

# D.12

## Full-range, passive two-way system

**D.**  
D•SERIES

### Features

- Full-range, passive two-way system
- KTV specific voicing
- LF driver with demodulating ring for distortion-free vocals
- User-rotatable horn
- Vertical and horizontal mounting option
- Front ported to couple with subwoofer deployment
- Cloth-backed perforated steel grille
- Trapezoid enclosure with textured finish
- 8Ω nominal impedance
- Internal crossover network with LF and HF driver protection
- Twin NL4 connectors
- Multiple M8 rigging inserts

### Applications

- Party KTV club rooms



D.12 is a high-performance, two-way system with a maximum SPL of 129dB peak, designed specifically for the on-trend Party KTV rooms that combine traditional KTV for singing with friends as well DJ sets for everyone to party.

*D. series is exclusively distributed by Sino Huifeng for the China market.*

D.12 combines the Martin Audio signature sound of power, warmth, clarity, smooth response and vocal presence that can deliver both a quality karaoke experience as well as meeting the demands of a DJ dance set, especially when coupled with the B118X or B218X subwoofer.

It features a 12" (300mm)/2.5" (63mm) voice coil LF driver unit and a 1" (25mm) exit compression driver with a 1.4" (35mm) polyimide diaphragm on a rotatable 80° x 50° HF horn for vertical or horizontal orientation and multiple M8 threaded inserts for easy installation.

The LF drivers have demodulating rings providing clear, distortion-free reproduction, even at high SPL and internal crossover networks incorporate technology to protect the low and high frequency drivers to assure reliability without interrupting the performance. The loudspeakers also have front ports specifically designed to marry with the performance of the recommended subwoofers.

The trapezoid enclosure is constructed from 15mm engineered wood fibre and finished in a textured black paint. It is fitted with a cloth-backed protective steel grille and M8 inserts are provided for eyebolt suspension and installation.

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](mailto:info@martin-audio.com)



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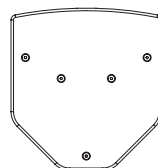
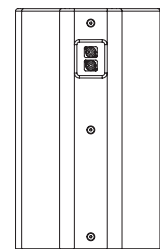
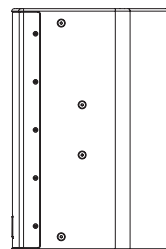
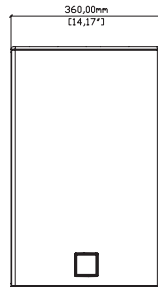
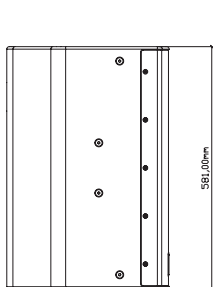
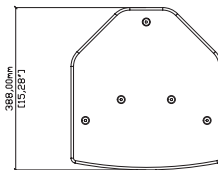
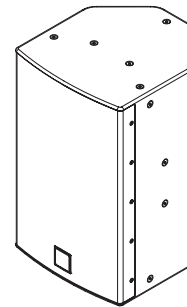


## Technical Specifications

TYPE	Passive 2-way
CROSSOVER	2.5kHz
FREQUENCY RESPONSE - 4PI	- 3dB: 66Hz -20kHz, -10dB: 49Hz with preset
DRIVERS	LF: 12", Voice Coil: 2.5", Type: Ferrite Motor System HF: 1" exit, Voice Coil: 1.4", Type: Polyimide dome compression driver
SENSITIVITY (2.83V 1m free-field)	98dB
NOMINAL IMPEDANCE	8 Ohms
RATED POWER	Program: 600W, Peak: 1200W
MAXIMUM SPL (calculated from sensitivity and power rating)	Continuous: 123 Peak: 129
DISPERSION	H: 80°, V: 50°
PIN CONNECTIONS (INPUT)	1+/1-
PIN CONNECTIONS (LINK)	1+/- to 1+/-
DIMENSIONS	(W) 581mm, (H) 360mm, (D) 388mm (W) 22.88ins, (H) 14.17ins, (D) 15.28ins
WEIGHT	19.6kg (43.2lbs)
RECOMMENDED AMPLIFIER	VIA5002 / VIA5004 or iK42 / iK81
RECOMMENDED CONTROLLER	DX0.4 / DX0.6 or DX4.0

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.



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