

# Supreme<sup>®</sup> Pro **Communications Systems**

MSA has a wide range of two-way communication headsets, providing clear and trouble-free communication. We also offer a variety of Push-to-Talk (PTT) boxes, connecting to most well-known radio brands.



Supreme Pro headsets offer high-performance electronic circuits that compress sound, rather than cut it off. Ambient sound is detected by two microphones outside the cup, and reproduced through speakers inside. This helps prevent damage from harmful noises (such as gunshots) while enabling the wearer to hear important, yet harmless ones (such as commands and instructions). With Supreme Pro, your hearing is always protected, but you are never isolated.

**WE KNOW WHAT'S AT STAKE.**

# Supreme Pro Headsets

**Classification:** Supreme Pro, Single Communication, Electret MIC

**Market(s):** Military and law enforcement

**Application(s):** High and/or impulse noise environments

- Features:**
- Black cups; designed for both left and right-handed shooters
  - Waterproof battery compartment
  - Water/splash-proof, noise-cancelling Electret microphone
  - Low battery warning and save functions (~600 hrs of battery life)
  - Foldable
  - Heavy duty downlead included
  - Audio Input (AUX) and 3.5 mm mono jack plug
  - PTT available (sold separately)

**Standards:** Meets ANSI S3.19-1974

	Product Name	Part No.	NRR	Product Features	Comm Type
	Supreme Pro Headset, Headband	10079965	21 dBA	<ul style="list-style-type: none"> <li>• Right MIC</li> <li>• Leather headband cover</li> </ul>	Single
	Supreme Pro Headset, Neckband	10079962	19 dBA	<ul style="list-style-type: none"> <li>• Right MIC</li> <li>• Cloth neckband</li> </ul>	Single
	Supreme Pro Headset, Headband	10079964	21 dBA	<ul style="list-style-type: none"> <li>• Left MIC</li> <li>• Leather headband cover</li> </ul>	Single
	Supreme Pro Headset, Neckband	10079967	19 dBA	<ul style="list-style-type: none"> <li>• Left MIC</li> <li>• Cloth neckband</li> </ul>	Single



## What is the difference between Electret and Dynamic Microphones (MICs)?

*All microphones convert sound into electrical energy. Most MIC models are either capacitor (electrostatic) or dynamic (electromagnetic) types.*

*Electret MICs are the most commonly used microphones today, and are found in cell phones and laptops. Electret MICs are electrostatic, and use a diaphragm made from an insulating material that has a permanent electrical charge attached. They often have an extremely wide frequency range, and offer great high-frequency response.*

*Dynamic MICs are electromagnetic, and use a lightweight diaphragm attached to a wire coil suspended in a permanent magnet field. Dynamic microphones are most effective when working with loud sounds, as well as sounds that don't have a significant amount of high-frequency noise. They are also very robust, making them a good choice for tough conditions.*

# Supreme Pro Headsets





**Classification:** Supreme Pro, Single Communication, Dynamic MIC

**Market(s):** Military and law enforcement

**Application(s):** High and/or impulse noise environments

- Features:**
- Single and Dual Communication options
  - Green cups; designed for both left and right-handed shooters
  - Low battery warning and save functions (~600 hrs of battery life)
  - Waterproof battery compartment
  - Water/splash-proof, noise-cancelling Dynamic microphone
  - Heavy duty downlead(s) included
  - Foldable
  - Audio Input (AUX) and 3.5 mm mono jack plug
  - Quick disconnect from PTT cable
  - PTTs available (sold separately)



**Standards:** Meets ANSI S3.19-1974

	Product Name	Part No.	NRR	Product Features	Comm Type
	Supreme Pro Headset, Headband	10053612	21 dBA	<ul style="list-style-type: none"> <li>• Left MIC</li> <li>• Headband cover purchased separately</li> </ul>	Dual
	Supreme Pro Headset, Neckband	10085536	19 dBA	<ul style="list-style-type: none"> <li>• Left MIC</li> <li>• Cloth neckband</li> </ul>	Dual
	Supreme Pro Headset, Neckband	10085209	19 dBA	<ul style="list-style-type: none"> <li>• Left MIC</li> <li>• Headband cover purchased separately</li> </ul>	Single
	Supreme Pro Headset, Neckband	10085537	19 dBA	<ul style="list-style-type: none"> <li>• Right MIC</li> <li>• Cloth neckband</li> </ul>	Dual
	Supreme Pro Headset, Neckband	10085538	19 dBA	<ul style="list-style-type: none"> <li>• Right MIC</li> <li>• Cloth neckband</li> </ul>	Single








