



## Audience AB18

Key features:

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

The AB18 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 AB18 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 AB18 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 AB18 subwoofer is powered by a single SA1806N long excursion 18-inch woofer with 4-inch voice coil 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 AB18 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	: 130 / 136 dB one enclosure @ 1m program / peak
Signal Processing	: OEM presets for various controllers available on request

#### Transducer Section

Low Frequency	: 1 x SA1806N, 18" Driver,
Nominal Impedance	: 8 Ohms
Input power rating	: 1000W / 2000W RMS / Peak
Bandpass Sensitivity	: 100 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 600 x 860 mm
Net Weight	: 65 kg
Warranty	: 5 years limited (1 year on 'moving parts')