

# TMC™

## TACTICAL MASK COMMUNICATIONS SYSTEM

Designed for wearers of Avon Respiratory Protection Systems, the TMC tactical communications system is a range of accessories that enables users to connect their Avon respirators quickly and effectively to tactical radio communications equipment.

The TMC range offers a simple to use range of mask adaptors, press to talk units, microphones and earpieces designed to provide the user with clear and safe communications while wearing an Avon respirator.

The TMC range has been designed with user feedback from Military and First Responders (FR) users to meet the needs and demands of real-world operational requirements.

Unlike other mask to tactical radio connection systems, the Avon TMC system will be the ONLY NIOSH approved respirator to radio communications accessory approved for use with the Avon FM53/54 and C50/PC50. (Approval Due 2022)



Water Resistant  
Up to IP67

4 and 5 Pin  
Headset Options

## FEATURES

- Connects your tactical radio to the microphone mounted inside your Avon Respirator for clear and safe communications.
- Provides seamless integration with Avon 50/53/54 series respirators.
- Uncomplicated, robust and ergonomic design ensures quick setup / installation and ease of use.
- Can be connected to 53/54 Series Voice Projection Unit (VPU) for simultaneous use of VPU and tactical radio equipment.
- TMC Press to Talk sets are available in standard "pre-configured" setups, however further customisations to accommodate different colour, cable, radio, mounting and headset configurations are available on request.
- Wide range of customization options available if a custom-made system is required.
- "Plug and Play" integration with a wide range of other manufacturers existing Push to Talk (PTT) and Tactical headset solutions
- Can be used with Avon APR, SCBA and PAPR systems.



## PRE-CONFIGURED FOR SIMPLICITY AND EASE OF USE

Communications can sometimes seem confusing, so we're making things easier by providing our PTT systems in 4, pre-configured "good to go" setups. Just tell us which headset and radio you are using. We do the rest!

The TMC PTT range is available in the following pre-configured configurations, however if a custom solution is required, please contact us to discuss your specific requirements.

**TMC PTT 1 & MFF KITS**

Mobile Field Force Earpiece with Mask Connection and Press To Talk unit (Black) configured for Dynamic Mic with 12" fixed cable and radio connector, Waterproof PTT switch, and Alligator Mounting Clip.

606973	TMC PTT 1 & MFF U329 Kit	
606974	TMC PTT 1 & MFF Motorola APX Kit	
606975	TMC PTT 1 & MFF Motorola XTS Kit	
606976	TMC PTT 1 & MFF Kenwood TK-480 Kit	
606977	TMC PTT 1 & MFF Harris P5300 Kit	
606978	TMC PTT 1 & MFF Harris XG-100 Kit	



**TMC PTT 1 KITS**

Press To Talk unit (Black) configured for 4 pin headset, Dynamic Mic with 18" fixed cable and radio connector, Waterproof PTT switch, and Alligator Mounting Clip

607318	TMC PTT 1 U329 Kit	
607319	TMC PTT 1 Motorola APX Kit	
607320	TMC PTT 1 Motorola XTS Kit	
607321	TMC PTT 1 Kenwood TK-480 Kit	
607322	TMC PTT 1 Harris P5300 Kit	



**TMC PTT 2 FIXED KITS**

Press To Talk unit (Black) configured for 4 pin headset, Dynamic Mic with 18" fixed cable and radio connector, Waterproof PTT switch, and Alligator Mounting Clip. Supplied with 15" Dedicated Mask Connection Cable

607324	TMC PTT 2 U329 Kit	
607325	TMC PTT 2 Motorola APX Kit	
607326	TMC PTT 2 Motorola XTS Kit	
607327	TMC PTT 2 Kenwood TK-480 Kit	
607328	TMC PTT 2 Harris P5300 Kit	
607329	TMC PTT 2 Harris XG-100 Kit	



**TMC PTT 2 MODULAR KITS**

Press To Talk unit (Black) configured for 4 pin headset, Dynamic Mic with modular download, modular 12" cable and radio connector, Waterproof PTT switch, and Alligator Mounting Clip. Supplied with 15" Dedicated Mask Connection Cable.

607330	TMC PTT 2 U329 Kit	
607331	TMC PTT 2 Motorola APX Kit	
607332	TMC PTT 2 Motorola XTS Kit	
607333	TMC PTT 2 Kenwood TK-480 Kit	
607334	TMC PTT 2 Harris P5300 Kit	
607335	TMC PTT 2 Harris XG-100 Kit	



Connector	Radio Mfr	Compatible Radio Models
U329	MISC Military	PRC-148, PRC-152
APX	Motorola	APX900, APX1000, APX3000, APX4000, APX6000, APX6000XE, APX7000, APX7000XE, APX8000, APX8000XE, DP3400, DP3401, DP3600, DP3601, DP4400, DP4600, DP4800, DGP4150, DGP4150+, DGP6150, DGP6150+, MTP6550, MTP6750, XIRP8200, XIRP8208, XIRP8260, XIRP8268, TRBO-XPR4500, XPR6100, XPR6300, XPR6350, XPR6380, XPR6500, XPR6550, XPR6580, XPR7300, XPR7350, XPR7380, XPR7500, XPR7550, XPR7580, SRX2200
XTS	Motorola	GP900, GP9000, HT1000, JT1000, MT2000, MTS2000, MTX838, MTX900, MTX8000, MTX9000, MTX960, MTX-LS, XTS1500, XTS2500, XTS3000Astro, XTS3500, XTS5000, XTS3000, PR1500, PM1500, JEDI
TK480	Kenwood	TK-190/290/390, TK-280/380/480, TK-2140/3140, TK-2180/3180/4180, TK-481, TK-3212, TK-5210, TK-5400, TK-385, TK-3148, TK-5410, TK-5220, TK-5310/5410, TK-5320/5420, NexEdge: NX-200, NX-210, NX-300, NX-410, NX-3200, NX-3300, NX-5200, NX-5300, NX-5400
P5300	Harris	P5300, P5400, P5500, P7300, UNITY XG-25P, UNITY XG-75
XG-100	Harris	XG-100, XG-200

Avon TMC PTT Pre-configured PTT systems are compatible with a wide range of tactical headsets including:

<b>Peltor</b>	ComTac III	ComTac V
	ComTac IV	SwatTac V
<b>Ops Core</b>	AMP**	
<b>MSA</b>	Sordin CC Supreme	
<b>TCl</b>	Tack 1 / Tack 2 Liberator II / Dual Comm Liberator IV	
<b>Otto</b>	NoiseBarrier TAC	
<b>Avon Protection</b>	TMC Press to Talk Units TMC Mobile Field Force Headsets	

\*Not compatible with receive only/hearing defense only variants.  
\*\* U94 style headset down-lead cable variant only.  
NB: 5 Pin (Stereo) Connector compatible PTT variants available on request

\*If you do not see your radio model listed above, please contact your local sales agent to discuss your requirements

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