

iX Series - Outdoor

High performance loudspeaker - Outdoor

Two way coaxial, bass reflex
1x12" ventilated cone driver
1,4" HF driver
IP 54

Features

Exceptional size/power ratio
Sound reproduction accuracy
High level of reliability
Studied ergonomics for fixed installation

Applications

F.O.H application
Fixed Installation

Specifications

50Hz - 20kHz @ -10dB
134 dB SPL Max @ 1m
90° x 90°
450 W AES - 8 ohms

Mono-amplification mode

The iX12-O is a two way full range compact loudspeaker designed for fixed installation purpose. The lo/ mid section comprises a 12" cone driver installed in bass reflex. The mid/hi section comprises a 1" HF driver. The iX12-O is equipped with a set of high coaxial speakers which confers a perfectly coherent sound field with a conical dispersion of 90°.

The APG iX12 loudspeaker is characterized by anti-diffraction baffle which allows it to have a excellent linearity. This results is a constant directivity. The iX12 is characterized by - SPL level / size - important, particularly extended bass, which provides

high-precision sound reproduction quality both in voice and music applications.

The iX12 has an impedance of 8 ohms.

Ergonomic, the iX12 offers all the functions and options suitable for outdoor installation:

aesthetic trapezoidal format, Speakon connectors, surface treatment resistant to humidity and allowing the flow of water.

iX 12 - O



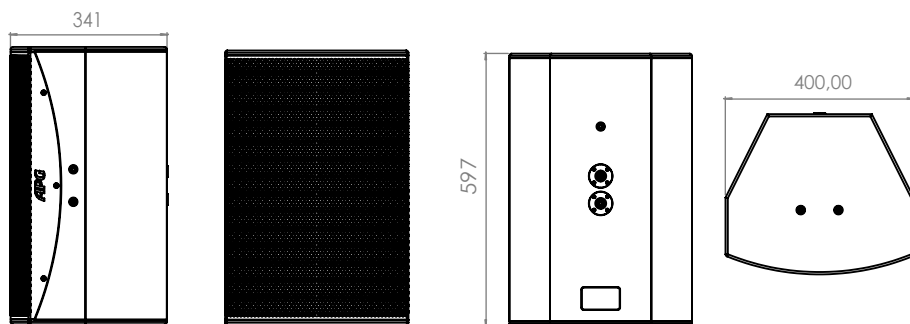
iX12-O speaker

The iX12-O offers a great flexibility in use: all types of Front of House, with or without subwoofer. This loudspeaker is characterized by a very advantageous size/power ratio and its high reliability during extreme operation. The ergonomics and the multiple additional options of the iX12-O offer a perfect adaptability with all the architectural constraints: it can simply be put on the floor, suspended alone or in coupling configuration or fixed at the wall or the ceiling; it can receive special treatment for tropical environment. As a speaker of main system, it is dedicated to medium size high precision applications. The iX12-O can be used alone to offer high precision and clearness in vocal application. For music applications in full range mode, the use of a dedicated processor is mandatory in order to enhance the musical reproduction. Combined with subwoofers, the iX12-O can make compact front of house systems providing with important dynamics, well adapted to sound clubs, cabarets or concert halls.

APG

iX12-O

Technical Specifications



Features

Description	High performance loudspeaker - Outdoor
Usable bandwidth (± 10 dB)	50 Hz - 20 kHz
SPL max @1m	134 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	90° x 90° (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 12" coaxial ventiled 1 x 1,4" HF ND driver humidity resistant
Topology	Coaxial - APG NDB Baffle
Type of load	Bass reflex
Way and amplification section	2 way, mono amplified

Power

AES	450 W (3)
Maximum power handling	1800 W (4)

Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant polyurethane
Dimensions H,W,D (mm)	15,7" x 23,5" x 13,4" (400 x 597 x 341 mm)
Weight (kg)	44 lb (20 kg)
Connectors	2 x Gland kit connector
Handles	-
Front face	Acoustically transparent perforated steel, black acoustic tissue
Fittings	-
Color	Black RAL 9005
IP	54

Options et Accessories

IX12BH-O	Horizontal lyre bracket for iX12 speaker (5)
iX12BV-O	Vertical lyre bracket for iX12 speaker
T100	Line transformer 70V / 100V, 100W
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) IX12BV-O / IX12BH-O is a stainless 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_1284_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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