



Studio

SA Solutions for studio environment



stage accompany

Passion for Real Sound

Passion

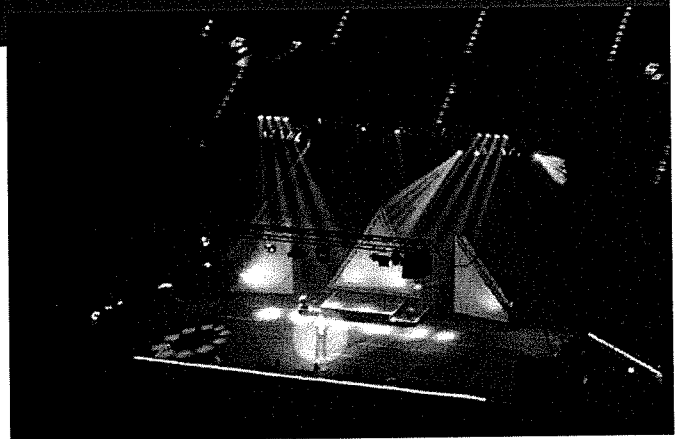
Passion for Real Sound

Stage Accompany, the Netherlands

Stage Accompany has become, since being founded in the mid seventies, an internationally acclaimed Dutch manufacturer of high quality sound equipment. At present, Stage Accompany exports to more than 30 countries world wide. The success of Stage Accompany can be attributed to the high quality performance and durability of the equipment it produces, along with the pursuit of excellence which govern the company's daily operations. It is difficult to envision a professional audio market without Stage Accompany equipment.

In addition to the clientele of which SA proudly boasts, a team of very dedicated employees can be found throughout SA's "flat" organisation. "Passion for real sound" is the motivation for the new team.

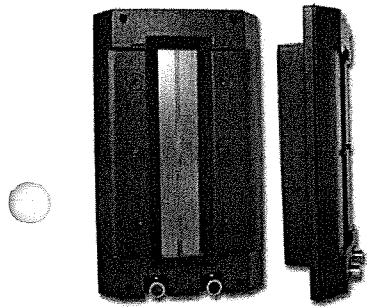
Standing at the technological forefront of the professional audio market, Stage Accompany is well recognised for its unique designs, advanced electronics, and application of the latest digital technology. The Ribbon Compact Driver, in short RDC, is one such innovation which places Stage Accompany sound in a league of its own. Experience is the best testimonial.



