



CVC-101 HEADSET WITH HELMET

CVC-101 headset with helmet is for use on military tactical vehicles. The headset provides excellent noise reduction (ANR), superior performance of boom microphone and stereo talk-through system for the most advanced communications in the toughest environments.



The headset provides the user full duplex communication when used with an FFCS, FFCS/T or ITS and is capable of operating (receive-only) when connected to a MOS-2. Three position Active Noise Reduction (ANR) and Talk-through switches are incorporated:

ANR Switch Position	ANR	Talk Through
Forward (Locking)	OFF	ON
Centre (Locking)	OFF	OFF
Rearward (Locking)	ON	OFF

PTT Position	Function
Forward (Momentary)	Activate radio transmission
Centre (Locking)	OFF (If FFCS is set to VOX, speech activate intercom transmission)
Rearward (Locking)	Activate intercom transmission

Features:

- Helmet with perfect shape, size and suspension
- Helmet complies to ballistic protection of at least 470 m/s when tested with MIL-STD-662F
- Stereo Talk-through allows localization of noise sources
- Boom microphone provides superior passive noise canceling performance.
- Water sealed battery door opens with no tools
- Operates with VIC-2, VIC-3 & V-Lite intercom system using its equivalent interconnecting cable

Specifications:

Microphone	(For 105 dB SPL input)
Mic Output:	18 mV rms @ 1 kHz
Frequency Response:	500 Hz to 4 kHz
Crossover:	> 2.5 kHz
Rejection:	> 6 dB / octave
Headphone Output	(for 2.83 Vrms input)
Input Impedance:	500 Ohm
Frequency Response:	300 Hz to 4.5 kHz
Sensitivity:	≥ 110 dBA @ 500 Hz
Harmonic Distortion:	≤ 5% THD at 1 kHz
Power Supply	
VIC 2, VIC-3, V-LITE:	15 – 24 Vdc
Talk-through:	Requires single “AA” battery (when disconnected from the vehicle)
PTT Control	
Intercom PTT:	= closure to ground through 470 Ω
Radio PTT:	= closure to ground