*“Headsets” refer to hearing protectors that house both hearing protection and communication systems, whereas “muffs” refer to a hearing protector that does not also offer an integral communication system.*

## Hygiene Kits

	Product Name	Part No.	Product Features
	Hygiene Kit, Gel	10082377	• For Supreme Pro and Supreme Pro X products
	Hygiene Kit, Foam	10061294	• For Supreme Pro and Supreme Pro X products

## Supreme Pro Accessories

Supreme Pro Accessories are designed for use with Supreme Pro products. They are made to easily handle the extreme conditions for which Supreme Pro products are equipped.

	Product Name	Part No.	Product Features
	Carrying Bag for Communication Headsets	10054739	• Made of high-performance CORDURA® fabric • Nylon webbing handle
	Neckband Cover	10095601	• Black • For Neckband Headsets
	Replacement Headband	10159754	• Black • For Neckband Headsets
	Headband Cover	10092609	• Camouflage • For Headband Headsets • Can be laundered
	Headband Cover	10149427	• Black • For Headband Headsets • Can be laundered

## Supreme Pro Push-to-Talk (PTT)

PTTs are designed to connect the headset to radios allowing for 2-way communication. The Supreme Pro PTTs offer water-proof black casing; a 520 mm cable(s); easy to locate, robust push-to-talk buttons; and a securing clip. PTTs can be connected to the radios as listed in the table on the following pages.

			
Part No. 10101918 ICOM 2.5/3.5mm Straight Overmolded Connector without volume control	Part No. 10101919 ICOM 2.5/3.5mm Straight Overmolded Connector with volume control	Part No. 10101938 M/A-COM Assembled Connector without volume control	Part No. 10101939 M/A-COM Assembled Connector with volume control

