

Stage Accompany technical specifications S30

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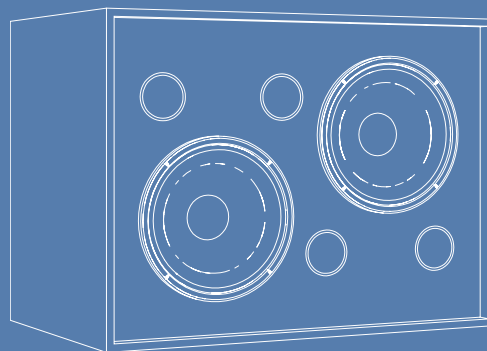


Passion for Real Sound...

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S30

Description

The S30 is a sub bass cabinet, with double SA 1513 long-excursion 15-in. woofers with 4-in. voice-coils in a rigid MDF cabinet, recommended for applications where tight and fundamental sub bass enhancement is needed.

Placement

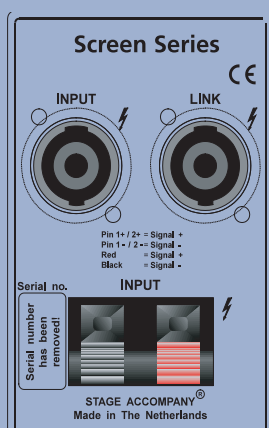
The S30 should be placed on the floor. Please note that bass-response may vary with the position of the cabinet, through "acoustic coupling"! (floor, ceiling and wall reflections).

Connection

The S30 has two 4-pole Speakon connectors and one terminal connector. Connecting can be done in two ways; with a 4-pole speakon or with the spring terminal connector (for use with loose wires). When using Speakon connectors, be sure that you use the 'Input' socket (see connectorpanel). In case you want to link several S 30 cabinets to the same channel, then it is easy to link them to another by using the 'Link' socket. (Caution! When linking, make sure nominal impedance stays within amplifier specification!). When using the spring-terminals, be aware of the right polarity (see connector panel).

Options

The S30 cabinet is standard finished in black Protecture™ and is also available in any possible RAL color through 'Multi Color Option™'. A steel-welded kick proof grill with water repellent cloth is available, to prevent speaker damage of a floor standing S30.



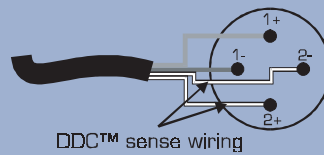
Connectorpanel of the S30 with two 4-pole Speakon connectors and a spring terminal.

Dynamic Damping Control DDC™

For absolute top quality sound reproduction, the S30 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. Furthermore, with DDC™, distortion is reduced substantially.

Recommendation

To use the S30 we recommend the SSA 200 power amplifier. This amplifier is standard equipped with DDC™, resulting in a virtually infinite damping factor at the speaker terminals. To use the DDC™ system with a SSA 200 amplifier, use 4-core speaker cable. The SSA 200's Extended Function Network ('EFN™') provides dedicated filtering, power optimizing and protection for the S30 (EFN-DP).



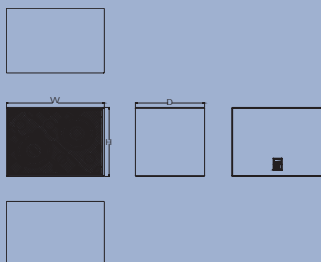
Wiring for DDC™ usage with a 4-pole Speakon connector.



SSA 200 amplifier.

Technical specifications

Frequency respons:	25 Hz - 250 Hz (+/- 3dB)
Drivers:	2 x SA 1513 driver
Cross-over frequency:	100 Hz
Nominal impedance:	4 ohms
Sensitivity @ 1W/1m:	98 dB
Max. RMS power:	800 W
Max. Peak power:	2000 W
SPL program/peak (dB)	127/131 dB
Dispersion (2kHz H x V):	Omni
Color:	Black, other colors on request
Front:	Expanded metal grille + acoustic transparent cloth (Option)
Connectors:	2 x 4 pole Speakon, 1 x Input, 1 x Link, 1 x Terminal
Physical dimensions:	750 x 1035 x 730 (29.5 x 40.8 x 28.7 in.)
Weight:	97 kg (213.8 lb)
Warranty:	5 years limited (1 year on 'moving parts')



S30