

# RA3185 COBRA

Communications Headset

## LIGHTWEIGHT MODULAR HEADSET

The RA3185 Cobra headset is of modular design for dismounted use in low-noise environments, enabling unimpaired situational awareness where hearing protection is not required. Its robust design withstands rough handling in military environments. The standard configuration is a single-sided earphone with a boom microphone, its modular design enables a variety of PTT, headstrap and radio connectivity options.



### KEY BENEFITS

SITUATION AWARENESS → ★ ★ ★  
SPEECH INTELLIGIBILITY → ★ ★ ★  
HEARING PROTECTION →

### TECHNOLOGIES

LIGHTWEIGHT  
RUGGED

# BENEFITS & EXTRAS

## RA3185 Cobra Communications Headset

### BENEFITS

- Natural unimpeded situational awareness
- Lightweight comfortable design to minimise physical burden
- Slimline design ensures compatibility with body-worn equipment
- Modular design, adaptable to a variety of use cases
- Headset interchangeable for left or right sided use



### ACCESSORIES & ADD-ONS



#### HEADSTRAP

561846



#### EARCUSHION KIT

567006



#### DUAL PTT ASSEMBLY

RA3700/XXXX



#### SINGLE PTT ASSEMBLY

RA3710/XXXX



#### MICROPHONE MUFFLER

559198



#### HELMET CLIP

561822



# SPECIFICATION

## RA3185 Cobra Communications Headset

WEIGHT ON THE HEAD	60 g (2.1 ounces)
COMMUNICATION MODES	Monaural
FREQUENCY RESPONSE	100 Hz to 10 kHz
INPUT IMPEDANCE	100 Ω. Options 150 Ω, 300 Ω
COMMS SENSITIVITY	Nominal 116 dB SPL
BOOM MICROPHONE	Electret noise cancelling, optional 150 Ω, dynamic noise cancelling
MICROPHONE SENSITIVITY	Typical -36 dB
PTT SWITCH	Optional modular in-line switchbox, single or dual PTT

INTERFACE CABLE	Terminated to suit equipment requirements
TEMPERATURE	-40° / +70°C operating -40° / +70°C storage
IMMERSION	IP67, 1 meter for 2 hours
MTBF	69,246 hours
ENVIRONMENTAL TESTS	MIL-STD-810F, TIA/EIA-603
Certified to: humidity, immersion, driving rain, mist, salt fog, ice, solar, shock, bump, impact, vibration, dust, sand, altitude, fluid contamination	

## PRODUCT PART NUMBERING SYSTEM

Part Number	Description	Microphone	Earphone	Connector	Headband	Mic Muffler	PTT	Headset Cable Length	PTT Cable Length
RA3185/1530/1	Cobra dual pressel	Electret	100 Ohm	Fischer 9 pin	561846 and 567006	559198	RA3710/0431	480mm	800mm
RA3185/1531/1	Cobra dual pressel	Electret	100 Ohm	Fishcher 9 pin	561846 and 567006	559198	RA3710/0431	600mm	800mm
RA3185/1198	Headset Assembly	Electret	100 Ohm	Hypertac 14 pin	561846	559198	Nil	1500mm	
RA3185/1199	Headset Assembly	Electret	100 Ohm	TP101	565364	559198	Nil	500mm	
565000/60	Headset Assembly	Electret	100 Ohm	Fischer 9 pin	561846	559198	Nil	600mm	
565000/48	Headset Assembly	Electret	100 Ohm	Fischer 9 pin	561846	559198	Nil	480mm	
565000/52	Headset Assembly	Electret	100 Ohm	Unterminated	Nil	559198	Nil	1500mm	
565000/9	Headset Assembly	100 Ohm Moving Coil	300 Ohm	Moulded breakaway	561846	506725	Nil	410mm	



## CONTACT INFORMATION

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