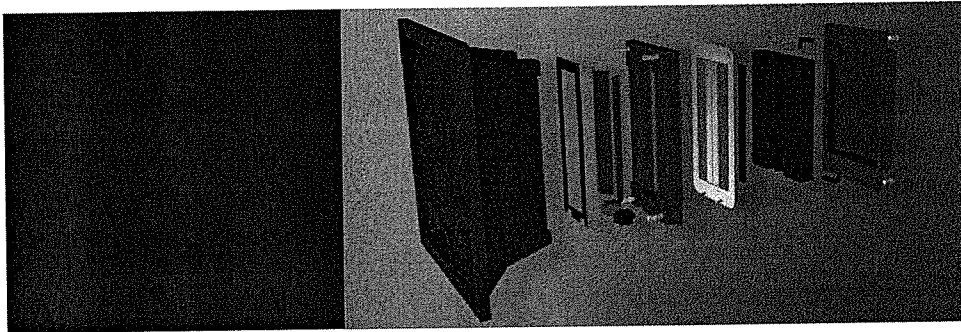


Leader in Ribbon Driver technology

Combining Passion for Real Sound with years of experience in the pro-audio industry, Stage Accompany managed to create a range of loudspeaker cabinets that meets expectation of a high demanding market. Over the years Stage Accompany has become world leader in Ribbon Driver technology. First starting with the SA 8520 Ribbon Compact Driver, it now manufactures the SA 8535 Ribbon Compact Driver (RCD), the most powerful Ribbon Driver on the market today. The SA Ribbon Compact Driver reproduces high frequencies at high SPL, without distortion. It is used in most of the loudspeaker cabinets. The 'Friends Series' is a range of compact cabinets for multiple use. In this series of compact loudspeakers Stage Accompany choose to use a high quality soft-dome tweeter, which resulted in a very compact cabinet and a stunning sound quality. The 'Entertainer series', the most compact RCD loaded cabinets, are successful in the installation market and known for its high power output. The 'Leader Series', 'Champ Series', 'Performer Series' and recently added 'Audience Series' are used for installation- and live sound purposes.



Stage Accompany is dedicated to provide tools for the high demanding pro-audio market. It has been doing so since 1977 and it will do so for many years to come.



Ribbon Compact Driver inside

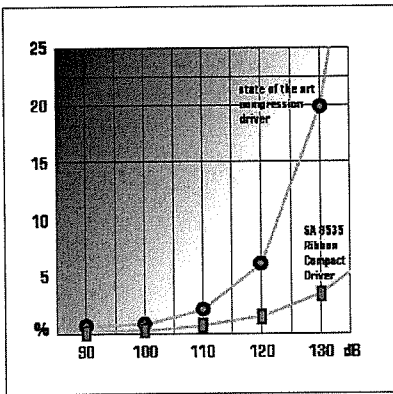
All Series presented in this brochure are SA Ribbon Compact Driver loaded. An invention of Stage Accompany that makes sure you hear sound as it was ment to be heard. Since the start of the audio industry, at the beginning of this century, it has always been searching for new methods of achieving the best possible reproduction of the audible frequency spectrum.

The Ribbon Compact Driver™ SA 8535

In 1983 Stage Accompany started an ambitious project with the aim of making a different type of loudspeaker suitable for professional applications. This was based on one fundamental consideration: 'The present amplifier output must allow the development of high-tone loudspeakers which no longer use the compression mechanism, to produce a pure sound, particularly at the customary high outputs'.

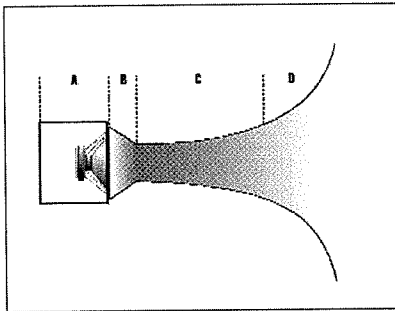
The special and simple design of the SA 8535 is probably the most important reason for the unprecedented sound quality produced by this ribbon type loudspeaker. Moreover, the development of a new magnet material and a cast-iron plastic film have contributed to the creation of the SA 8535.





Second harmonic distortion @ 2 kHz.:

Even the best compression driver distorts to an unacceptable degree (some 20%) at high sound pressures of 130 dB. The SA 8535 Ribbon Compact Driver™ sounds incredibly clear and transparent at that sound pressure. The distortion is negligible.

