

iX Series

Compact indoor loudspeaker

Two way coaxial, bass reflex
1x6,5" ventilated cone driver
1" dome tweeter

Features

Very small size
Wide conical dispersion
Sound clarity & reproduction accuracy
Natural or black wood finish

Applications

Fixed installation Distributed sound
5.1 Home theatre

Specifications

60Hz - 20kHz @ -10dB
118 dB SPL Max @ 1m
120° x 120°
100 W AES - 8 ohms

Mono-amplification mode
IX6W white version

The APG iX6 speaker is a two way full range speaker developed for high quality fixed installations. It features a specific 6,5" cone driver with a coaxial dome tweeter. The iX6 is characterized by its very small dimensions and its high quality finish.

It offers a clear and precise sound reproduction of the mid/high frequencies up to 20kHz. The coaxial technology produces a perfectly coherent and consistent sound on a wide 120° conical dispersion beyond 10 kHz.

The T50 and T100 options comprise a 50W or 100W additional transformer for 70V-100V line cabling. DMS48F processor is not necessary but advisable if the speaker is to be used in wideband mode. Otherwise the APG DMS48F processor will provide active filtering and system alignment between the subwoofer and the iX6 when low frequencies reinforcement is required.

iX6



iX6 speaker

The iX6 is a very small square shaped speaker, intended for small and medium size indoor sound systems as well as for additional distributed sound in large installations.

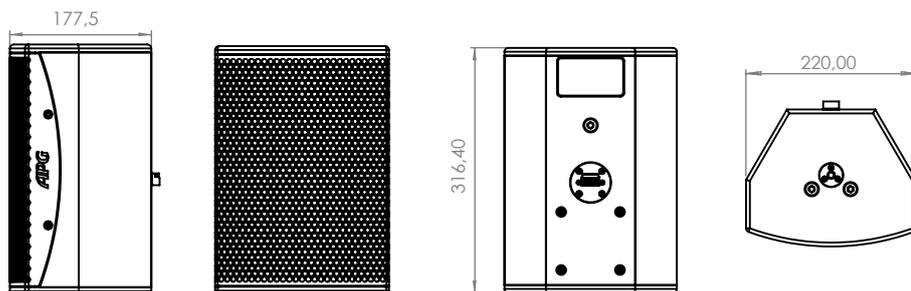
Taking advantage of its compactness and its wide acoustical dispersion, the iX6 produces a clear and consistent sound while being very discreet. The two very high standard finishes offer the possibility of blending them in any modern design environment.

The iX6 can be installed in many ways, wall, or ceiling or truss-mounted via its specific rotating lyre bracket (option IX6B), or simply put on a shelf. When used in full range mode, the iX6 is ideal for conference applications, background music or as additional satellites for large P.A. system. Combined with a subwoofer the iX6 constitute a very nice surround system ideal for "Home Theatre" applications or for background music in high class restaurants or private clubs. It is also suitable for clubs, lounges and small dancing areas.

APG

iX6

Technical Specifications



Features

Description	Compact indoor loudspeaker
Usable bandwidth (± 10 dB)	60 Hz - 20 kHz
SPL max @1m	118 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	120° x 120° (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 6,5" coaxial 1 x 1" HF ND driver
Topology	Coaxial - APG NDB Baffle
Type of load	Bass reflex
Way and amplification section	2 way, mono amplified

Power

AES	100 W (3)
Maximum power handling	400 W (4)

Construction

Cabinet / Painting	12 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H,W,D (mm)	8,6" x 12,4" x 6,9" (220 x 316 x 177,5 mm)
Weight (kg)	13.4 lb (6,1 kg)
Connectors	Phoenix 2-way (2 way in / 2 way out)
Handles	-
Front face	Acoustically transparent perforated steel, black acoustic tissue
Fittings	3/4", pole mount socket
Color	Black RAL 9005
IP	43

Options & Accessories

IX6B	Lyre bracket for iX6 (5)
IX6BW	Lyre bracket for iX6 (white version) (5)
IX6BCOL	Lyre bracket for iX6 (RAL version)
T50	Line transformer 70V / 100V, 50W
T100	Line transformer 70V / 100V, 100W

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) IX6B is a steel bracket allowing installation of speakers on either wall or ceiling with angle adjustment.

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.

Diffusion : July 2021 / DOP_1265_C

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.

APG

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