

15 & 30 Watt Main Broadcast and Intercom Loudspeakers

Waterproof, Blast Proof and Shockproof

Vitavox Main Broadcast and Intercom Loudspeakers are current stock items for Royal Navies of UK, Australia and New Zealand.

- Main Broadcast version takes signal and power from 70V RMS
- 15 Watt power rating adjustable to 15 Watt, 8 Watt or 4 Watt
- 30 Watt power rating adjustable by transformer tapping settings
- Intercom version signal 0.775V RMS line drive Power 24V DC
- Type shock tested to 107G force
- Used above and below deck in high noise areas
- Survives close proximity explosions and destructive blows
- Electric mute relay activation for when close to microphone
- Front section (Flare) contains pressure unit
- Back section (Case) fitted with line matching transformer or Intercom Amplifier.



- Designed with 185mm diameter compact re-entrant horn
- Machined from solid aluminum alloy for maximum durability
- Electrical components isolated from metal case of loudspeaker
- 2 x 16 mm WISPA glands for power and signal in/out, 1 x 12 mm WISPA gland for muting

Main Broadcast and Intercom Loudspeakers

Application:	Main Broadcast 15 Watt	Main Broadcast 30 Watt	Intercom 30 Watt
Part Number:	VQ91052-02	VQ96002	VQ85502
NSN:	To be obtained	To be obtained	To be obtained
Maximum Rated Power:	15 Watt	30 Watt	30 Watt
Voltage:	70V RMS		24V DC Power 0.775V signal
Frequency Response:	400Hz - 8kHz		400Hz - 10kHz
Weight:	6.7 Kg		
Finish:	Stove enamel grey to CDL37-29-30 (other finishes available)		
Shockproof:	107 G-Force		
Waterproof:	IP67		
Dimensions (mm):	185 mm wide x 290 mm tall x 175 depth		
Sound Output:	106 dB/watt@1m (15 Watt = 118 dBA@1m, 30 Watt = 121 dBA@1m)		

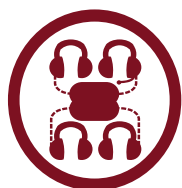


Military Communication Systems



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

Vitavox (Secomak Ltd.)
330 Centennial Avenue,
Centennial Park,
Elstree, Hertfordshire,
WD6 3TJ, UK



www.vitavox-sound.com



+44 (0)208 7321 300



sales@vitavox-sound.com



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