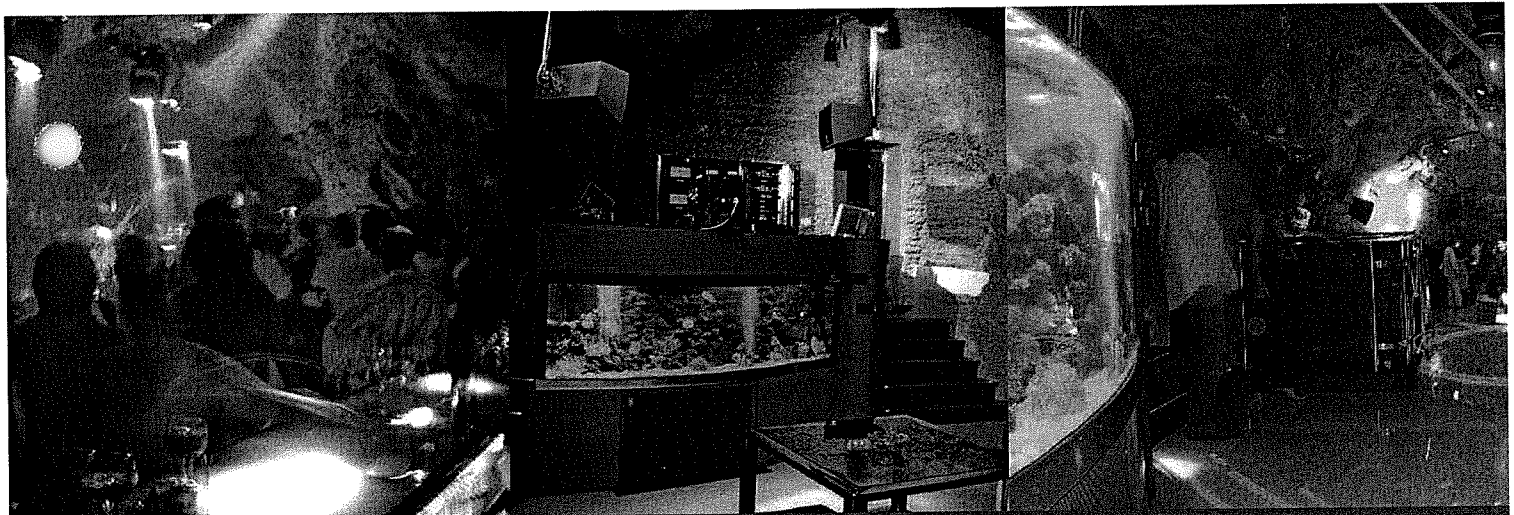


The compression-horn mechanism:

- A: Driver
- B: Compression chamber
- C: Transition
- D: Horn

No Compression Mechanism

Compression drivers are provided with the compression mechanism. The SA 8535 Ribbon Compact Driver™ operates without this compression chamber. The "diaphragm" in the Ribbon Compact Driver™ generates the sound and transfers it directly to the ambience. This results in an extremely pure, undistorted sound and much better reproduction of the highest frequencies. The phenomenon "listening fatigue" no longer occurs with Ribbon Compact Drivers™!



Ribbon Compact Driver in short:

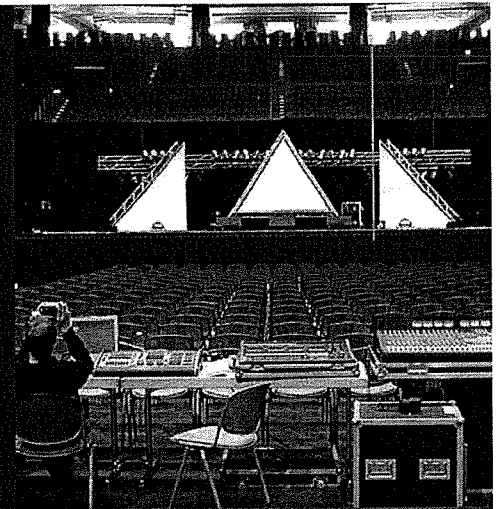
- Unsurpassed clarity and speech intelligibility;
- Little distortion;
- High power handling (1kHz - 30 kHz.);
- Unequaled transient response;
- Direct Drive Diaphragm; no cone brake-up and no compression mechanism;
- Low weight and high output through NEODYM magnet structure.

Recording Studio industry

The studio industry is a very important market for Stage Accompany. Stage Accompany is a true sound company that produces sound equipment without collaring or distortion at any SPL. The Master Series of Stage Accompany is a series of studio monitors that meets the highest expectations of studio engineers. Stage Accompany understands the importance of reliable equipment, and therefore produces components which are of the highest quality. The Stage Accompany Master Series is used for a wide variety of music genres, enabling the studio to be flexible, innovative, and more profitable. Combining high quality loudspeakers and amplifiers, Stage Accompany offers a complete sound system for the professional with 'Passion for Real Sound'

Recording studios are the basis of all recorded sound. Here the creation is being captured. The blending of all ingredients, exactly as it was intended, without losing even the smallest detail. In the recording studio, the master copy is created. Everything that happens here is crucial for the quality of the end result. After all, anything that is lost during recording cannot be brought back at a later stage. The final recording should be an exact duplicate of the original "performance".

