

W8VDQ

Compact, three-way, differential directivity system

features

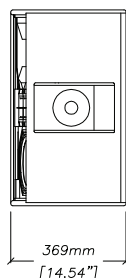
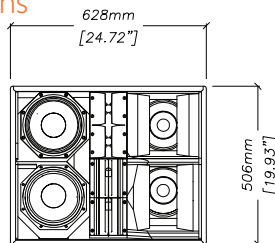
- ▶ Compact, three-way, differential directivity system
- ▶ Hybrid® quad 8" (200mm) LF + MF configuration
- ▶ LF + MF - 102dB @ 2.83V, 1m (single cabinet)
- ▶ Quad 1" (25mm) HF, all horn loaded - 106dB @ 2.83V, 1m
- ▶ Max 131dB continuous, 137dB peak output
- ▶ Consistent 100° long throw, 120° short throw (-6dB) horizontal mid and HF pattern control
- ▶ 30° vertical differential directivity, VDQ
- ▶ Passive or bi-amp operation
- ▶ Optional yoke/spigot mount adaptor
- ▶ Compatible with WMX, WS18X and WS218X sub-woofers

applications

- ▶ Live sound reinforcement
- ▶ Corporate events
- ▶ Theatre sound reinforcement
- ▶ Fixed installations

The Martin Audio W8VDQ combines line array and differential dispersion technologies to provide an advanced solution to the requirement of even coverage over wide angles and throw distances. Short throw horizontal dispersion is 120°, narrowing to 100° as throw increases. The vertical differential directivity, VDQ, creates progressively more HF output as throw distance increases. The resultant dispersion pattern is ideally suited to covering audiences located on flat or gradually sloping surfaces.

overall dimensions



W8VDQ



technical specifications

| | |
|-------------------------------|---|
| TYPE | Three-way passive/biamp |
| FREQUENCY RESPONSE (5) | 60Hz-18kHz ± 3dB |
| DRIVERS | 2 x 8" (200mm), 2" (50mm) voice coil, reflex-loaded direct radiators 2 x 8" (200mm), 2" (50mm) voice coil, neodymium magnet, front horn loaded, rear reflex loaded drivers 4 x 1" (25mm) exit HF compression drivers, horn loaded |
| RATED POWER (2) | LF+MF: 800W AES, 3200W peak HF: 150W AES, 600W peak Passive: 800W AES, 3200W peak |
| RECOMMENDED AMPLIFIER | MA5.2K / MA3.0 |
| SENSITIVITY (6) | LF+MF: 102dB HF: 106dB Passive: 101dB, rising to 105dB at HF |
| MAXIMUM SPL (calculated @ 1m) | 131dB continuous, 137dB peak |
| NOMINAL IMPEDANCE | LF+MF: 6 ohms HF: 6 ohms Passive: 6 ohms |
| DISPERSION (-6dB) | 100-120° horizontal, 30° vertical (VDQ) |
| CROSSOVER | 300Hz passive, 2.2kHz active or passive |
| ENCLOSURE | 70 litre, multi-laminate birch ply |
| FINISH | Textured black paint |
| PROTECTIVE GRILLE | Black perforated steel |
| CONNECTORS | 2 x Neutrik NL4 |
| PIN CONNECTIONS | LF+MF: 1+, 1- HF: 2+, 2- Passive: 1+, 1- |
| FITTINGS | 9 x M10 inserts Pole mount socket 2 x bar handles |
| DIMENSIONS | (W) 628mm x (H) 506mm x (D) 369mm (W) 24.7ins x (H) 19.9ins x (D) 14.6ins |
| WEIGHT | 47kg (103.5lbs) |

Century Point, Halifax Road, Cressex Business Park,
High Wycombe, Buckinghamshire HP12 3SL, England.
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669
E-mail: info@martin-audio.com

All information is Copyright © 2011 Martin Audio Ltd.

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice.



www.martin-audio.com

touring and theatre