83511 **Color:** Black

**Earphone:** Two each DYNAMIC 300 Ohm **H-143-300**

**Microphone:** Electret microphone as per MIL-H-83511/8

**Cables:** Retractable 7 conductor, rubber jacket terminated with a U-161/U or U-77/U Conn

**Switch:** Plastic 3 position Switch with Lock-On capabilities (Tel, Radio, Off).

**NSN:** 5965-01-205-6249

## HEADSET H-182A/PT



### SPARES FOR H-182A/PT HEAD SET

**5930-00-037-7157** SWITCHBOX ASSEMBLY (H-182)

**5965-01-290-7033** HEADPAD ASSEMBLY

**P/N5995-00-848-7662** CABLE ASSEMBLY CX-4434/U (SHORT)

**5935-00-577-8677** CONNECTOR U-161/U

**H182A-001** EARPHONE 300 OHMS

**H182A-002** ELECTRET MICROPHONE 5075

**H182A-003** EARPHONE CUSHION ASSEMBLY

## H-200/U SOUND POWERED HEADSET/CHESTSET

**H-200/U SOUND POWERED HEADSET/CHESTSET** is Sound powered and it requires no external power source. It has Two receivers – one in each earpiece; H-202/U has hard earpiece shells for use in noisy environments. For use with AN/WTC-2(V) system and AM-2210/WTC Sound Powered Telephone Amplifier. Contains press-to-talk switch that connects headset transmitter to the SPT line. 20 ft long cord Terminated with plug (UA1000 / H-39A) for connection to standard SPT jacks and jackboxes. Dimensions: 9" H x 9" W x 4.5" D Weight: 3.7 lbs.

**NSN:** 5965-00-900-6401

## HEADSET H-200/U



### SPARES FOR H-200/U HEAD SET

**5965-00-475-2759** Mouthpiece

**5340-01-337-8347** Chest plate

**5995-01-072-2050** Transmitter cord set

**5965-01-347-1670** Ear cap shell (left and right hand)

**5965-00-691-9111** Receiver element

**5965-00-617-4140** Headband assembly

**5965-01-347-1479** Transmitter housing Assembly with cord set

**5340-00-772-7512** Neck strap

**5995-01-072-2049** Receiver cord set

**5965-01-337-7929** Ear pad

**5965-00-877-9197** Transmitter element

**5965-00-439-6287** Headband cover

## H-325/G HEADSET MICROPHONE

**H-325/G HEADSET MICROPHONE** is a light weight single-sided headset, with a dynamic earphone and dynamic noise cancelling microphone. Its light weight shielded cord is terminated into a U-229/U Connector.

**Specifications:** confirming to MIL-H-49092 **Color:** Green Ear cup

**Earphone:** SM-B-933877 as per MIL-H-49161(EL) 1000 Ohms

**Microphone:** M-138/G as per MIL-PRF-26542/10

**Cables:** 6ft Retractable cord 5 conductors terminated with a U-229/U Connector.

**NSN :** 5965-01-141-3938 (SM-D-813544)

## HEADSET H-325/G



### SPARES FOR H-325/G HEAD SET

**5965-00-058-1288** Headband Assembly

**5965-00-010-6529** Headband Cover

**5965-00-058-1246** Ear Cushion Assembly

**SM-C-938074** Cable Assembly

**5965-00-214-4074** Bracket Headband Assembly

**5965-00-135-0506** Earphone Element

**5965-00-937-1851** M-138/G Microphone