

SB45 & SB45S.

## Subbass SB45(S)

In this documentation you will find information about:

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

### Placement

The SB45(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

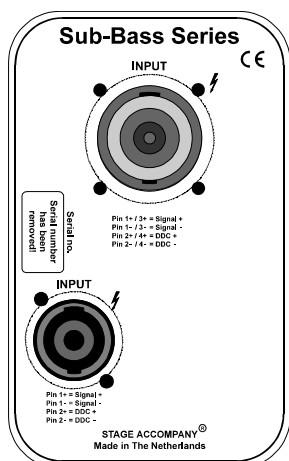
The SB45(S) has one 4-pole Speakon connector and one 8-pole Speakon connector. The 4-pole Speakon connector "input" is used for connection. The 8-pole Speakon connector can be used in combination with a Stage Accompany Performer soundsystem.

### Maintenance

Maintenance on the SB45(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

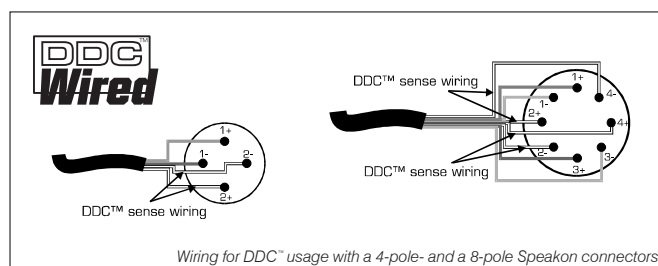
The SB45(S) is standard finished in SA Black and is also available in any possible RAL color (Multi Color Option™).



Connectorpanel of the SB45(S) with one 8-pole- and one 4-pole Speakon connector.

## Dynamic Damping Control (DDC™)

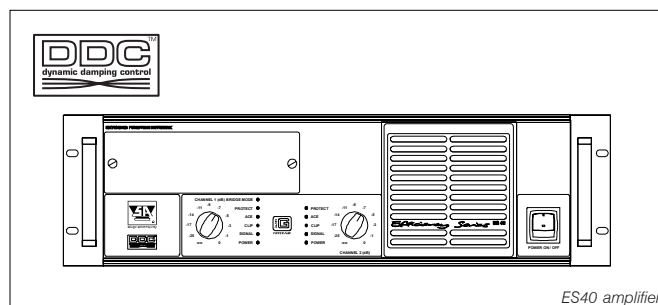
For absolute top quality sound reproduction, the SB45(S) is completely pre wired for Dynamic Damping Control™. The DDC™ system is based on 2 loudspeaker wires that return from the speaker to the (SA) amplifier. Through these "sense wires" the amplifier can compensate the speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.



## Recommendations

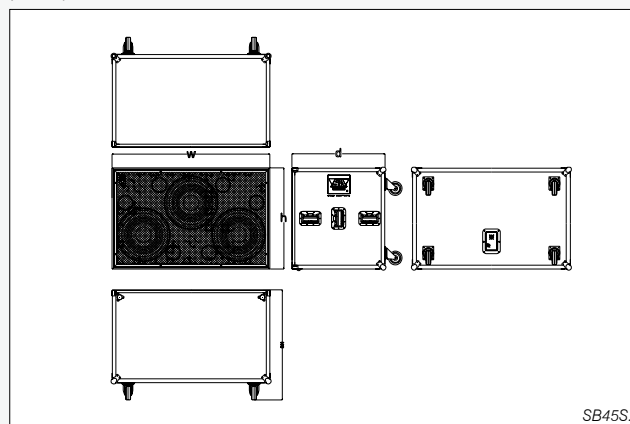
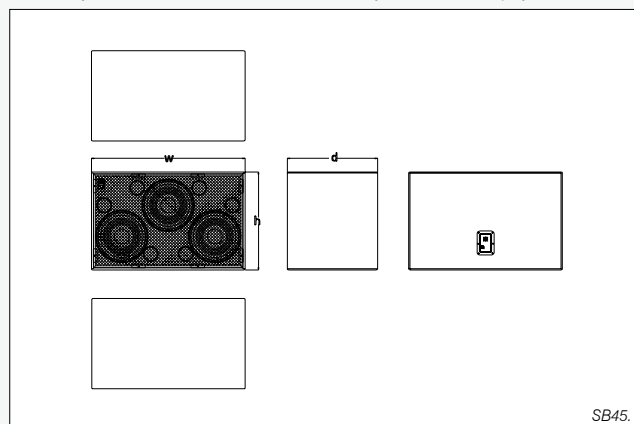
To use the SB45(S) separately from the Performer system we recommend the ES40 power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite amplifier damping factor at the speaker terminals. To use the DDC™ system with an ES40 amplifier, use Stage Accompany 4-pole LW Speakon cable (note: use the 8-pole LW Speakon cable for the Performer PR-2 and PR-3 racks!).

The ES40's Extended Function Network (EFN™) module can provide suitable filtering within the amplifier.



## Technical specifications

Frequency response	: 30 Hz - 250 Hz (+/- 3dB)
Drivers	: 3 x SA 1513 LF driver
Recom. cross-over freq.	: 70 - 100 Hz
Nominal impedance	: 3 Ohm
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	: SA Black, other colors on request
Front	: Expanded metal grille + acoustic transparent cloth
Connectors	: 1 x 8, 1 x 4 pole Speakon; 1 x Input
Physical dimensions (h x w x d)	: SB45 730 x 1140 x 670 mm (28.7 x 44.9 x 26.4 in.) SB45S 763 x 1145 x 674 mm (28.9 x 45.1 x 26.5 in.)
Weight	: SB45 91 kg (200.6 lb), SB45S 104 kg (229.3 lb)
Warranty	: 5 years limited (1 year on "moving parts")



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