

3 inch, 4 Watt Rugged Loudspeaker Units

VITAVOX

Waterproof, Blastproof, Shockproof

Vitavox 3 inch, 4 Watt Rugged Loudspeaker Units are designed to deliver clear speech in hostile and noisy environments. They are currently used by NATO Navies and UK, Australian and New Zealand Royal Navies.

- There are three versions of these Rugged Loudspeaker Units:
 - Standard
 - Lightweight
 - Low Magnetic
- All units capable of withstanding constant vibration and sudden shock
- All units handle considerable overloads above 4 Watt rating
- All units used for speech or tone burst sound
- Lightweight version can be used in tight enclosures
- Standard and lightweight can be configured in reverse polarity
- Low magnetic version suitable for reduced magnetic field signature requirements
- Housing is moulded in epoxy resin with external position for 'O' ring providing watertight seal
- Internal housing contoured to suit the bonded in 'melinex' diaphragm forming immersion, corrosion and blast resistant assembly
- Magnet features contoured pole assembly protecting diaphragm from blast and porous disc to equalise pressure whilst excluding foreign matter
- Meet requirements of MoD - Defence Standard 02-557 Part 2 Issue 2



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Product:	3 inch, 4 Watt Rugged Loudspeaker Units
VQ88506 Standard:	15Ω NSN: 5965-99-543-5174
VQ88507 Standard:	8Ω
VQ88508 Lightweight:	15Ω
VQ88509 Lightweight:	8Ω NSN: 5965-99-760-8560
VQ88684 Lightweight Low Magnetic:	15Ω NSN: 5965-99-110-1377
VQ88683 Lightweight Low Magnetic:	8Ω NSN: 5965-99-832-1809
Impedance/ Rating:	8Ω or 15Ω / 4 Watts
Frequency Response:	600Hz - 7kHz
Sound Output:	Standard: 106 dBA @ 1000Hz and 1 metre Lightweight: 105 dBA @ 1000Hz and 1 metre
Ingress Protection:	IP67
Weight:	375g standard, 270g lightweight
Overload:	Overloaded for 9hrs inc. 1hr of 25W music and 30mins of 10W continuous duty alarm - no subsequent effect on performance
Dimensions:	84mm diameter (3.31 inches) 45mm depth (1.77 inches) standard 39mm depth (1.54 inches) lightweight

www.vitavox-sound.com

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