

# VH590

LIGHT ARMoured VEHICLES  
HEADSETS  
VH590 - VH590ANR

Operational efficiency  
Acoustic protection



## BENEFITS

- Communications intelligibility
- Optimized noise protection
- Single size
- Lightweight
- Compatibility with ballistic helmets
- Active Noise Reduction (ANR) with automatic safety device
- Talk Through



## APPLICATIONS

**VH590** is dedicated to military applications, to carry out the communications at combat, in noisy environments.

The ergonomics of this headset has been designed to ease the wearing in all operational situations: with all types of combat helmets, with NBC masks, or bareheaded.

The headset **VH590** is proposed in two models: passive acoustic model and active noise reduction (ANR).



# VH590



## FEATURES

- Two protection ear shells maintained by a metallic neckband
- Interchangeable hypoallergenic soft earpads
- Noise-cancelling microphone
- Type: binaural
- Size: adjustable
- Weight: 500 g

### ANR:

- Power Supply : 5 to 32V
- Bandwidth: 300 Hz to 3000 Hz
- Microphone paraphonic efficiency at 1000 Hz: 134 mV ± 2 dB for 110 dB
- Earphone impedance at 1000 Hz: 600 ohms
- Earphone efficiency at 1000 Hz: > 110 dB for 100 mVA

## COMPATIBLE HARDWARE

- Combat helmet
- NBC mask
- PTT
- Intercom
- Throat microphone

## INTERFACES

- Direct connection to the military radios
- Connection to a PTT

## ENVIRONMENTS/EMC

- Operating temperature: - 25°C to +70°C
- Storage temperature: - 40°C to +70°C
- Humidity: 93% at - 40° C
- Vibration - shock - shake - drop - salt spray - rain - EMC according to standards GAM EG 13A - MIL STD 810E

## A.N.R BLOCK DIAGRAM



## ACCESSORIES

	Description	Version
	Flat PTT	single PTT switch dual PTT switches
	Finger PTT	single PTT switch dual PTT switches
	Vehicle PTT	single PTT switch 3 modes
	Microphone adapter for NBC mask	
	KKM-1 Throat microphone	
	Transmitter/Receiver for wireless link	

## OPTIONS

- Talk Through
- Color: NATO green, black or others on request