

Screen S7

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Description

The S7 is an ultra-compact full-range surround cabinet, with double 5" woofer with a high-power soft-dome tweeter, in a trapezoidal MDF cabinet. It is recommended for cinema surround applications

Placement

The S7 can be mounted with the F-bracket. The bracket enables mounting with optimized projection and dispersion under all surface angles.

The S7 can also be fitted with a simple hook, using the holes which are integrated in the mounting plate on the backside of the cabinet.

Dispersion

The "d'Appolito" configuration of the components caters for perfect "on- and off-axis response". Due to the vertical directivity, the listeners closer to the wall/speaker will be "off-axis", with natural SPL "roll-off" as a result. This provides superb surround stereo imaging, regardless of the listening positioning. (surround speakers with traditional "wide" vertical directivity provide full SPL, also to the

listeners close to the wall/speaker ("on-axis"), dramatically reducing the stereo surround experience)

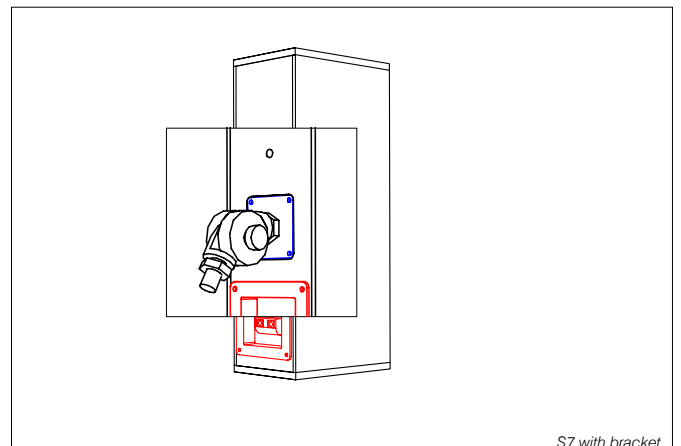
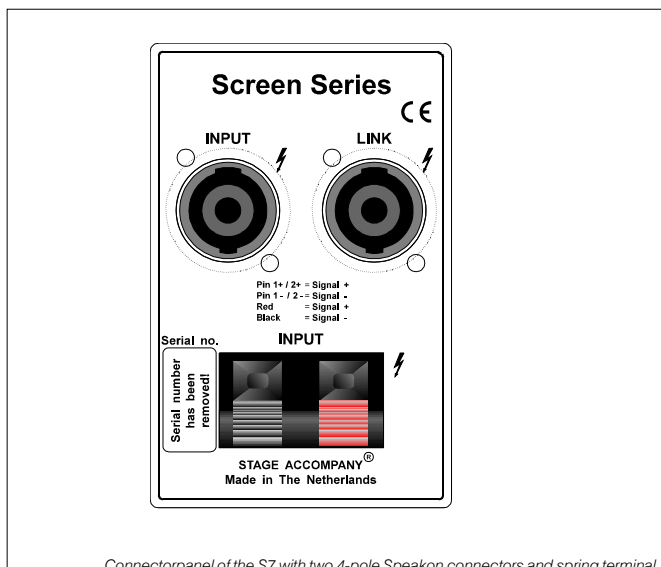
Connection

The S7 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 S7 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

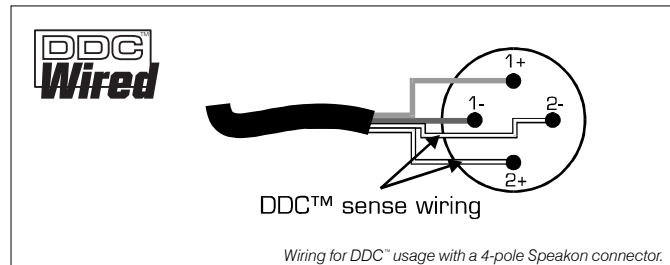
The S7 is standard finished in black Protecture™ and is also available in any possible RAL color through "Multi Color Option™".



Dynamic Damping Control

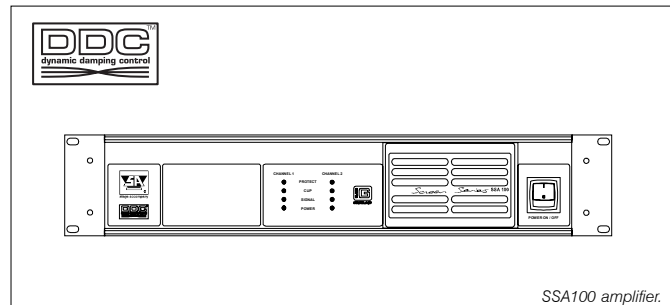
For absolute top quality sound reproduction, the S7 is completely pre-wired for Dynamic Damping Control™. The DDC™ system is based on two additional (loudspeaker) wires between speaker and the (SA) amplifier. Through these "sense" wires, the DDC™ circuitry in the amplifier compensates speaker cable and connector resistance, ensuring maximum control over the speaker cone movement.

Furthermore, with DDC™, distortion is reduced substantially.



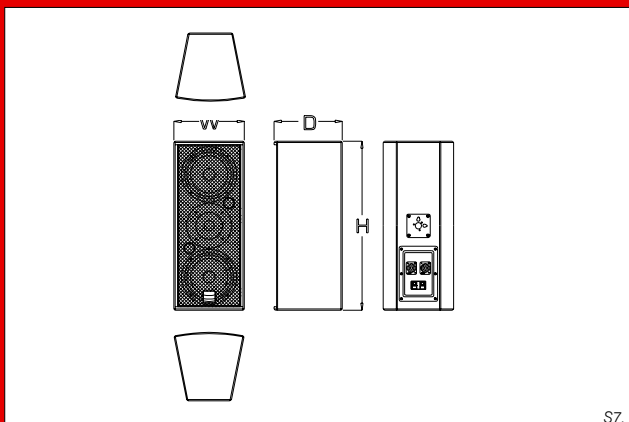
Recommendation

To use the S7 we recommend the SSA100 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 SSA100 amplifier, use 4-core speaker cable. The SSA100's Extended Function Network ("EFN™") provides dedicated filtering, power optimizing and protection for the S7 (EFN-DP).



Technical specifications

Frequency response	: 80 Hz - 20 kHz (+/- 3dB)
Drivers	: 2 x 5" LF driver, 1 x 1" ferrofluid cooled soft dome tweeter
Cross-over frequency	: 3000 Hz
Nominal impedance	: 8 Ohm
Sensitivity @ 1W/1m	: 92 dB
Max. RMS power	: 140 W
Max. Peak power	: 300 W
SPL program/peak (dB)	: 113/116
Dispersion (2 kHz H x V)	: 120° x 90°
Color	: SA Black, other colors on request
Front	: Metal grille
Connectors	: 2 x 4 pole Speakon; 1 x Input, 1 x Link, 1 x Terminal
Physical dimensions (h x w x d)	: 428 x 176 x 173 mm (16.9 x 6.9 x 6.8 in.)
Weight	: 5 kg (11 lb)
Warranty	: 5 years limited (1 year on "moving parts")



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