

# SARKAR WARCOM5 TACTICAL HEADSET



Sarkar Warcom5™ tactical headset provides an exceptional convergence of communications and hearing protection and was designed to military durability standards and offers low-profile ear-cups for compatibility with various tactical helmets, state of the art digital sound processing for optimal reproduction of environmental sounds and leading radio frequency (RF) shielding.

Digital Threat Noise Assessment technology safely reduces hazardous ambient sounds while simultaneously providing the user with continuous situational awareness.

These progressive attributes, as well as an array of others, enable the Warcom5™ tactical headset to be worn comfortably under MICH, ACH, PASGT, Ops-Core™, and other ballistic helmets and provide the performance that supports operator safety and mission completion. Our robust design includes an industry-leading, dual-layer waterproofing process for phenomenal protection of electronic components and vastly increases the lifespan of the equipment.



## FEATURES

Warcom5™ tactical headsets provide exceptional communications, electronic hearing protection and Digital Situational Awareness Enhancement during demanding situations. The ability to maintain peripheral hearing and amplify potential danger signs and audio cues from the environment are vital for any tactical mission. Equally important is the threat localization system that the headset provides. Our advanced technology provides 360 degrees ambient sound reproduction and unbelievable situational awareness. This technology is the most accurate method of environmental sound replication, threat identification and closely replicates natural hearing.

Specifically, dual external microphones continually process ambient sounds and instantaneously provide NNR 21 (up to 29 dB) of hearing protection to protect the user from exposure to harmful static-state and impulse sounds and a battery life of 600 hours using two conventional AAA batteries.

The Warcom5™ has three different suspension systems available, the traditional Over the Head suspension (OTH), the Behind the Head suspension (BTH). The Warcom5™ and Rail Mounted (RM). Rail Mounted was designed specifically for “high cut” helmet systems. The system is highly adjustable and provides excellent stability during vigorous activities.

- Various boom microphone configurations, including submersible versions
- Over the Head and Behind the Head suspension options
- Built-in active hearing protection 600 hour battery life from two standard AAA batteries (included)
- Single waterproof battery compartment with retaining lanyard.
- Available with Black and OD Green Earcups
- Left or Right Boom Microphone options
- RF Shielded and filtered Certain versions adaptable for AVON FM53 gas mask and military free-fall oxygen masks
- Includes TCI Push-to-Talk (PTT) and storage bag
- Supports over 250 different radio interfaces and manufacturers
- Custom configurations on request (Contact Sarkar Tactical for additional information)

## Product Specification

**Model No: WARCOM5**



Model no:	WARCOM5
Origin:	Designed and Tested in USA, Made in China
Type:	Noise-canceling headset with communication and talk through
Compression threshold:	Limits impulse noise to below 168dB Peak
Work voltage:	1.2~1.7V
External sound reproduction	1:0.95

### Feature

WARCOM5 is a headset with hearing protection, situational awareness and ambient talk through, suitable for most helmet of PASGT, MICH, FAST (Hicut), MidCut and Mark7.

### Parameters

Internal cells	1.5V AA or AAA (2 pcs) (2 types batteries both can be used)						
Battery Life	> 200 hrs						
Voice recognition	> 85%						
Working temperature	-30°C to +60°C						
Storage temperature	-40°C to +70°C						
Frequency	125	250	500	1000	2000	4000	8000
MEANS	18.3	18.7	24.4	28.5	35.1	38.8	39.9
STD.DEV	2.9	2.1	2.3	2.2	2.9	2.6	2.9
MEAN-SD	15.4	16.6	22.2	26.3	32.2	36.2	37.0

• All specifications subject to change without notice •



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**Electroacoustic index(testing condition:Ta=20°C R.H=65%)**

	Type	Testing condition	Typical value	Unit
<b>Speaker</b>	Sensitivity	f =1kHz (Pin=1Pa 0dB = 1V/Pa)	95	dB
	Impedance	f =1kHz (Pin =1Pa)	100±10%	Ω
	Frequency response		80-18000	Hz
	Rated input power		100	mW
	Maximum input power		500	mW
<b>Microphone</b>	Sensitivity	f =1kHz (Pin=1Pa 0dB = 1V/Pa)	-65	dB
	Impedance	f =1kHz (Pin =1Pa)	150	Ω□□
	Frequency response		150-8000	Hz
<b>Headset</b>	Ear cup sound insulation	125-1800Hz average	≥28	dB
	Size		180*250	mm
	Weight	No batteries	335	g

**Approval standard:**

EC EMC directive 2014/30/EU

PPE Regulation(EU) 2016/45

RoHS directive-2011/65/EU

Tested according to the applicable parts:

MIL-STD-810G

EMC-MIL-STD-461F

Hearing Protection: EN352-1:2002 - SNR 28dB

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