Both the quality and the application of the equipment play a crucial role. This is especially true for the monitor system. It is the reference for the sound quality of the recording in the entire chain of reproduction. It should reproduce everything neutral, 1:1, and without unwanted additions, which can influence the final result (coloring, distortion, power compression etc.); It should do so with the same degree of accuracy at the end of the session as at the beginning! As "precision tooling" for the sound engineer, the system may not cause "listening fatigue", which is a common occurrence after long studio sessions. The current, rapid evolution in digital recording techniques, which allows for a wider range of frequency and greater dynamics, not only expands the possibilities, but also raises the demands on the quality of reproduction. In addition to meeting these greater expectations, new challenges in the recording studio (i.e. for cinema applications) require a more versatile and honest studio monitor system.



Master Series in short:

Also for studio applications SA has the answer; The Master series. When performing on stage with SA, or in cinema with SA, recording with SA is the logical choice. With three models, all handcrafted with

18mm thick birchen +18mm MDF panels ("box-in-box"), only the Master series guarantee a "non fatiguing" time-invariant 1:1 reproduction of the live-original. The Series consists of four models.

- Ribbon Compact Driver™ loaded
- Linear Respons design
- ContrADTM baffle
- High acoustic output
- Box in box' cabinet construction
- Multi Color Option™

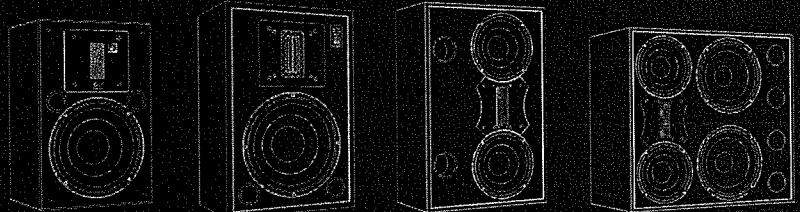
Stage Accompany Master Series

With the development of the Master series, a studio monitor system with unsurpassed clarity and pureness has been created, a system which is perfectly neutral, independent of sound pressure levels or the length of the recording session.

SA's "Linear Response Design" was applied during all stages of the development process, using only the highest quality components available, as well as more than 20 years of know-how and studio experience! Stage Accompany has a philosophy of developing only the very best, without tolerating any concessions on sound quality. For this reason, SA uses only proprietary components. All are developed and produced by Stage Accompany.

Technical specifications

Master



	PS 44	M 44	M 57	M 59
Frequency response (± 3 dB):	45 Hz - 30 kHz	45 Hz - 30 kHz	35 Hz - 20 Hz	35 Hz - 20 Hz
SPL (program/peak):	93/- dB	93/93 dB	97/102 dB	98/102 dB
Max. power (RMS/peak):	400/1000 W	400/1000 W	800/2000 W	800/2000 W
Nom. impedance (LF/MF):	8 ohms	8 ohms	16 ohms	-
Dimensions (HxWxD):	575x370x375 mm	612x406x320 mm	908x540x435 mm	908x965x569 mm
	22.6x14.6x14.8 in.	24.1x16.0x12.6 in.	35.7x21.3x17.1 in.	35.7x38.0x22.4 in.
Weight:	34/74,8 kg	43/94,6 kg	74/162,8 kg	157/345 kg

Emphasis on even the smallest detail...

