

# iX Series

## Compact Indoor Loudspeaker

Two way coaxial, bass reflex  
1x8" ventilated cone driver, 2" voice coil  
1" HF driver, 1,5" voice coil

## Features

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

## Applications

High class sound system  
Distributed sound  
Fixed installation, Monitoring

## Specifications

65Hz – 19kHz @ -10dB  
200 W AES  
126 dB SPL Max @ 1m  
100° conical  
8 Ohms

Mono amplification mode

The APG iX8 Speaker is a two way wideband speaker developed for high quality fixed installations. It features a specific 8" cone driver with a coaxial dome tweeter.

The iX8 is characterized by an extended bandwidth in the low frequency compared to the MX1. In addition, it offers the same precision and finesse of sound reproduction in Medium and High frequencies.

The coaxial mounting offers a perfect acoustic dispersion with a homogenous dispersion covering of 100°.

The standard version is in natural beech finish while the iX8 is a black ash veneer.

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 iX8 when low frequencies reinforcement is required.

APG recommend the following subwoofers: SB112 or SB115-M2.

# i X 8



iX8 speaker

The iX8 is a compact speaker offering studio monitor reproduction quality, 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 coverage, the iX8 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.

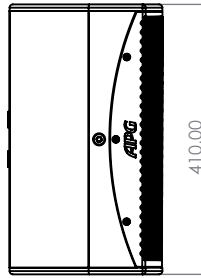
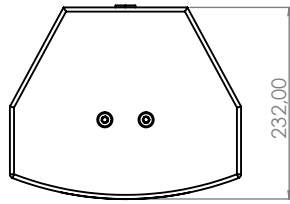
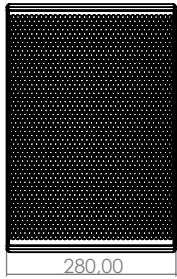
The iX8 can be installed in many ways, wall, ceiling or truss-mounted via its specific rotating lyre bracket (option IX8BV/IX8BH), or simply put on a shelf. When used in full range mode, the iX8 is ideal for conference applications, background music or as additional satellites for large P.A. system.

Combined with APG's subwoofers, the iX8 constitute a very nice surround system ideal for background music applications in high class restaurants, cabarets or private clubs. It is also suitable for clubs, lounges and small dancing areas.

# APG

# iX8

## Technical Specifications



### Features

	Low section	High section
Frequency rang with processor ( $\pm 10$ dB)		65 Hz to 19 kHz
Continuous dB SPL level @1m		120 dB SPL
dB SPL max level @1m (1)		126 dB SPL
Coverage angles		100° Conical (2)
Nominal impedance		8 Ohms

### Components

Transducers	1 x 8" ventilated driver	1" HF driver
Coil diameter	2"	1,5"
Type of load	Bass Reflex	Coaxial horn

### Power

Recommended amplification	100 to 400 W
AES (3)	200 W

### Construction and characteristics

Cabinet	MDF 15 mm / Black impact resistant aquarethane coating
Dimensions (H, W, D)	11" x 16.1" x 9.1" (280 x 410 x 232 mm)
Net weight	23,9 lb (10,85 kg)
Connectors	SPEAKON NL4MP (4)
Mechanical aspect: Front face	Black Jersey fabric / Acoustically transparent perforated steel
IP	43

### Options and Accessories

IX8BH (5)	Horizontal lyre bracket for iX8 speakers
IX8BHW	Horizontal lyre bracket for iX8W speakers (white version)
IX8BHCOL	Horizontal lyre bracket for iX8 speakers (RAL version)
IX8BV (5)	Vertical lyre bracket for iX8 speakers
IX8BVW	Vertical lyre bracket for iX8W speakers (white version)
IX8BVCOL	Vertical lyre bracket for iX8 speakers (RAL version)
CM-P	Phoenix connector kit
T100	Line transformer 70V / 100V, 100W

### Electronics

Processors	DMS48F, DMS48F_D*
Amplifiers	SA20:2, SA30:2, SA100:2, DA15:4_D*, DA50:4_D*

D\* : Dante Option

Although the iX8 is a passive speaker system, the specifications table clearly shows a high and a low section. With this information, the precise amount of energy reproduced by each transducer can be worked out as well as the frequency bands within which they operate.

(1) AES2 Norm 2012 power handling corresponds to a 2 hour test using weighted pink noise (peak factor of 12dB) through a frequency range in 24dB/oct of one decade.

(2) Dispersion is controlled from 500 Hz. The angles given here are irrelevant below this frequency.

(3) In order to take full benefit of the dynamic performance, sonic quality and reliability of the speakers, the recommended amplification must at least correspond to the AES rating. Lesser amplification is acceptable for applications requiring less power (near-field, distributed systems,...), whilst not being less than half the AES rating. The AES power handling corresponds to a 2 hour test using weighted pink noise (peak factor of 6dB) through a frequency range of one decade.

(4) The 4 pins Speakon connectors are wired 1+, 1- in Lo/LoMid and 2+, 2- in Mid/Hi.

(5) IX8BV / IX8BH 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 : September 2020

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.