



# Audience AB36

In this documentation you will find information about:

- Description
- Placement
- Dynamic Damping Control™
- Maintenance
- Connections
- Options
- Technical specifications

## Description

Driven by double 18" neodymium woofers the AB36 (band-pass) subwoofer delivers 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.

## Placement

The AB36 can be placed directly on the floor or stacked. Please note that bass-response may vary with the position of the cabinet, through "acoustic coupling"! (floor, ceiling and wall reflections).

## Wiring for DDC™

For absolute top quality sound reproduction, the AB36 is equipped with Dynamic Damping Control™. The DDC™ system is based on two loudspeaker wires that return from the speaker to the (SA) amplifier. The picture on the right shows the wiring of SpeakON NL4 connector in combination with the DDC™ system.

## Maintenance

Maintenance on the AB36, especially on the drivers, is best left to official Stage Accompany service personnel. However, cleaning of the cabinet can easily be done by yourself with a damp lint-free cloth.

## Connections

The AB36 is fitted with two SpeakON NL4 at the backside of the cabinet. (Caution: when linking, make sure nominal impedance stays within amplifier specification!).

## Options

The AB36 is standard finished in SA Black Protecture, but is also available in any possible RAL color (Multi Color Option™).



## Technical specifications

Frequency response	: 32Hz – 125Hz (+/- 5dB)
Usable bandwidth	: 28Hz – 150Hz (+/- 10dB)
Transducers	: 2 x SA1806N, 18" neodymium driver
Nominal impedance	: 4Ω
Max. RMS/Peak power	: 2000W/4000W
SPL program/peak	: 136dB/142dB
Band-pass sensitivity @ 1W/1m	: 106dB
Signal processing	: presets for various controllers are available on request
Enclosure construction	: 15mm Birch plywood, 8 handles, Protecture finish
Color	: SA Black, other colors on request
Front	: expanded steel with acoustic transparent cloth
Connectors	: 2 x SpeakOn NL4 (linked)
Physical dimensions (H x W x D)	: 600mm x 1200mm x 860mm (23.6" x 47.2" x 33.8")
Weight	: 105kg (231.0lb)
Warranty	: 5 years limited (1 year on 'moving parts')