

# VH586

HEAVY ARMoured  
VEHICLES HELMETS  
VH586 - VH586ANR

Operational efficiency  
Acoustic protection



## BENEFITS

- Communications intelligibility
- Optimized noise attenuation protection
- Single size
- Active noise reduction system (ANR) with automatic safety device
- Antishock and ballistic protection (option)
- Talk Through



VH586



VH586  
with antishock shell

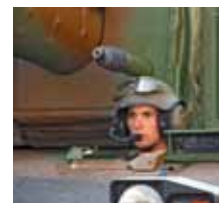
## APPLICATIONS

Building of more than 15 years of experience providing **ANR** helmets, our equipment allow crew members to improve their mission effectiveness.

The noise of the modern armoured vehicles is characterized by a high sound level, mainly significant in the low frequencies, 110 to 125 dBA. It is significantly harmful to the communications intelligibility and can be physiologically destructive.

ELNO brings its **acoustics expertise** and **patented technologies**.

The **active noise reduction (ANR)** strengthens the auditory protection of the crews.



# VH586



## FEATURES

- Fireproof soft helmet with adjustable chinstrap, washable
- Phonic protection shells with soft, hypoallergenic and interchangeable earpads
- Noise-cancelling microphone on flexible boom
- Type: binaural
- Size: adjustable
- Weight: 1.5 kg

### 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

- 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 according to standards EMC GAM EG 13A - MIL STD 810E -

## A.N.R BLOCK DIAGRAM



## ACCESSORIES

	Description	Version
	Flat PTT	single PTT switch dual PTT switches
	Vehicle PTT	single PTT switch 3 modes
	Antishock shell	
	Ballistic shell (STANAG 2920(V50))	
	Microphone adapter for NBC mask	
	KKM-1 Throat microphone	
	Transmitter/Receiver for wireless transmission	

## OPTIONS

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