# Supreme Pro Push-To-Talk (PTTs)



MSA PTT Part No.	Radio Manufacturer	Manufacturer Radio Model	Volume Control?	Connector Type
10101916	E.F. JOHNSON	5100	NO	Assembled Connector
10101917	E.F. JOHNSON	5100	YES	Assembled Connector
10101918	ICOM	F3S, F3, F4, F4S, F4TR, F10, IC-H2, H6, J12, M5, U12, U16, IC4008, F20	NO	2.5/3.5mm Straight Overmolded Connector
10101919	ICOM	F3S, F3, F4, F4S, F4TR, F10, IC-H2, H6, J12, M5, U12, U16, IC4008, F20	YES	2.5/3.5mm Straight Overmolded Connector
10101920	ICOM	F3G, F3GS, F4G, F4GS, F3GT, F4GT	NO	2.5/3.5mm Straight Overmolded Connector
10101921	ICOM	F3G, F3GS, F4G, F4GS, F3GT, F4GT	YES	2.5/3.5mm Straight Overmolded Connector
10101922	ICOM	F30GT, F40GT, M88, M87, F50, F51, F70, F61, F60, F30GS, F40GS, F80, F70, F41G, F31G, F3061, F4061	NO	Assembled Connector
10101923	ICOM	F30GT, F40GT, M88, M87, F50, F51, F70, F61, F60, F30GS, F40GS, F80, F70, F41G, F31G, F3061, F4061	YES	Assembled Connector
10101924	KENWOOD	TK272G, TK372G, TK3130 ProTalk XLS, TK3131 FreeTalk XLS, TK3100, TK2170, TK3170, TK3201, TK3200, TK3200, TK1373, TK373G, TK259, TK359, TK220, TK320, TK240, TK340, TK270G, TK260G, TK360G, TK240D, TK370G, TK340D, TK208, TK248, TK348, TK2100, TK3101, TK2102, TK3100, TK2160, TK3160, TK308, TK3130, TK430, TK431, TK250, TK350, TK353, TK260G, TK360G, TK270G, TK370G	NO	2.5/3.5mm Right Angle Overmolded Connector
10101925	KENWOOD	TK272G, TK372G, TK3130 ProTalk XLS, TK3131 FreeTalk XLS, TK3100, TK2170, TK3170, TK3201, TK3200, TK3200, TK1373, TK373G, TK259, TK359, TK220, TK320, TK340, TK270G, TK260G, TK360G, TK240D, TK370G, TK340D, TK208, TK248, TK348, TK2100, TK3101, TK2102, TK3100, TK2160, TK3160, TK308, TK3130, TK430, TK431, TK250, TK350, TK353, TK260G, TK360G, TK270G, TK370G	YES	2.5/3.5mm Right Angle Overmolded Connector
10101926	KENWOOD	TK480, TK481, TK290, TK390, TK380, TK280, TK2140, TK3140, TK3180, TK2180, TK190, TK5400, TK5210	NO	Assembled Connector
10101927	KENWOOD	TK480, TK481, TK290, TK390, TK380, TK280, TK2140, TK3140, TK3180, TK2180, TK190, TK5400, TK5210	YES	Assembled Connector
10101928	M/A-COM	KPC	NO	Assembled Connector
10101929	M/A-COM	KPC	YES	Assembled Connector
10101930	M/A-COM	PCS	NO	Assembled Connector
10101931	M/A-COM	PCS	YES	Assembled Connector
10101932	M/A-COM	MRK	NO	Assembled Connector
10101933	M/A-COM	MRK	YES	Assembled Connector
10101934	M/A-COM	MPA / MPD	NO	Assembled Connector
10101935	M/A-COM	MPA / MPD	YES	Assembled Connector
10101936	M/A-COM	Prism / LPE	NO	Assembled Connector
10101937	M/A-COM	Prism / LPE	YES	Assembled Connector
10101938	M/A-COM	700P, P7100, P7130, P7150, P7170, P7200, P5100, P5130, P5150	NO	Assembled Connector
10101939	M/A-COM	700P, P7100, P7130, P7150, P7170, P7200, P5100, P5130, P5150	YES	Assembled Connector
10101940	M/A-COM	EDACS 300P	NO	Assembled Connector
10101941	M/A-COM	EDACS 300P	YES	Assembled Connector
10145868	M/A-COM	P5300, P5400, P7300, XG-25, XG-75	NO	Assembled Connector
10148777	M/A-COM	P5300, P5400, P7300, XG-25, XG-75	YES	Assembled Connector
10101916	MOTOROLA	HT1000, MT2000, MTS2000, MTX8000, MTX838, MTX9000, XTS3000, XTS3500, XTS2500, XTS5000, HT1000, MT2000, MTS2000, MTX9000, MTX-LS, JT1000, GP900, XTS1500	NO	Assembled Connector
10101917	MOTOROLA	HT1000, MT2000, MTS2000, MTX8000, MTX838, MTX9000, XTS3000, XTS3500, XTS2500, XTS5000, HT1000, MT2000, MTS2000, MTX9000, MTX-LS, JT1000, GP900, XTS1500	YES	Assembled Connector
10101942	MOTOROLA	Saber Series	NO	Assembled Connector
10101943	MOTOROLA	Saber Series	YES	Assembled Connector
10101944	MOTOROLA	Astro Saber	NO	Assembled Connector
10101945	MOTOROLA	Astro Saber	YES	Assembled Connector
10101946	MOTOROLA	Hirose (adapter typically required)	NO	Assembled Connector
10101947	MOTOROLA	Hirose (adapter typically required)	YES	Assembled Connector