- The crossover filters of the M 44 and M 57 have been designed with the shortest possible signal route, with a minimum of (top quality) components, to keep the signal path as 'clean' as possible.
- The reflex vents are rounded to reduce port noise and keep port compression to an absolute minimum.
- For connections, SA only uses Speakon connectors, to keep the cabinets also lutely 'leak free'; An often underestimated, but very important detail, considering the enormous pressure inside the cabinet.

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- Ribbon Compact DriverTM loaded
- Linear Respons design
- ContrADTM baffle
- High acoustic output
- 'Box in box' cabinet construction
- Multi Color OptionTM





Amplifiers in short:

A speaker system is as good as its weakest part; Amplifiers play a crucial role in performance, with high-speed power-output and long-term sound quality. Therefore SA developed her own amplifier range. The

ES series with High-speed/high-current Class G design for versatile power. The Series consists of three models.

- Excellent sonic performance
- Very low noise and distortion level
- "High speed, high current" Class G design
- Dynamic Damping Control™ DDC
- Extended Function Network™ EFN
- Maximum reliability

Technical specifications

Amplifiers



	ES 10	ES 20	ES 40
Frequency response (± 3 dB):	10 Hz - 20 kHz	10 Hz - 20 kHz	20 Hz - 20 kHz
SPL (program/peak):	7.6/22 dB	7.1/22 dB	6.9/22 dB
Max. power (RMS/peak):	290/580 W	500/1000 W	1010/2020 W
Nom. impedance (LF/MF):	8 ohms	8 ohms	8 ohms
Dimensions (HxWxD):	88x482x415 mm	133x482x415 mm	133x482x445 mm
	3.5x19.0x16.3 in.	5.3x19.0x16.3 in.	5.3x19.0x17.5 in.
Weight:	17,7 kg	21,4 kg	35,2 kg

Stage Accompany Amplifier Series

Understanding the relationship between loudspeakers and amplifiers SA started development of amplifiers in 1980. Since then, SA has always reached for the best possible sound reproduction and creating the highest synergy between speakers and amplifier without any weak links. The famous SA 900C Also, with the development and application of the Ribbon Compact Driver, new goals in sound quality were set, while increasing power output and maintaining reliability.

Over the years, the amps have earned themselves an outstanding quality reputation of their own; SA amps are much more than "an amp to go with SA speakers"! An increasing number of "traditional (compression driver based) system" users have discovered the sound quality as well, upgrading even their system's performance.

Dynamic Damping Control

All SA systems completely pre-wired for DDC™. When using an SA amplifier, the influence of speaker cables and connectors is completely eliminated, resulting in an impressive damping factor of 10.000 at the speaker terminals. The result is an optimised transient response, which yields a tighter and more accurate mid and bass response.





Stage Accompany worldwide studio references

Panavision studios, Hollywood, USA
Dream Factory studios, New York, USA
Plaintain records, New York, USA
University of Massachusetts, USA
Warner Bros studio facilities, Burbank, USA
The Sound Warehouse, New York, USA
Pigmans geluid, Rotterdam, the Netherlands
Excess studios, Rotterdam, the Netherlands
De Groene Weide, Terschelling, the Netherlands
Amp ship, Amsterdam, the Netherlands
Meta sound studio's, Amsterdam, the Netherlands
Cineco studio's, Amsterdam, the Netherlands
Eurosound mobile studios, Herveld, the Netherlands
Stu stu studio, Loenen, the Netherlands
Studio D., Delft, the Netherlands
Keytone studios, Amsterdam, the Netherlands
Dreamland studios, Amsterdam, the Netherlands
Studio 88, Hilversum, the Netherlands
OGM records, Venray, the Netherlands
Zen Studios - Brazil
Mosh studios, São Paulo, Brazil
CAP studio's, Italy
Studio Rübmann, Bonn, Germany
Private Life records, Grimbergen, Belgium
Ace studios, Aartselaar, Belgium
Impuls recording studios, Herentals, Belgium
Steurbaut sound recording, Gent, Belgium

and many, many more "Blue Ambassadors"