

Audience AB18

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Description

Driven by an 18" neodymium woofer the AB18 (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 AB18 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 AB18 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

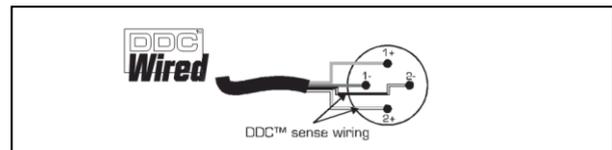
Maintenance on the AB18, especially on the drivers, is best left to official Stage Accompany service personnel. However, cleaning of the cabinet can easily be done by yourself with a damp lint-free cloth.

Connections

The AB18 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™). For use in a small PA a pole adaptor can be added to the AB18 to support the Prompter PR34.



Technical specifications

Frequency response	:	32Hz – 125Hz (+/- 5dB)
Usable bandwidth	:	28Hz – 150Hz (+/- 10dB)
Transducer	:	1 x SA1806N, 18" neodymium driver
Nominal impedance	:	8Ω
Max. RMS/Peak power	:	1000W/2000W
SPL program/peak	:	130dB/136dB
Band-pass sensitivity @ 1W/1m	:	100dB
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 600mm x 860mm (23.6" x 23.6" x 33.8")
Weight	:	65kg (143.0lb)
Warranty	:	5 years limited (1 year on 'moving parts')