

Subwoofers

Compact Subwoofer

1 x 15" Neodymium cone driver (3" voice coil)
Dual interactive chamber

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

43 Hz - 300 Hz
1000 W AES
132 dB SPL Max @1m
8 Ohm
1 thermal protection

Processor required

The SB115-m2 is an extremely compact and efficient subwoofer for either fixed installations or mobile applications. It features a single 15" neodymium cone driver, vented and loaded in a dual interactive chamber cabinet. 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.

By consequence, the bandwidth efficiency gain compared to a traditional bass-reflex loaded cabinet is 3dB.

In terms of ergonomics, the SB115 features four integrated handles, eight fly/fixing points for ceiling mount purposes, recessed input connectors, a pole-mount point and protective skids.

The SB115 should be exclusively used with APG processors and amplifiers for which they are recommended.

SB115-M2

Preliminary Data



Subwoofer SB115-M2

The SB115 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 SB115 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, SB115'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 SB115's offers low frequency from 45Hz for maximum precision even in difficult acoustic environments.

APG