

iS-O Series

Compact Subwoofer

1 x 12" Neodyme (3" voice coil)
Bass Reflex
IP54

Features

Compact size
Accuracy in low frequency reproduction
Sonic impact

Applications

Very compact mobile systems
Unobtrusive in fixed installations

Specifications

45 Hz - 150 Hz @ -10dB
137 dB SPL Max @ 1m
800 W AES - 8 ohms

The iS112-O is an extremely compact and efficient subwoofer for either fixed installations or mobile applications. It features a single 12" cone driver loaded in bass reflex

This exclusive design significantly reduces the volume of the acoustic load in order to obtain the best size / low cutoff frequency ratio as well as a significant efficiency gain in terms of useable bandwidth and perfect membrane movement control. This driver takes advantage of a forced thermal cooling, which drastically reduces thermal compression, resulting in high sound pressure capacity.

iS112-O



Subwoofer iS112-O

Thanks to its refined cabinetry facilitating the flow of water, the iS112-O is a subwoofer optimized for the sound reinforcement of fixed installation projects outdoors.

In order to maintain its appearance and performance for many years, the iS112-O subwoofer is covered with black polyurethane paint and has a magnelis steel grille.

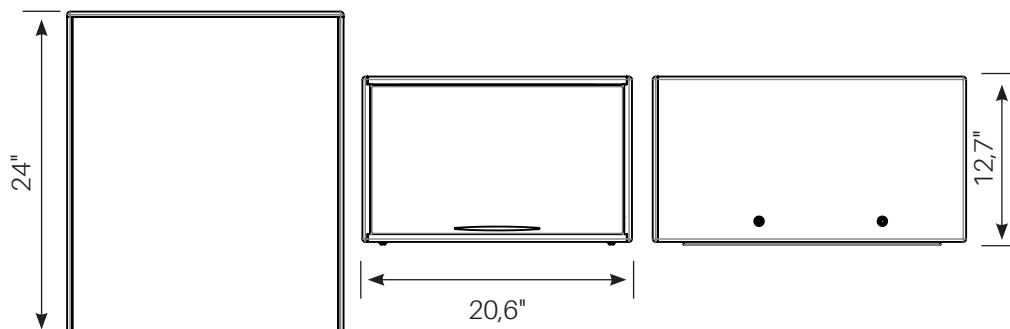
The iS112-O is designed for low frequency reinforcement of small to medium power sound systems where compactness and discretion is at a premium. In fixed installations, iS112-O's reduced dimensions enable unobtrusive installation in restricted environments, such as terraces, in queue of amusement park or integrated into decorations set up outside. The iS112-O offers low frequency from 45 Hz for maximum precision even in difficult acoustic environments.

The iS112-O can be combined with iX-O series speakers to form compact, portable FOH systems for low and medium power music reproduction. This subwoofer is perfectly suitable for distributed sound in large scale outdoor installations.

APG

iS112-O

Technical Specifications



Features

	iS112-O
Description	Compact subwoofer
Usable bandwidth (± 10 dB)	45 Hz - 150 Hz
SPL max @1m	137 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	Omnidirectionnal (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 12" Neodyme
Topology	-
Type of load	Bass Reflex
Way and amplification section	1 way, mono amplified

Power

AES	800 W (3)
Maximum power handling	3200 W (4)

Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant polyurethane
Dimensions H, L, P (mm)	12,7" x 20,6" x 24" (325 x 525 x 610 mm)
Weight (kg)	53,1 lb (24,1 kg)
Connectors	1 x Gland kit connector
Handles	-
Front face	2,5mm acoustically transparent perforated steel
Fittings	-
Color	Black RAL 9005
IP	54

Options & Accessories

COL	Specific RAL color option
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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

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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.

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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