

iX Series

Ultra compact indoor loudspeaker

Two way coaxial, bass reflex
1x5" ventilated cone driver
1" dome tweeter

Features

Ultra compact
Visually discreet
Studio monitor-like performance
APG NDB : No Diffraction Baffle

Applications

Nearfield listening
Distributed audio
Delay/in-fill

Specifications

60Hz - 20kHz @ -10dB
116 dB SPL Max @ 1m
105° x 105°
100 W AES - 16 ohms

Mono amplification mode
IX5W white version

The APG iX5 is a miniature 2-way full range loudspeaker. The low/mid frequencies are handled by a 5" long-throw driver loaded in a bass-reflex enclosure, while HF is handled by a coaxial dome tweeter.

The coaxial technology and acoustic baffling ensure a coherent and linear acoustic field with a substantial reduction in diffraction phenomena. The tweeter is physically aligned with the bass driver which results in a particularly linear phase response with a 105° conical dispersion pattern.

The iX5 is characterised by its ultra-compact size and audio quality that is comparable to the best studio monitors on the market, but with even better performance and power handling. The ergonomics remain simple, but dedicated to the needs of fixed installation: cubic format; recessed Phoenix connectors for discreet cabling; metal inserts for stand-/wall-/ceiling-mounting via the IX5B bracket; fitting for optional 70/100V line transformer.

The DMS48F digital processors provide loudspeaker management and filtering for the iX5 in full range mode combined with a APG subwoofer.

iX5



iX5 speaker

The iX5 is a satellite speaker optimised for highly accurate sound reinforcement in fixed installations. It may be used for distributed systems, nearfield listening, delay/in-fill, or as a main PA with or without subs. Thanks to its reduced form factor, iX5 is aimed at small to medium-sized venues although as part of a distributed system, it can be used to cover very large areas as well. It is an ideal choice for applications where discretion needs to be combined with optimal intelligibility.

The iX5 may be wall- or ceiling-mounted thanks to the optional IX5B bracket, but can also be stand-mounted or simply placed on a suitable surface. Although it has an impedance of 16 ohms, it can be fitted with an optional 50W transformer for 70V/100V line applications.

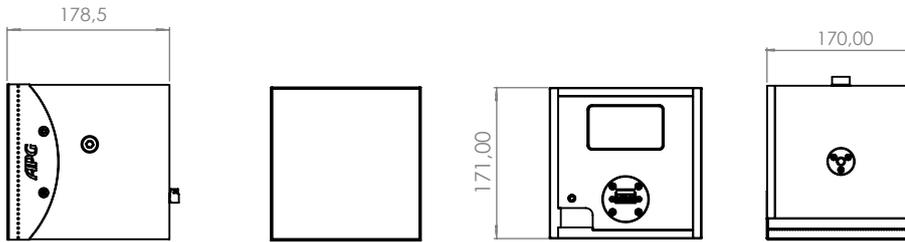
In full range mode, the iX5 is ideal for vocal reinforcement such as conferencing, background music as well as delay/in-fill applications. When combined with appropriate subwoofers, iX5 provides an ultra-compact solution for FoH systems in small spaces such as bars, small clubs and theatres etc.

APG's digital processors offer a number of speaker management options to handle the iX5 in any application or configuration.

APG

iX5

Technical Specifications



Features

Description	Ultra compact indoor loudspeaker
Usable bandwidth (± 10 dB)	60 Hz - 20 kHz
SPL max @ 1m	116 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	105° x 105° (2)
Nominal impedance	16 ohm

Components

Transducers	1 x 5" coaxial 1 x 1" HF ND driver
Topology	Coaxial
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)	6,6" x 6,6" x 7,4" (170 x 170 x 190 mm)
Weight (kg)	9.2 lb (4,2 kg)
Connectors	Phoenix 2-way (2 way in / 2 way out)
Handles	-
Front face	Acoustically transparent perforated steel
Fittings	3/4", pole mount socket
Color	Black RAL 9005
IP	43

Options & Accessories

IX5B	Lyre bracket for iX5 (5)
IX5BW	Lyre bracket for iX5W (white version) (5)
IX5BCOL	Lyre bracket for iX5 (RAL version)
T50	50W line transformer 70V/100V

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) IX5B 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_1263_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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