

## Type B60 Watertight Microphone

(inc. Intrinsically safe ATEX version)

The neoprene covered Vitavox Type B60 Microphone is completely watertight, is intended for use in exposed conditions and designed for use in the gloved hand. The construction is particularly robust therefore able to withstand heavy handling.



- Fully watertight withstanding complete immersion in water – IP67
- Will operate with cable length up to 150 metres
- Spring loaded 'Press-to-Talk' switch.
- Can be wired for either series or shunt switching.
- Casting constructed of aluminium alloy die-cast sections enclosed in removable neoprene cover
- Intrinsically Safe, ATEX 95 and IECEx 02 approved
- ATEX 94/9/EU updated in accordance with Directive 2014/34/EU for use in potential hazardous areas (ATEX Zone 0) when installed in accordance with BS EN 60079-14:2014
- IECEx approved
- Gas groups IIB & IIC

### Type B60 Watertight Microphone

Part Number:	Standard – VT09403	Intrinsically Safe - VT09844
ATEX Standard version:	Intrinsically Safe - ATEX 2014/34/EU Zone 0 (IEC 80079-34)	
Optimum load impedance:	25Ω moving coil	
Frequency Response:	60 Hz - 8 kHz	
Sensitivity:	65 dB below 1V/Pa	
Cable:	Standard, 2.0m	
Termination fitted:	VT09844, VT09403, VT0940315 – None supplied VQ91502-05 – HYDROBOND HDM 202-04S/SS/L	
Dimensions:	70mm dia. x 200mm long	
Weight:	0.623 kg	

Accessories:	Stowage Housing
Part No. VT21219	NSN 5965-99-923-1722 (ex AP 12942)
Dimensions:	82.5mm wide x 89mm deep x 216mm long
Fixing:	3 x 10mm dia. holes in black
Weight:	0.45 kg (1lb)
Description:	Cast in aluminium alloy LM6M and finished in hard anodised enamel, the housing protects and houses the B60 Microphone

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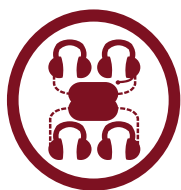


# Military Communication Systems



## Military PA Systems

Vitavox has designed and developed the Outacom™ PA system for operational use on all armoured vehicles. Consisting of two Compact Broadcast Loudspeakers, a sound amplifier module and a B90 noise-cancelling microphone, Vitavox will deliver these systems to the GDUK Specialist Vehicle Programme. Vitavox believe that 'Shout before you shoot' should be required military doctrine and mounted as standard on all types of military vehicles in order to reduce risk, escalation of violence and collateral damage to both operational and civilian personnel.



## Intercom Systems

Vitavox provide a software defined, sophisticated, reliable technical solution for tactical communication systems inside and outside all military, paramilitary and light strike armoured vehicles. The Vitavic 400 military intercom system can also be used by battle tanks and users who have, or wish to have, a number of tactical headset and CNR providers.



## Loudspeakers

Vitavox provide a range of military loudspeakers and loud hailer which can be used in both naval and land arenas. The naval loudspeakers are pressure proof, waterproof and shock proof to military standards and can be used above and below deck as external submarine loudspeakers for intercoms or main broadcast speakers. The army loudspeakers can be externally mounted to AFVs to provide a safe method of communicating with civilians or identified threats.



## Handsets and Microphones

The Vitavox range of military microphones and handsets have applications in both land and naval arenas. The military handsets come in ATEX approved, explosion proof and waterproof versions for use on land and at sea and come with optional active noise reduction technology. The emergency handsets provide a direct wired, point-to-point communications system which can be used as an alternative to the main broadcast system.



## Headset and Headphones

Vitavox have a range of military headsets and headphones suitable for land and naval operations. These include magnetic loop (mag loop) and UHF receive only headsets specifically designed for submarines and high noise, below deck environments. Vitavox headphones feature passive noise reduction and act as ear protectors as well as critical communications channels.



## Bespoke Communications Systems

Vitavox have a strong design and development team based in the UK and provide a series of post design services for military and commercial customers. This includes adaptation of existing Vitavox components and equipment into bespoke systems as per the customer's requirements. It also includes form, fit and function replacement of existing loudspeakers & microphones that have been proven to be 'not fit for role'.

## VITAVOX

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