

Stage Accompany technical specifications S26

Stage Accompany
Anodeweg 4, 1627 LJ HOORN, The Netherlands
Tel: +31 (0) 229 28 29 30, Fax: + 31 (0) 229 28 29 20
Email: info@stageaccompany.com, www.stageaccompany.com

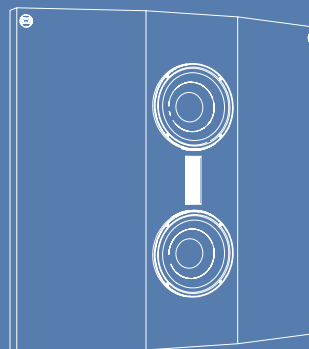


Passion for Real Sound...

Content

In this document you find information about:

- Description
- Placement
- Active/passive version
- Connection
- Options
- Mounting system
- Dynamic Damping Control™
- Recommendations
- Technical specifications



S26

Description

The S26 is a full-range cinema front system, with double SA 1203 soft-suspension 12" speakers with 4-in. voice-coils, in combination with an SA 8535 Ribbon Compact Driver, mounted in an ultra-slim sized MDF/birch cabinet. The S26 is recommended for applications where high output, high quality cinema sound reinforcement is needed.

Note: Due to the placement of the components in the cabinet, the S26 system is completely time-aligned and does not need any delay/correction.

Placement

The Super Space Saving design enables the S26 to be flown behind the screen with a minimum of space required. Mounting is done by attaching cable or chain to two shoulder eyebolts, which are located on the front of the cabinet. Placing the S26 on a platform is not possible because of the bass reflex vents, which are located on the top and bottom of the cabinet.

Active/passive version

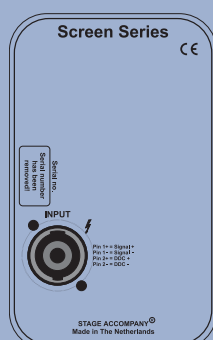
The S26 is available with active (bi-amp) or passive (single-amp) filtering. Please specify when ordering.

Connection

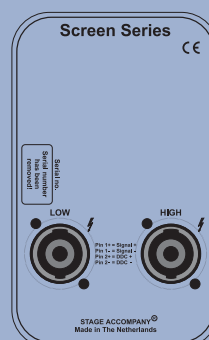
The S26 passive version uses one 4-pole Speakon connector ('input'), the active version uses two 4-pole Speakon connectors ('low', 'high'). Caution! Incorrect connection with a S26 in bi-amp version can cause damage to the loudspeaker components!

Options

The S26 is standard finished in black Protecture™ and is also available in any possible RAL color through 'Multi Color Option™'.



Connectorpanel of the S26 passive version with one 4-pole Speakon connector



Connectorpanel of the S26 active version with two 4-pole Speakon connectors

Mounting system

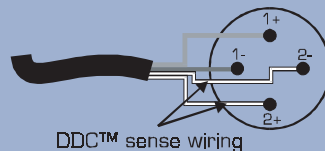
Mounting is done by attaching steel cable or chain to the two shoulder eyebolts, which are located on the front of the cabinet. The steel cables or chain can be lowered from the screen frame or ceiling. When mounting the cabinet in a very tight space, utilizing a pulley-hoist makes mounting easy. A third flying point is located on the lower back side of the cabinet, to enable tilting of the cabinet when necessary. Caution! before mounting, make sure the construction stays within working load limits! For optimum performance, it is recommended to mount the S26 as close to the screen as possible (screen distance 2.5 cm/1-in.).

Dynamic Damping Control DDC™

For absolute top quality sound reproduction, the S26 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 S26 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 S26 (EFN-DP).



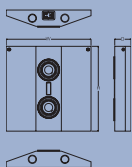
Wiring for DDC™ usage with a 4-pole Speakon connector.



SSA 200 amplifier.

Technical specifications

	Passive version	Active version
Frequency respons:	35 Hz - 30 kHz (+/- 3dB)	
Drivers:	2 x SA 1203 LF driver, 1 x SA 8535 HF driver	
Cross-over frequency:	1400 Hz	
Nominal impedance:	4 ohms	4 ohms (LF), 13 ohms (HF)
Sensitivity @ 1W/1m:	97 dB	97 dB (LF), 103 dB (HF)
Max. RMS power:	800 W	800 W (LF), 60 W (HF)
Max. Peak power:	2000 W	2000 W (LF), 1000 W (HF)
SPL program/peak (dB)	126/130 dB	126/130 dB (LF), 121/133 dB (HF)
Dispersion (2kHz H x V):	100° x 40°	
Color:	Black, other colors on request	
Connectors:	1 x 4 pole Speakon input	2 x 4 pole Speakon input; 1 x LF, 1 x HF
Physical dimensions:	1200 x 1200 x 230 (47.2 x 47.2 x 9.1 in.)	
Weight:	73,8 kg (162.7 lb)	
Warranty:	5 years limited (1 year on 'moving parts')	



S26