

iX Series

High-power installation loudspeaker

Two-way coaxial, bass-reflex
1x15" ventilated cone driver
1.4" HF driver

Features

Exceptional size-to-power ratio
High acoustic precision
All-round ergonomics for fixed installation

Applications

Short and medium-throw coverage FOH system
High-power sound system
Dispersion and immersive sound

Specifications

45Hz - 20kHz @ -10dB
136 dB SPL max @ 1 m
90° x 90°
550 W AES - 8 ohms

Mono-amplification mode
IX15W white version

The APG iX15 model is a stand-alone two-way unit for pure coaxial installation. The bass/medium range is handled by an elongated 15" speaker with a magnetic driver which uses a proprietary forced thermal cooling technology which makes it possible to reduce the losses inherent to thermal compression. The 1.4" HF driver is connected via an original passive filter which also makes it possible to minimise the energy loss in the passive components. These technologies bring about a very high dynamic capacity from the low right through to the very highest frequencies. The front face of the cabinet is designed to form a zero-diffraction baffle and obtain a consistent, linear acoustic field.

The iX15 stands out due to its acoustic performance at every level: dynamic capacity, sound reproduction quality, linearity of amplitude, both in terms of phase and directivity. In terms of ergonomics, the iX15 is optimised for fixed installations. It has a streamlined trapezoidal design, built-in connectors Speakon™, a stand socket and metal inserts for wall or ceiling mounting using the accessory IX15BV or IX15BH. The reference iX15W is the white version that matches the accessory IX15BVW / IX15BHW.

iX15



Speaker iX15

The iX15 is a passive, coaxial, high-power speaker whose ergonomic design naturally makes it the ideal choice for indoor use for a coverage of up to 20 m depending on the acoustics of the venue. It is equally suitable as a main FOH system or for dispersion or as a complement to high-power systems.

As an installation speaker, the iX15 can also be customised in terms of colour or be supplied with a "weatherproofed" finish for humid environments.

In stand-alone applications, the iX15 provides high-performance musical reproduction right down to the low frequencies, making it suitable for small theatres, music bars, karaoke, sports venues, etc.

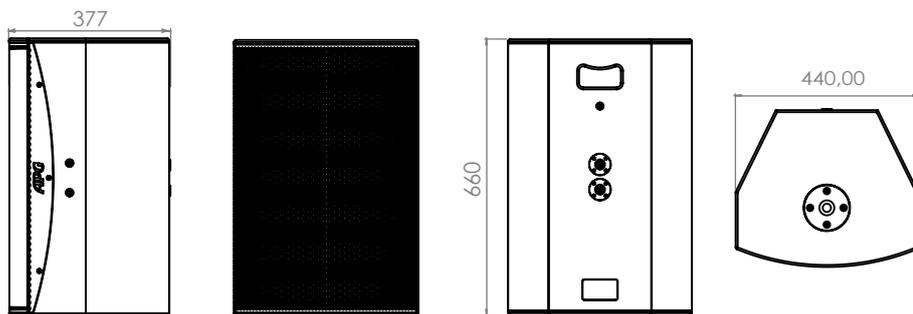
Combined with the APG subwoofers, it makes it possible to put together very high-performance FOH systems that work equally well in show venues, theatres or music clubs. The iX15's acoustic linearity makes this speaker perfect for spatial, immersive sound reproduction.

To operate the iX15, it is essential to use an APG digital processor irrespective of whether it is being used in stand-alone mode or system mode with subwoofer for infra-bass extension.

APG

iX15

Technical Specifications



Features

Description	High power installation loudspeaker
Usable bandwidth (± 10 dB)	45 Hz - 20 kHz
SPL max @1m	136 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	90° x 90° (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 15" coaxial ventiled 1 x 1,4" HF ND driver
Topology	Coaxial - APG NDB Baffle
Type of load	Bass reflex
Way and amplification section	2 way, mono amplified

Power

AES	550 W (3)
Maximum power handling	2200 W (4)

Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H,W,D (mm)	17,3" x 25,9" x 14,8" (440 x 660 x 377 mm)
Weight (kg)	50,7 lb (23 kg)
Connectors	2 x Speakon NL4MP (5)
Handles	1 integral cut-out handle
Front face	Acoustically transparent perforated steel, black acoustic tissue
Fittings	Base for 35mm stand
Color	Black RAL 9005
IP	43

Options & Accessories

IX15BH	Horizontal lyre bracket for iX15 speaker (6)
IX15BHW	Horizontal lyre bracket for iX15W speaker (white version) (6)
IX15BHCOL	Horizontal lyre bracket for iX15 speaker (RAL version)
iX15BV	Vertical lyre bracket for iX15 speaker
iX15BVW	Vertical lyre bracket for iX15W speaker (white version)
iX15BVCOL	Vertical lyre bracket for iX15 speaker (RAL version)
CM-P	Phoenix connector kit
T200	Line transformer 70V / 100V, 200W

Electronics

Processors	DMS48F, DMS48F_D*
Amplifiers	DA8, DA12 / QUATTROCANALI

D* : Option Dante

- (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) The 4 pins Speakon connectors are wired 1+, 1- in Lo/LoMid and 2+, 2- in Mid/Hi.
- (6) The IX15BV / IX15BH fastening system consists of steel bracket that makes it possible to mount the speakers on the wall or ceiling and also to adjust the angle.

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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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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