



Audience AB36

Key features:

- Superior LF reproduction: Double 18" drivers
- Extreme high "SPL to size ratio"
- Rectangular shape for economic truck loading and stable cargo
- Protecture coating, any RAL color on request

The AB36 Subwoofer is designed to deliver outstanding ultra low frequency music reproduction in a variety of applications including outdoor events, classical and theatrical productions and A/V presentations of all types.

The AB36 is one of the most challenging products of Stage Acoustic in terms of quality and diversity. Excellent reproduction of bass frequencies with high transient content at high levels, the AB36 is designed especially for live concert and sub-low effects.

The cabinet design is multiple to satisfy the needs of each facility, with strong metal grill to avoid damage and equipped with two 4-pole speakon connectors (input, link).

The AB36 subwoofer is powered by double SA1806N long excursion 18-inch woofers with 4-inch voice coils in a rigid birch plywood cabinet. The standard color is black, on request available in any RAL color.

For absolute top quality sound reproduction, the AB36 is completely pre wired for Dynamic Damping Control (DDC). The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the SA amplifier. Through these 'sense wires' the SA amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.

Technical specifications

Subwoofer

Freq. Response (+/- 5 dB)	: 32 Hz – 125 Hz
Usable bandwidth (+/- 10 dB)	: 28 – 150 Hz
Maximum Output	: 136 / 142 dB one enclosure @ 1m program / peak
Signal Processing	: OEM presets for various controllers available on request

Transducer Section

Low Frequency	: 2 x SA1806N, 18" Driver,
Nominal Impedance	: 4 Ohms
Input power rating	: 2000W / 4000W RMS / Peak
Bandpass Sensitivity	: 106 dB 1w @ 1m

Enclosure*

Box Construction	: 15 mm Birch plywood, Protecture finish, 8 handles
Grill	: Expanded steel, cloth-backed
Input Connectors	: 4-pin Speakon with Link out
Dimensions (H x W x D)	: 600 x 1200 x 860 mm
Net Weight	: 105 kg incl. Flying hardware
Warranty	: 5 years limited (1 year on 'moving parts')

*Also available is model AB37. This enclosure is suit with flying hardware (weight: 115 kg).