

# Stage Accompany technical specifications SB 45(S)

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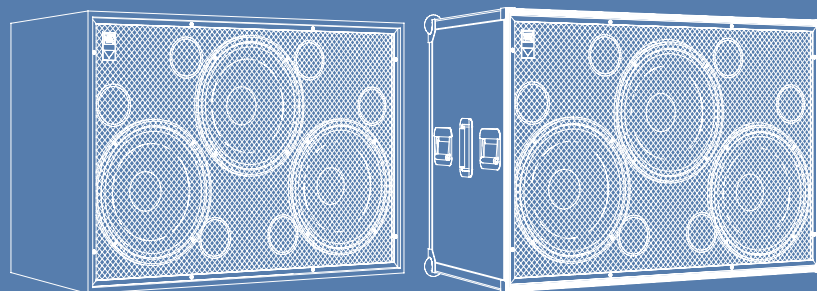


Passion for Real Sound...

## Content

In this document you find information about:

- Placement
- Connection
- Maintenance
- Options
- Dynamic Damping Control™
- Recommendations
- Technical specifications



SB 45 & SB 45S

## Placement

The SB 45(S) can be placed on the floor. Please note that bass-response may vary with the position of the cabinet, through "acoustic coupling"! (floor, ceiling and wall reflections).

## Connection

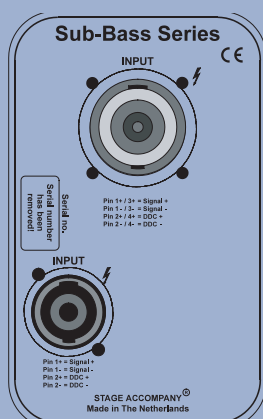
The SB 45(S) has one 4-pole Speakon connector and one 8-pole Speakon connector. The 4-pole Speakon connector "input" is used for connection. The 8-pole Speakon connector can be used in combination with a Stage Accompany Performer soundsystem.

## Maintenance

Maintenance on the SB 45(S), especially on the drivers is best left to official Stage Accompany service personnel. However, cleaning of the housing can easily be done by yourself with a damp, non fluffing cloth.

## Options

The SB 45(S) is standard finished in blue or black and is also available in any possible color (Multi Color Option).



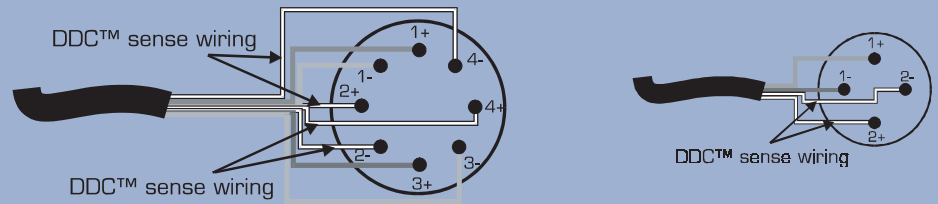
Connectorpanel of the SB 45(S) with one 8-pole and one 4-pole Speakon connector.

## Dynamic Damping Control DDC™

For absolute top quality sound reproduction, the SB 45(S) is completely pre wired for Dynamic Damping Control. The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the (SA) amplifier. Through these "sense wires" the amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.

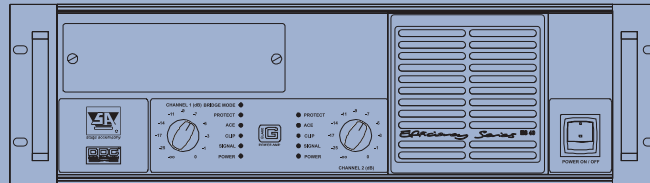
## Recommendation

To use the SB 45(S) separately from the Performer system we recommend the ES 40 power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite amplifier damping factor at the speakers terminals. To use the DDC™ system with an ES 40 amplifier, use Stage Accompany 4-pole LW Speakon cable (note: use the 8-pole LW Speakon cable for the Performer PR-2 and PR-3 racks!). The ES 40's Extended Function Network (EFN) module is a dedicated processing module with cross-over, protection and power optimizing function.



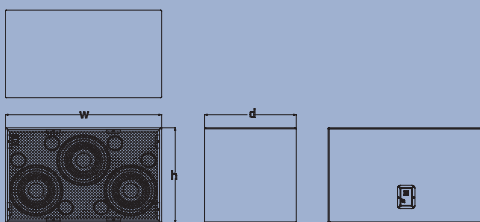
Wiring for DDC™ usage with a 4 and 8-pole Speakon connector.

ES 40 amplifier.

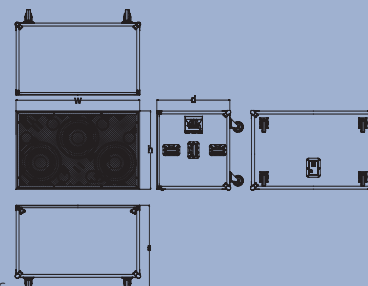


## Technical specifications

Frequency response:	30 Hz - 250 Hz (+/- 3dB)
Drivers:	3 x SA 1513 LF driver
Nominal impedance:	3 ohms
Sensitivity @ 1W/1m:	101 dB
Max. RMS power:	1200 W
Max. Peak power:	3000 W
SPL program/peak (dB)	132/136
Dispersion (100 Hz H x V):	Omni
Color:	Blue, black, other colors on request
Front:	Expanded metal grille + acoustic transparent cloth
Connectors:	1 x 8, 1 x 4 pole Speakons; 1 x Input
Physical dimensions:	SB 45: 730 x 1140 x 670 mm (h x w x d) SB 45S: 735 x 1145 x 674 mm (h x w x d)
Weight:	SB 45: 91 kg (200 lbs) SB 45S: 104 kg (229 lbs)



B 45



B 45S