

Dispersion Series

DX8

Multi-purpose coaxial wedge, passive

Two-way coaxial bass reflex
1 x 8" ventilated driver
HF driver 1"

Features

Versatile F.O.H./ stage monitor speaker
High clarity sound reproduction
High acoustic efficiency

Applications

Small F.O.H
Low profile stage monitor
Front fill / delay line
Distributed sound

Specifications

60 Hz - 20kHz @ -10dB
130 dB SPL max @ 1m
105° x 105°
200 W AES - 8 ohms

Mono-amplification mode

The APG DX8 speaker is a compact two-way wideband speaker. The LF/MF section comprises an 8" speaker loaded in a 4th-order vented enclosure, with a coaxial 1" compression driver handling the HF section.

Like the other APG Dispersion series, the DX8 uses a coaxial loudspeaker set that provides a very coherent acoustic field with 105° conical coverage. The DX8 is characterized by an exceptional power/size ratio, great clarity in sound reproduction and a very sophisticated ergonomics: due to its cabinet geometry, with its 30° slanted panel, the DX8 is at home either on the stage as a monitor, or as a main front of house speaker. The wooden enclosure features a 36 mm pole mount socket, two cut-out handles and a recessed space for the "touring" quick removable fixing system QRFS30. Threaded inserts are also standard equipment, allowing the use of a 4 mm steel bracket for fixed installation (option ETDX8).



Multi purpose DX8 speaker in FOH and floor monitor

The DX8 offers total versatility between stage monitor and F.O.H applications, with or without subwoofers. The DX8 is recommended for small to medium size areas and as delayed complements in large P.A. systems. Its compactness and sonic performances make it the perfect loudspeaker for applications where unobtrusiveness and high quality sound reproduction are required.

The DX8 can be installed in many ways, directly on a pole or simply put on a shelf; quickly rigged in horizontal or vertical position thanks to the QRFS30 "touring" accessory while the ETDX8 lyre bracket is dedicated to fixed installation. The DX8 can be fitted with an optional 70V-100V transformer when a large number of loudspeakers is required.

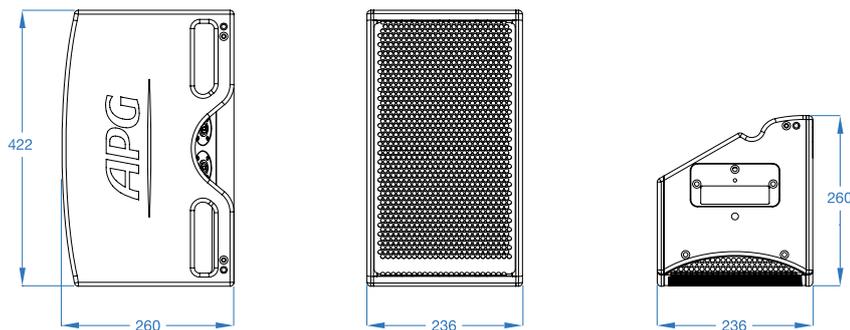
In wideband mode the DX8 is perfect for speech and vocals. With a processor, it offers great performance for acoustic music reproduction.

With the addition of subwoofers, it is capable of high level performance in mid-sized venues. It is also a very discrete and efficient stage monitor for theatre or TV stage. APG's digital processor offers complete digital signal processing for individual speaker processing as well as full system management.

APG

DX8

Technical Specifications



Features

Description	Multi-purpose coaxial wedge, passive
Usable bandwidth (± 10 dB)	60 Hz - 20 kHz
SPL max @1m	130 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	105° x 105° (2)
Nominal impedance	8 Ohm

Components

Transducers	1 x 8" ND with ventilated driver 1 x 1" HF ND driver
Topology	Coaxial
Type of load	Bass reflex
Way and amplification section	2 way, mono amplified

Power

AES	200 W (3)
Maximum power handling	800 W (4)

Construction

Cabinet / Painting	12 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H,W,D (mm)	16.6" x 9.2" x 10.2" (422 x 236 x 260 mm)
Weight (kg)	26.4 lb (12 kg)
Connectors	2 x Speakon NL4MP (5)
Handles	2 integral cut-out handle
Front face	Acoustically transparent perforated steel, 5 mm acoustic foam
Fittings	1 x 35mm , pole mount socket
Color	Black RAL 9005
IP	43

Options & Accessories

QRFS30	Quick Release (or Removable) Flying System (Max 30 kg)
QFS2	2 integrated steel pieces for quick rigging
ETDX8	Fixed installation lyre bracket for DX8 (6)
SCDX8	Soft cover for 1x DX8
COL	Specific RAL color option

Electronics

Processors	DMS48F, DMS48F_D*
Amplifiers	DA8, DA12 / QUATTROCANALI

D* : Dante Option

- (1) Peak level @ 1m AES2-2012 2msr using 12dB crest factor pink noise with APG preset
- (2) Nominal directivity @-6dB
- (3) Continuous power according to AES2-2012 in DCR
- (4) Peak power according to AES2-2012 in DCR
- (5) SPEAKON connectors are wired hot pin 1+, cold pin1- (2+ and 2- are not connected)
- (6) The ETDX8 is a simple and costeffective lyre bracket dedicated to fixed installation.

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APG has a comprehensive research and development policy for the continual improvement of its products and service.

Due to this, new materials, manufacturing methods and technological changes may be introduced without prior notice. As a result, an APG product can differ from its published description in certain areas. However, unless otherwise indicated, its characteristics will always equal or better the published specifications.

5 YEARS WARRANTY *A five years warranty covers passive filters, transducers and compression drivers. The warranty does not cover cosmetic damages and damages due to misuse, improper installation, or damages caused by alterations.

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