

# W8VDQ

Compact, three-way, differential directivity system

## PRELIMINARY DATA

### features

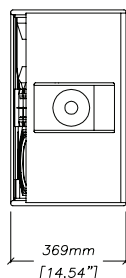
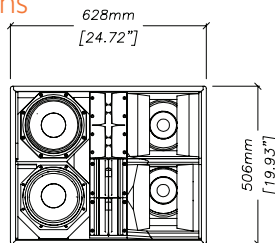
- ▶ Compact, three-way, differential directivity system
- ▶ Hybrid™ quad 8" (200mm) LF + MF configuration
- ▶ LF + MF - 102dB @ 2.83V, 1m (single cabinet)
- ▶ Quad 1" (25mm) HF, all horn loaded - 106dB @ 2.83V, 1m
- ▶ Max 131dB continuous, 137dB peak output
- ▶ Consistent 100° long throw, 120° short 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	LF+MF: 400-1500W into 4 ohms HF: 400-1500W into 4 ohms Passive: 400-1500W into 4 ohms
SENSITIVITY (6)	LF+MF: 102dB HF: 106dB Passive: 101dB, rising to 105dB at HF
MAXIMUM SPL (7)	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

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touring and theatre