

Main Broadcast and Intercom Loudspeakers

VITAVOX

Waterproof, Blast Proof, Shockproof

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

- Two versions are available with same form, fit and function
 - 2183 Main Broadcast Loudspeaker
 - 2184 Intercom Loudspeaker
- Main Broadcast version takes signal and power from 31.6V, 70V and 100V main broadcast lines
- Intercom version takes 0.775V signal
- Intercom version contains inbuilt amplifier requiring 24V DC power supply
- Type shock tested to 70G force by UK MoD
- Used above and below deck in high noise areas
- Survives close proximity explosions and destructive blows
- Front section (Flare) contains pressure unit
- Back section (Case) fitted with line matching transformer or amplifier
- Electrical components isolated from metal case of loudspeaker
- Mounted by three (9.8mm hole) lugs on 238mm PCD
- All units fitted with preset volume control, accessible by removal of pressure relief plug
- Designed and manufactured in form of 260mm dia. compact re-entrant horn, from aluminum alloy die-cast sections bolted together and sealed with 'O' ring gaskets.



MAIN BROADCAST AND INTERCOM LOUDSPEAKERS

Application:	Main Broadcast (2183)	Intercom (2184)
Part Number:	VQ85496	VQ85490
NSN:	5965-99-537-2183	5965-99-537-2184
Input Signal & Maximum Rated Power:	31.6V up to 10W 70V up to 30W 100V up to 20W	0.775V up to 30W
Amplifier Voltage:	N/A	24V DC
Input Impedance:	100/ 400Ω	10KΩ nominal
Frequency Response:	400Hz - 8kHz	400Hz - 10kHz
Weight:	8kg	
Finish:	Stove enamel grey to CDL37-29-30 (other finishes available)	
Shockproof:	70G force	
Waterproof:	IP67	
Dimensions (mm):	268 dia. x 195 depth	
Sound Output:	112dB/watt @ 1m (30W = 127dB @1m)	

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