

DDX15

High-Power Full-Range System



DDX

Features

- Multi-purpose, professional, passive full range systems
- Coaxial Differential Dispersion technology achieves 'point source' performance and optimum coverage footprint across the audience plane
- Compact, multi-angle enclosures for vertical and horizontal orientation and stage monitor use
- Drivers can be rotated for vertical or horizontal operation by removing screw-free perforated steel grilles

Applications

- Live sound reinforcement and portable systems
- Stage monitors and sidefills
- Theatre sound
- Corporate AV events
- Fixed installations in Government, Education, Museums, Hotels and hospitality



DDX15 is part of the DDX series. Combining the 'point-source' benefits of coaxial designs with the consistent coverage of differential dispersion technology, DDX full-range systems project sound evenly front-to-back while exhibiting wide horizontal coverage close to the speaker — delivering ultimate fidelity and impact to all corners of the audience.

Ideal for medium-to-large rooms, the DDX15 is a very high-power, passive two-way system designed for professional portable applications and installations that demand the ultimate in sonic performance from a single enclosure. It combines very high output capability with exceptional fidelity and coverage consistency. Its coaxial differential driver unit comprises a powerful 15" (380mm)/3" (75mm) voice coil LF

driver and a 1.4" (35mm) exit HF compression driver with a 3" (75mm) pure titanium diaphragm.

Its protective steel grille is a spring-fit into the sides of the enclosure for easy access to rotate the HF horn. The symmetrical, multi-angle enclosure is manufactured from durable plywood and coated in textured black paint. It is fitted with M8 inserts for a wall bracket and eyebolt suspension, plus a pole-mount socket.

Ergonomic handles at the rear of the enclosure make for easy handling while maintaining clean lines.

DDX15

High-Power Full-Range System



Technical Specifications

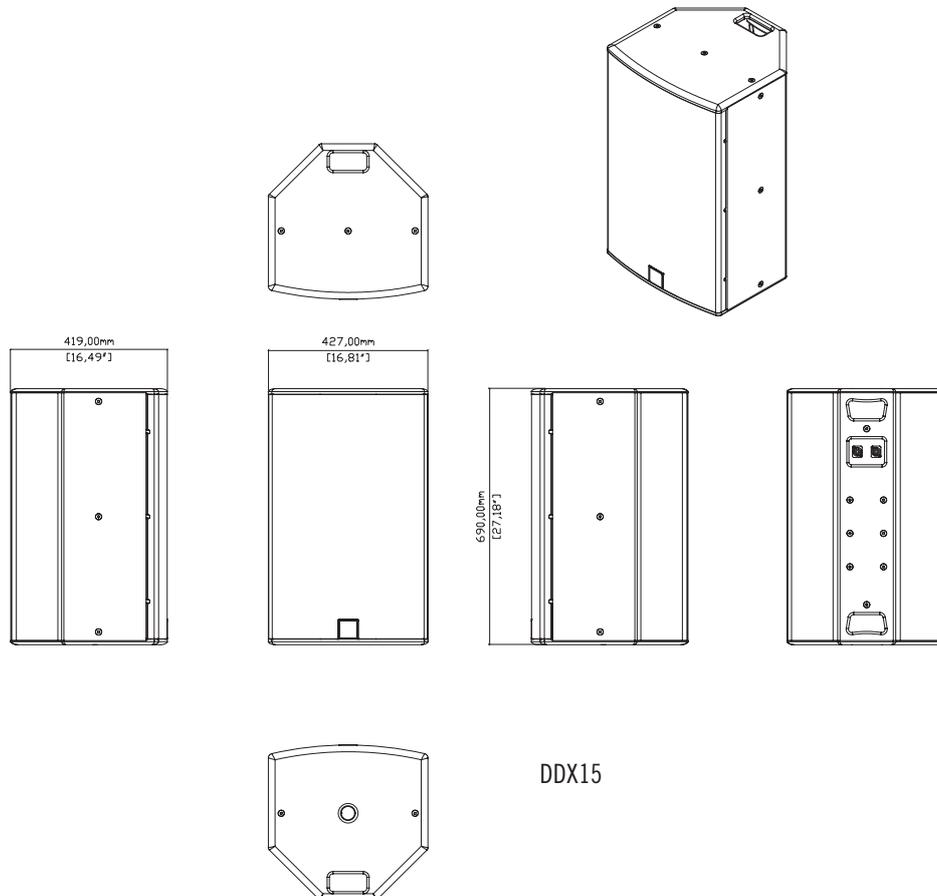
TYPE	High-output, Coaxial Differential Dispersion passive two-way system
FREQUENCY RESPONSE (5)	55Hz-18kHz \pm 3dB, -10dB @ 45Hz
DRIVERS	LF: 15" (380mm)/3" (75mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1.4" (36mm) exit/3" (75mm) voice coil, titanium dome compression driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	VIA5002 or VIA5004
SENSITIVITY (8)	100dB
MAXIMUM SPL (9)	126dB continuous, 132dB peak
NOMINAL IMPEDANCE	8 Ω
DISPERSION	100°-60° horizontal, 60° vertical (user-rotatable)
CROSSOVER	1.6kHz passive
ENCLOSURE	Multi-angle birch/poplar ply
FINISH	Black textured paint
PROTECTIVE GRILLE	Black perforated steel with scrim cloth backing
CONNECTORS	2 x NL4 type
PIN CONNECTIONS	1+/-
PIN CONNECTIONS	1+/- to 1+/-
FITTINGS	19 x M8 inserts, pole-mount socket, 2 x bar handles
DIMENSIONS	(W) 427mm x (H) 690mm x (D) 419mm (W) 16.8ins x (H) 27.2ins x (D) 16.5ins
WEIGHT	26kg (57.32lbs)
ACCESSORIES	Eyebolts, pole

Notes

- (1) Measured on-axis in half (2pi) space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half (2pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half (2pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4pi) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4pi) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4pi) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4pi) space at 2 metres with 2.83v input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated at 1 metre.
- (10) Measured in half (2pi) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.

Trade Descriptions Act

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.



DDX15

Martin Audio Ltd
Century Point, Halifax Road, High Wycombe
Buckinghamshire HP12 3SL, England

Telephone: +44 (0) 1494 535 312
Facsimile: +44 (0) 1494 438 669
Email: info@martin-audio.com

