

TACTICAL AIR PURIFYING RESPIRATOR MICROPHONE

User Instructions

The Tactical Air Purifying Respirator Microphone TAPRM (Figure 1) is designed for the CM-6 and OM-90 full face masks and for the S-97 half face mask. It can be easily integrated into new as well as older respiratory mask without the need for further modification or additional certification.

The TAPRM is compatible with standard personal headsets and hearing protectors, it can be also directly interconnected with analogue and digital tactical or two-way radios as well as respiratory voice amplifiers. The TAPRM works in a fully passive mode – it does not require any supply voltage for its operation.

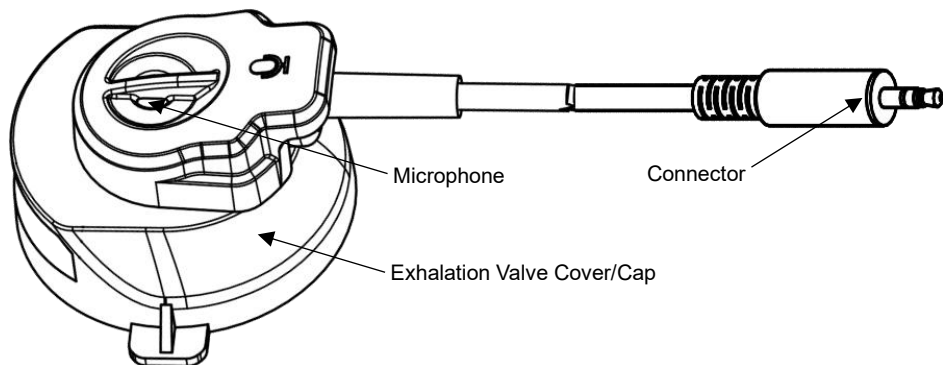


Figure 1: Tactical Air Purifying Respirator Microphone (TAPRM)

Fitting and interconnecting the TAPRM:

- Remove the original exhalation valve cover/cap from the exhalation valve on the bottom side of the full face mask or the left or right hand side of the half face mask or (Figure 2).
- Fit the respiratory mask microphone to the exhalation valve. It is not necessary to perform a leakage test before using the face mask together with the microphone.
- Connect the cable connector leading from the microphone to the Personal Headset, Respirator Voice Amplifier, Radio, PTT Box etc. If necessary, use the velcro fastener strip to securely fasten the cable.
- Don the face mask and use the TAPRM reproducing your voice.

- Do not connect the TAPRM to mobile phones or personal computers (they usually require electret microphones, provided bias voltage could damage the TAPRM dynamic microphone).

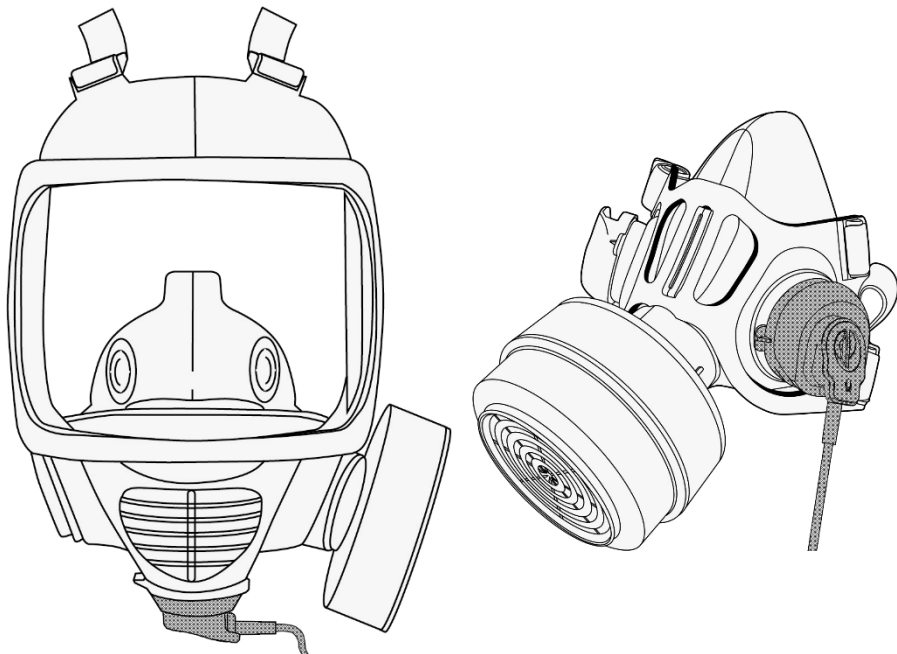


Figure 2: Tactical Air Purifying Respirator Microphone (TAPRM) Fitting

The TAPRM cleaning and maintenance:

- The TAPRM is water resistant. However, do not subject it to running water, and do not immerse it in water. If the TAPRM comes into contact with water, wipe it, shake out any water inside microphone compartment and let air dry.
- Wipe the TAPRM with clean, damp cloth. Do not use solvents.
- Do not block vent holes on the microphone housing.
- Do not break the microphone membranes.