

iS Series

Compact Subwoofer

1 x 15" Neodyme (3" voice coil)
Bass Reflex

Features

Minimum height and width
Accuracy in low frequency reproduction
Sonic impact and precision

Applications

Very compact mobile system
Unobtrusive in fixed installations
Stage monitoring drum fill

Specifications

42 Hz - 120 Hz @ -10dB
138 dB SPL Max @ 1m
900 W AES - 8 ohms

The iS115 is an extremely compact and efficient subwoofer for either fixed installations or mobile applications. It features a single 15" neodymium cone driver. 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 iS115 features two integrated handles, recessed input connectors, a pole-mount point and protective skids.

The iS115 should be exclusively used with APG processors and amplifiers for which they are recommended.

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Subwoofer iS115

The iS115 is designed for low frequency reinforcement of small to medium power sound systems where space is at a premium. The total efficiency gain resulting from both the acoustic load and the forced venting technology is about 3dB of sound pressure. The iS115 is therefore an ideal choice for applications where maximum power in the low frequencies is required from a minimum amount of space.

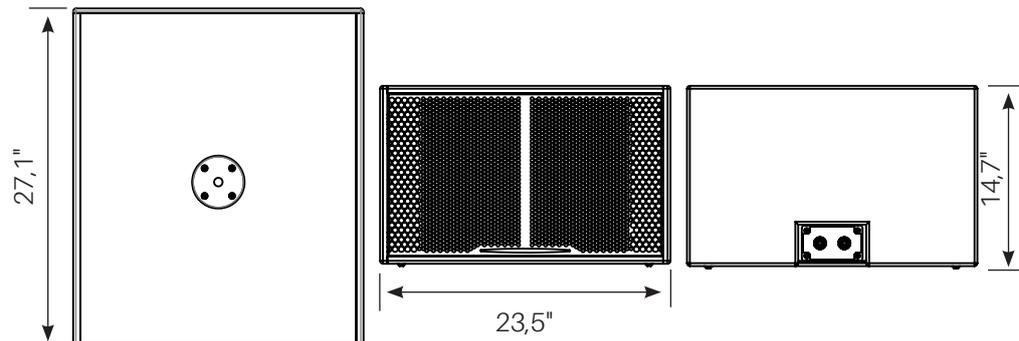
In fixed installations, iS115's reduced dimensions enable unobtrusive installation in restricted environments, such as under seats or on a small stage, or flown from the ceiling. They are ideal for theatres, conference room or multi-media applications or indeed as part of a compact, efficient FOH system in bars, small clubs or mobile sound systems.

These subwoofers are also perfect for distributed sound in large scale installations. The slots in the top of the enclosure allow the physical coupling with DX12 and DX15 speakers to form compact and discreet drum fill systems on stage. The iS115's offers low frequency from 40Hz for maximum precision even in difficult acoustic environment.

APG

iS115

Technical Specifications



Features

	iS115
Description	Compact subwoofer
Bandwidth (± 10 dB)	42 Hz - 120 Hz
SPL max @1m	138 dB SPL (1)
Nominal directivity ($H^\circ \times V^\circ$)	Omnidirectionnal (2)
Nominal impedance	8 ohm

Components

Transducers	1 x 15" Neodyme
Topology	-
Type of load	Bass Reflex
Way and amplification section	1 way, mono amplified

Power

AES	900 W (3)
Maximum power handling	3600 W (4)

Construction

Cabinet / Painting	15 mm Finnish Birch plywood / Black impact resistant aquarethane
Dimensions H, L, P (mm)	14,7" x 23,5" x 27,1" (375 x 598 x 690 mm)
Weight (kg)	72 lb (32,7 kg)
Connectors	2 x Speakon NL4MP (5)
Handles	2 integral cut-out handle
Front face	2,5mm acoustically transparent perforated steel
Fittings	M20 insert, pole mount socket
Color	Black RAL 9005
IP	43

Options & Accessories

LKiS115-iX12	iS115 to iX12 connection accessory
iS115BH	Hanging bumper for iS115
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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