

Battery-Powered Emergency Handset

VQ15693-01

Vitavox Battery-Powered Emergency Handset is based on previously employed handsets but with significant enhancements reflecting user requirements. Multiple handsets can be connected to a dual copper wire forming a stand alone, non-interfering communication channel.

- No requirement for power from any vessel systems
- All power provided by PP3 9V batteries
- Up to 50 handsets used in same circuit
- Approx. 12 hours constant use
- Low battery warning pulse light
- 'Press-to-talk' switch operated to enable speech
- Provide direct communications between personnel
- Each handset has call up and speech facility
- Handset still operates if ship/ boat/ submarine incurs power failure
- During speech the call tone is locked out



- Hard wired through standard two-wire copper cable
- Call tone operated by two buttons located near earpiece and press-to-talk bar
- Used where lines are not wired, for field use or 'on the fly' communication

Battery-Powered Emergency Handset

Part Number:	VQ15693-01
NSN:	5965-99-184-6236
Impedance (microphone inset):	300Ω
Frequency Response (microphone):	200 Hz - 3.4 kHz
Sensitivity (microphone):	-80 dB re 1V/ 0.1M/ m ²
Impedance (receiver inset):	300Ω
Frequency Response:	200 Hz - 3.3 kHz
Sensitivity:	45 dB above 0.1N/ m ² / mW
Call tone noise:	80 phons at 1.8m
Dimensions:	230 x 57 x 90 mm
Weight:	380g
Cord length:	1.5m
Earphone output:	12 chained 115 dB (A) 24 chained 108 dB (A) 30 chained 105 dB (A)

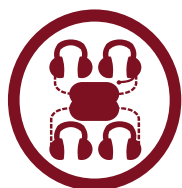


Military Communication Systems



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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