

iS Series

Compact Subwoofer

1 x 10" Ferrite (3" voice coil)
Bass Reflex

Features

Compact size
Discretion
Horizontal or Vertical position

Applications

Very compact mobile systems
Unobtrusive in fixed installations

Specifications

45 Hz - 150 Hz @ -10dB
132 dB SPL Max @ 1m
500 W AES - 8 ohms

The iS110 is designed for low frequency reinforcement of small to medium power sound systems where space is at a premium.

The iS110 is an extremely compact and efficient subwoofer for fixed installations. It features a single 10" ferrite cone driver, vented and 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.

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Subwoofer iS110

The iS110 is ideal for small theatres and conference rooms as well as AV applications or background music reproduction in small bars or hotel lobbies. The iS110 can be combined with iX and DX series.

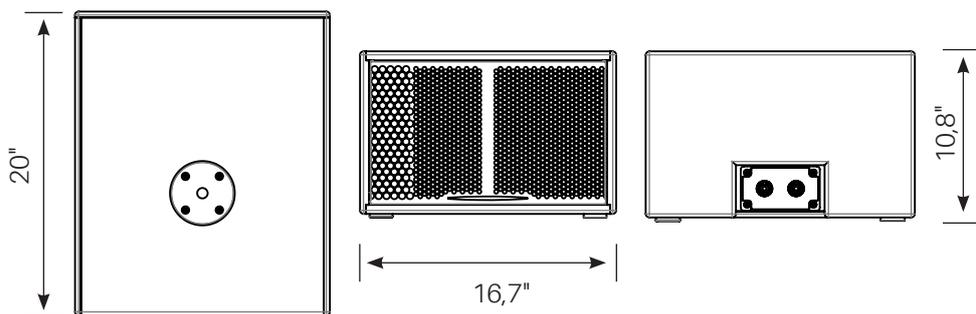
The flat shape of the iS110 make it very discrete and easy to integrate in any indoor environments such as under seats or even flown from the ceiling. It is also possible to use it in vertical position fixed along a wall thanks to optional metal corner parts. Recessed input connectors allow a discrete cabling.

The iS110 should be exclusively used with APG processors and amplifiers for which they are recommended.

APG

iS110

Technical Specifications



Features

	iS110
Description	Compact subwoofer
Usable bandwidth (\pm 10 dB)	45 Hz - 150 Hz
SPL max @1m	132 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	Omnidirectionnal (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 10" Ferrite
Topology	-
Type of load	Bass Reflex
Way and amplification section	1 way, mono amplified

Power

AES	500 W (3)
Maximum power handling	2000 W (4)

Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H, L, P (mm)	10,8" x 16,7" x 20" (275 x 425 x 510 mm)
Weight (kg)	41,8 lb (19,2 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

iS110KMV	Wall or ceiling mounting accessory for iS110
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)

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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.

APG

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