

iS Series

Compact Subwoofer

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

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 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.

In terms of ergonomics, the iS112 features, a pole-mount point, recessed connectors and protective skids.

The iS112 must be used with APG processors and amplifiers.

i S 1 1 2



Subwoofer iS112

The iS112 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's reduced dimensions enable unobtrusive installation in restricted environments, such as under seats or on a small stage, or flown from the ceiling.

The iS112 offers low frequency from 45 Hz for maximum precision even in difficult acoustic environments.

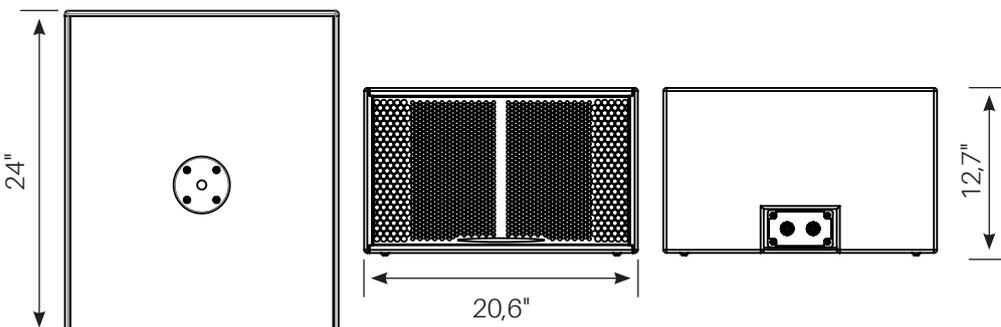
The iS112 can be combined with iX and DX series speakers to form compact, portable FOH systems for corporate events, A/V applications, low and medium power music reproduction. It is ideal for small venues, conference or indeed as part of a compact, efficient FOH system in bars, small clubs or mobile sound systems.

This subwoofer is perfectly suitable for distributed sound in large scale installations. The sonic impact and precision make it efficient for « drum fill » application on small stages.

APG

iS112

Technical Specifications



Features

	iS112
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 aquarethane
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	2 x Speakon NL4MP (5)
Handles	-
Front face	2,5mm acoustically transparent perforated steel
Fittings	M20 insert, pole mount socket
Color	Black RAL 9005
IP	43

Options & Accessories

iS112BH	Hanging bumper for iS112
COL	Specific RAL color option

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) SPEAKON connectors are wired hot pin 1+, cold pin1- (2+ and 2- THRU)

Diffusion : February 2021 / DOP_1431_B

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.

APG

ARBANE GROUPE - 8 Rue Johannes Gutenberg 44340 BOUGUENAI - FRANCE
Tel. : +33 (0)2 40 46 66 64 - e.mail : contact@apg.audio - www.apg.audio

arbane
groupe