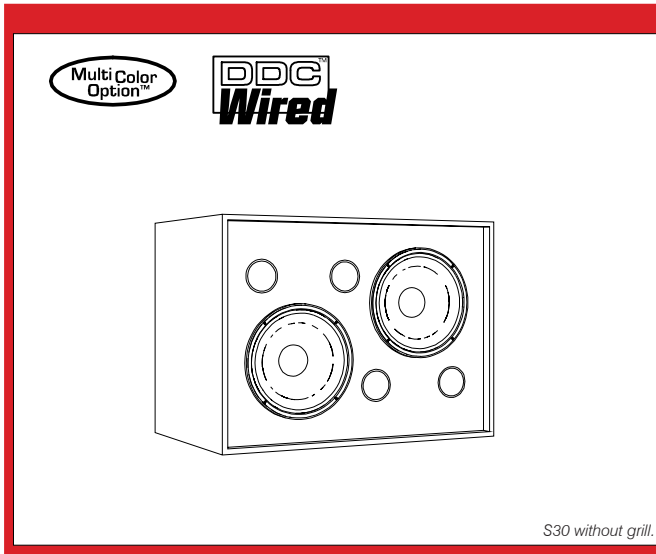




stage accompany

Technical specifications S30



Screen S30

In this documentation you will find information about:

- Description
- Placement
- Connection
- Options
- Dynamic Damping Control™
- Recommendations

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 a platform or on the floor. Please note that bass response may vary with the position of the cabinet, through "acoustic coupling" (floor, ceiling and wall reflections).

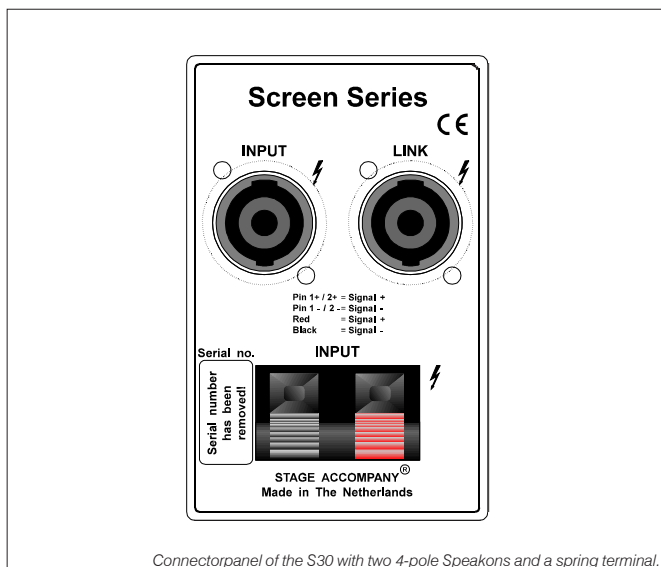
Connection

The S30 has two 4-pole Speakon connectors ("input", "link") and one spring-terminal connector (for connecting loose wires). When using Speakon connectors you can use the "input" socket for signal input; in case you want to connect several S30 cabinets to the same channel, the "link" socket can be used. 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 is standard finished in SA 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 Speakons and a spring terminal.

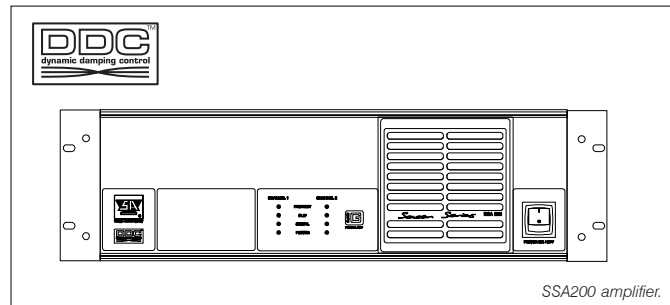
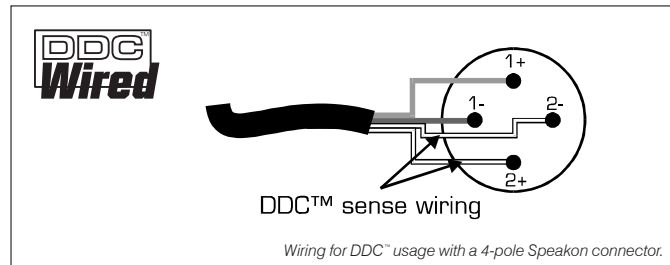
Dynamic Damping Control

For absolute top quality sound reproduction, the S30 is completely pre-wired for Dynamic Damping Control™. The DDC™ system is based on two additional (loudspeaker) wires between speaker and the (SA) amplifier. Through these "sense" wires, the DDC™ circuitry in the amplifier compensates speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.

Furthermore, with DDC™, distortion is reduced substantially.

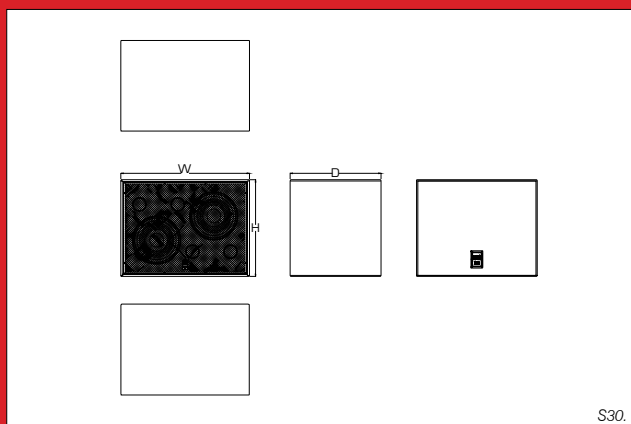
Recommendation

To use the S30 we recommend the SSA200 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 SSA200 amplifier, use 4-core speaker cable. The SSA200's Extended Function Network ("EFN™") provides dedicated filtering, power optimizing and protection for the S30 (EFN-DP).



Technical specifications

Frequency response	: 25 Hz - 250 Hz (+/- 3dB)
Drivers	: 2 x SA 1513 LF driver
Recom. cross-over freq.	: 100 Hz
Nominal impedance	: 4 Ohm
Sensitivity @ 1W/1m	: 98 dB
Max. RMS power	: 800 W
Max. Peak power	: 2000 W
SPL program/peak (dB)	: 127/131
Dispersion (100 Hz H x V)	: Omni
Color	: SA 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 (h x w x d)	: 750 x 1035 x 730 mm (29.5 x 40.8 x 28.7 in.)
Weight	: 97 kg (213.8 lb)
Warranty	: 5 years limited (1 year on "moving parts")



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