MSA PTT Part No.	Radio Manufacturer	Manufacturer Radio Model	Volume Control?	Connector Type
10101948	MOTOROLA	GP300, SP10, P110, P1225, P1225LS, LTS2000, CP88, CP150, CP200, CT150, CT250, CT450, CT450LS, GP308, P080, P2000, PRO2150, PRO3150, P040, GP68, GP88, MTH500, GTX, CP125, EP450, VL130	NO	2.5/3.5mm Right Angle Overmolded Connector
10101949	MOTOROLA	GP300, SP10, P110, P1225, P1225LS, LTS2000, CP88, CP150, CP200, CT150, CT250, CT450, CT450LS, GP308, P080, P2000, PRO2150, PRO3150, P040, GP68, GP88, MTH500, GTX, CP125, EP450, VL130	YES	2.5/3.5mm Right Angle Overmolded Connector
10101950	MOTOROLA	HT750, HT1250, HT1250LS, HT1550, HT1550XLS, MTX850, MTX850LS, MTX8250, MTX8250LS, MTX950, MTX9250, GP140, GP320, GP328, GP338, GP340, GP360, GP380, GP640, GP680, GP1280, PRO5150, PRO7150, PRO9150	NO	Assembled Connector
10101951	MOTOROLA	HT750, HT1250, HT1250LS, HT1550, HT1550XLS, MTX850, MTX850LS, MTX8250, MTX8250LS, MTX950, MTX9250, GP140, GP320, GP328, GP338, GP340, GP360, GP380, GP640, GP680, GP1280, PRO5150, PRO7150, PRO9150	YES	Assembled Connector
10101952	MOTOROLA	PRO7150 Elite, PRO9150 Elite, EX600, EX500, GL200, GP344, PRO7150 Elite, PRO9150 Elite, GP388	NO	Assembled Connector
10101953	MOTOROLA	PRO7150 Elite, PRO9150 Elite, EX600, EX500, GL200, GP344, PRO7150 Elite, PRO9150 Elite, GP388	YES	Assembled Connector
10101954	MOTOROLA	MOTOTRBO APX-7000, APX6000, APX6000 xe, DGP-4150, DGP-4150+, DGP-6150, DGP-6150+, XPR-6300, XPR-6350, XPR-6500 and XPR-6550 Digital Radios	NO	Assembled Connector
10101955	MOTOROLA	MOTOTRBO APX-7000, APX6000, APX6000 xe, DGP-4150, DGP-4150+, DGP-6150, DGP-6150+, XPR-6300, XPR-6350, XPR-6500 and XPR-6550 Digital Radios	YES	Assembled Connector
10101956	RELM WIRELESS (BENDIX KING)	DPH, EPU, EPH, EPV, EPI, LPH, LPU, LPX, LPV, GPH	NO	Assembled Connector
10101957	RELM WIRELESS (BENDIX KING)	DPH, EPU, EPH, EPV, EPI, LPH, LPU, LPX, LPV, GPH	YES	Assembled Connector
10101948	TAIT WIRELESS	Orca (With Adapter TOPA-AA-005)	NO	2.5/3.5mm Right Angle Overmolded
10101949	TAIT WIRELESS	Orca (With Adapter TOPA-AA-005)	YES	2.5/3.5mm Right Angle Overmolded Connector
10101958	VERTEX / YAESU	VX-200, VX-500, VX-510V, VX-510L	NO	2.5/3.5mm Right Angle Overmolded Connector
10101959	VERTEX / YAESU	VX-200, VX-500, VX-510V, VX-510L	YES	2.5/3.5mm Right Angle Overmolded Connector
10101960	VERTEX / YAESU	VX-600, VX-800, VX-900	NO	Assembled Connector
10101961	VERTEX / YAESU	VX-600, VX-800, VX-900	YES	Assembled Connector
10101962	VERTEX / YAESU	VX-210, VX-210A, VX-400, VX-150, VX-160, VX-180, VX-410, VX-420, VX-427	NO	3.5mm Right Angle With 1 Locking Screw
10101963	VERTEX / YAESU	VX-210, VX-210A, VX-400, VX-150, VX-160, VX-180, VX-410, VX-420, VX-427	YES	3.5mm Right Angle With 1 Locking Screw
10101964	VERTEX / YAESU	VX-537, VX-530	NO	Assembled Connector
10101965	VERTEX / YAESU	VX-537, VX-530	YES	Assembled Connector

**For information on Communication Systems for Military and Law Enforcement or any MSA products, please contact MSA Customer Service at 800-MSA-2222 or visit [MSAsafety.com](http://MSAsafety.com).**

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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**MSA – The Safety Company**  
1000 Cranberry Woods Drive  
Cranberry Township, PA 16066 USA  
Phone 724-776-8600  
[www.MSAsafety.com](http://www.MSAsafety.com)  
**U.S. Customer Service Center**  
Phone 1-800-MSA-2222  
Fax 1-800-967-0398

**MSA Canada**  
Phone 1-800-672-2222  
Fax 1-800-967-0398  
**MSA Mexico**  
Phone 01 800 672 7222