

# 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 configure, install and use range of connectors, 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 March 2022)

### 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.
- "Standard" pre-configured option available to provide out of the box solution for most widely used tactical radio transceivers.
- Wide range of customization options available if a custom-made system is required.
- Integrates with a wide range of other manufacturers existing Push To Talk (PTT) and headset solutions.
- Can be used with Avon APR, SCBA and PAPR systems.



Water Resistant  
Up to IP67

4 and 5 Pin  
Headset Options















### PRE-CONFIGURED COMBINATION KIT INCLUDES



**PTT assembly** (12" straight fixed radio cable with choice of connector, 4 pin headset socket, alligator clip, waterproof switch)

**Mobile Field Force headset with mask adaptor** (Acoustic tube earpiece and integrated mask connection, 4 pin headset plug)

In addition to the pre-configured system option, Avon are also able to provide a fully customized solution to meet your requirements. To get a quote for your perfect system, let us know your preferences from the options in the table below.

Component	Options		Extra Customizations
Headset	Using Own Headset (please define)	TMC MFF LM - Mobile Field Force Earpiece and Lapel Mic (4 Pin)  TMC MFF MC - Mobile Field Force Earpiece and Mask Connection (4 Pin) 	N/A
Headset Type	4 Pin Headset (TJ101)	5 Pin Headset (TJ105)	Other
Headset Mic Type	Dynamic		Condenser
Mask Connection	Y Cable 	Dedicated Respirator Cable (Headset & Mask Input PTT) 	Available in 15" and 18" configurations
In-Mask Microphone	Already owned (Avon 53/54 series VPU) 	Already owned (Avon 50 series VPU) 	Mask Microphone Required
PPT Type	PTT1 Headset Only Input Port 	PTT2 Headset and Mask Input Ports 	Fixed or Modular Radio Connector MOLLE or Alligator Clip Standard or Waterproof PTT Switch PTT Color (Black/Tan)
Radio Connector	AV101  AV102  AV103  AV104  AV105  AV106 	Other	Cable Color (Black/Tan) Cable Length Coiled or Straight Cable

Radio Connector Type	Radio Mfr	Compatible Radio Models
AV101	MISC Military	PRC-148, PRC-152
AV102	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
AV103	Motorola	GP900, GP9000, HT1000, JT1000, MT2000, MTS2000, MTX838, MTX900, MTX8000, MTX9000, MTX960, MTX-LS, XTS1500, XTS2500, XTS3000Astro, XTS3500, XTS5000, XTS3000, PR1500, PM1500, JEDI
AV104	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
AV105	Harris	P5300, P5400, P5500, P7300, UNITY XG-25P, UNITY XG-75
AV106	Harris	XG-100, XG-200

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

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