

Screen S10

In this documentation you will find information about:

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Description

The S10 from the Screen Series is an ultra-compact full-range surround cabinet, with a 10" woofer and 5" Ribbon Compact Driver, in a wedged MDF cabinet.

The S10 is recommended for cinema surround applications where high output, high-quality reinforcement is needed.

The 8Ω impedance makes the S10 an "amplifier economical solution" in serial/parallel connection when multiple cabinets are used.

Placement

The S10 can be mounted on wall or ceiling with the optional U-bracket. The bracket enables mounting with optimized projection and dispersion under all surface angles.

Maintenance

Maintenance on the S10, especially on the drivers and filters, is best left to official Stage Accompany service personnel. However, cleaning of the cabinet can easily be done by yourself with a damp lint-free cloth.

Connections

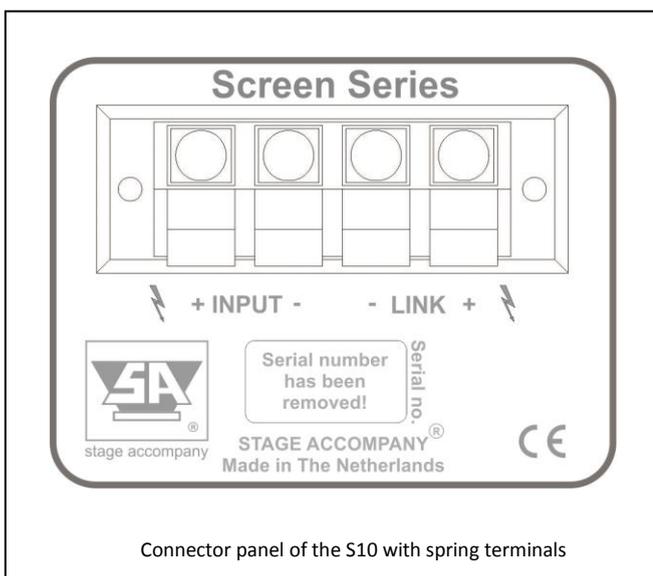
The S10 has one 4-pole spring-terminal connector (linked) for connecting separate wires.

Be aware of the right polarity (see connector panel).

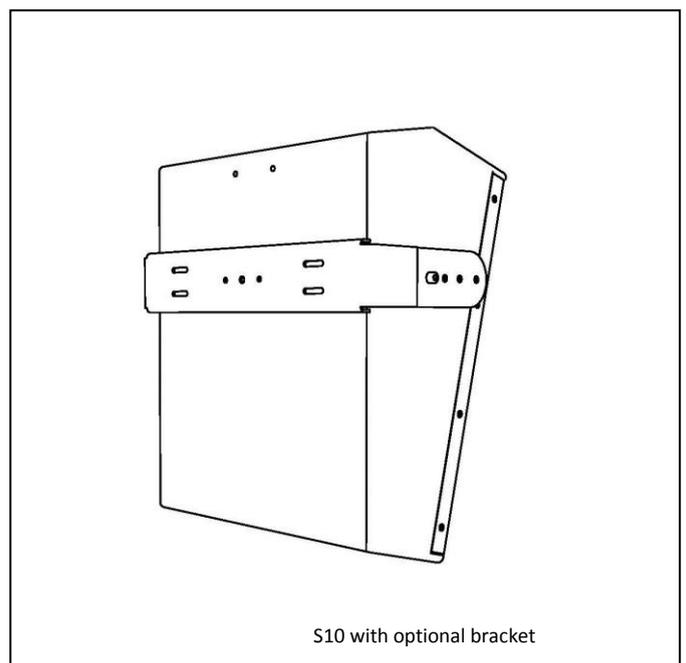
CAUTION: When linking, make sure the nominated impedance stays within amplifier specifications.

Options

The S10 is standard finished in SA Black Protecture, but is also available in any possible RAL color (Multi Color Option™).



Connector panel of the S10 with spring terminals

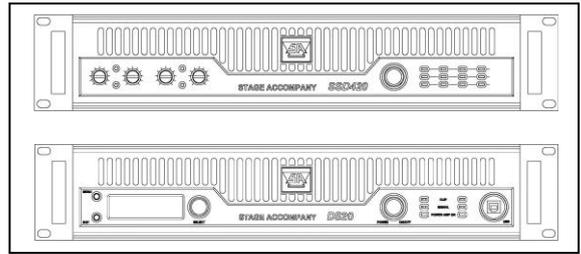


S10 with optional bracket

Recommendation

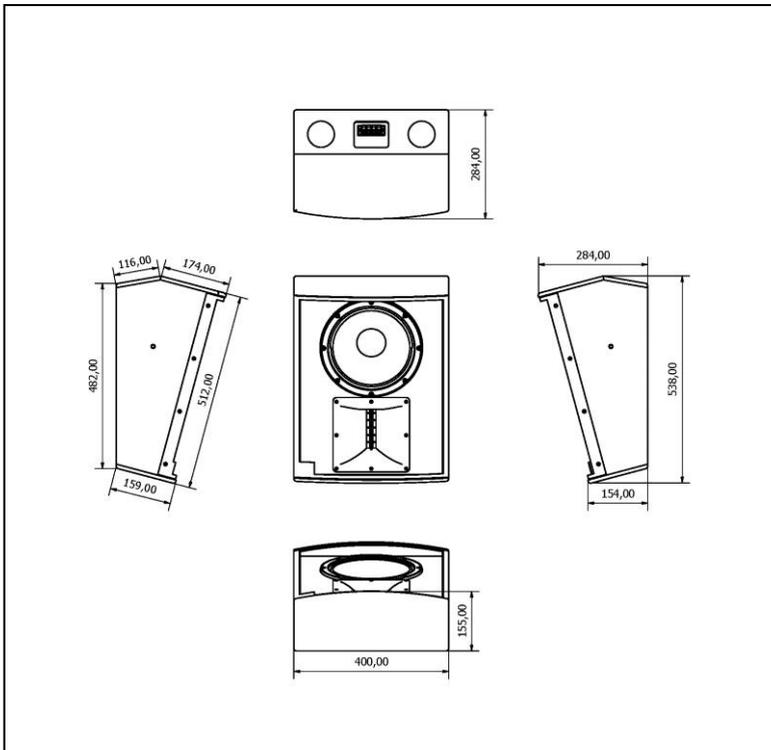
To use the S10 we recommend the SSD420 (4-channel) or DS20 (2-channel) power amplifier. The SSD420's optional Extended Function Network (EFN™) provides dedicated filtering, power optimizing and protection for the S10.

By using the DS20, dedicated DSP presets can be selected for optimum use of the S10.



Technical specifications

Frequency response	: 56Hz – 40kHz (+/- 3dB)
Transducers	: 1 x 10" LF driver 1 x 5" Ribbon Compact Driver
Cross-over frequency	: 1800Hz
Nominal impedance	: 8Ω
Sensitivity @ 1W/1m	: 96dB
Max. RMS power	: 240W
Max. Peak power	: 450W
SPL program/peak	: 119dB/122dB
Coverage angles (@ 2kHz H x V)	: 90° x 30°
Enclosure construction	: 16mm MDF, Protecture finish
Color	: SA Black, other colors on request
Front	: expanded steel
Connectors	: 1 x 4-pole spring-terminal (linked)
Physical dimensions (H x W x D)	: 538mm x 400mm x 284mm (21,2" x 15,8" x 11,2")
Weight	: 14.5kg (14.8lb)
Warranty	: 5 years limited (1 year on 'moving parts')



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