



CUTTING EDGE 3D-SOUND TECHNOLOGY



Since 1999, ASCENDO has been obsessed with accuracy offering the finest sound in loudspeakers.

Since 2015 AIA, Ascendo Immersive Audio, designs the World's Finest Cinema Systems.

ABOUT ASCENDO AND ASCENDO IMMERSIVE AUDIO

(AIA for short)

The ASCENDO/AIA Brand-name is, and always has been, synonymous with impeccable craftsmanship and 21st century technologies. Designed, developed, and manufactured in Germany, AIA cinema sound systems are the only ones on the planet that use the most advanced AVB/TSN networking technology for home theaters.

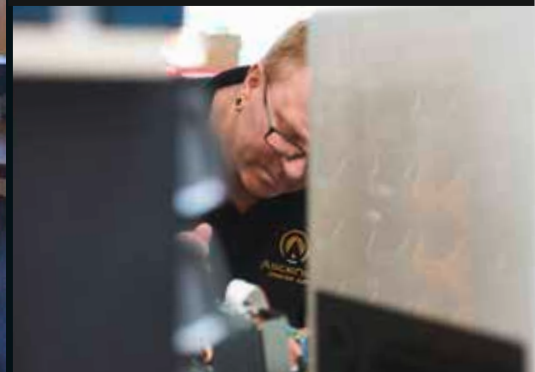
AIA offers the broadest range of the best sounding, biggest, most powerful infrasonic-woofer and subwoofer line from mind blowing 50", 32", 24" down to 10". Bass has always been the last frontier for every world class home theater. Many modern movies contain bass notes reaching down to 5Hz which remain simply hidden if other systems are installed.

AIA reveals all authentic sound fields as intended by the directors, fully immersing you with the pinnacle of audio reproduction.

Our high-end manufactory in Ansbach. Discover the secret of the masterful creation of AIA loudspeakers.

NEW

SMSG24 SMSG32



SMSG24

TECHNICAL DATA SMSG24

- Frequency Response: 10Hz – 150Hz
- Driver: Custom built 24" (62 cm) aluminum cast frame driver with 5" 13 cm Voicecoil, double oversized 12" spider and 90 mm linear excursion.
- Max SPL: 122 dB @30Hz
- Amplifier: 6000W RMS
- Depth: 50 cm, Width: 75 cm, High: 110 cm

TECHNICAL DATA SMSG32

- Frequency Response: 7Hz – 130Hz
- Driver: Custom built 32" (82 cm) aluminum cast frame driver with 6" 16 cm Voicecoil, double oversized 13" spider and 90 mm linear excursion.
- Max SPL: 122 dB @25Hz
- Amplifier: 6000W RMS
- Depth: 55 cm, Width: 95 cm, High: 120 cm

NEW

CCM5-P



COAX-SPEAKER



Concentric speaker driver designs offer the advantages of a single point source for a consistent acoustic centre and a symmetrical dispersion pattern over a wider frequency range resulting in homogenous reproduction with perfect transient response.

Traditional multi-way, non-concentric speaker designs have long been the way to go. These designs suffer from the changing distances between the listener and the speaker elements: When you move around in the coverage area, the sound is inconsistent.

AIA Concentric speakers solve this, by having the drivers for all frequencies on the same axis, thus providing a single point source for a consistent acoustic centre.

ACTIVE

- Black Swan
- CCRM12
- CCRM6

PASSIV

- CCRM12-P
- CCRM10-P
- CCRM6-P
- CCM5-P



SUBWOOFER



ACTIVE

All active AIA SMS subwoofers contain the same DNA with powerful triple DSP's that allow ultra-precise control of your acoustical environment. The real time audio streaming, command and monitoring function over ethernet give endless options to the integrator and customer not found in any other product.

- SMSG10
- SMSG12
- SMS15
- SMSG15
- SMSG15 WL
- SMSG15 CH
- SMSG24
- SMSG32
- SMSG50

PASSIV

The growing line of Passive Subwoofers is designed for utmost performance and integrate ability where active solutions are too big, like on Boats.

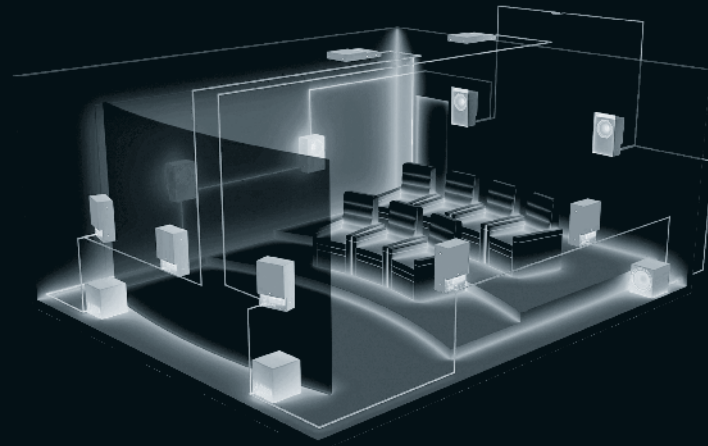
- SMSG10-P
- SMS12-P

TECHNICAL DATA

- Passive 75 mm shallow speaker
- Frequency response 90 Hz-20 kHz-3 dB
- 5 1/4" point-source coaxial driver
- Surround/DOLBY ATMOS/Auro 3D/DTS:X
- Ceiling
- Efficiency of 88 dB/1W
- Controlled directivity 80 deg. horizontal, 80 deg. vertical
- Depth: 7,5cm, Width: 24cm, High: 36cm
- Matte black, matte white, gloss black or gloss white with magnetic grill
- Speaker binding posts

NEXT GENERATION 3D CINEMA

AIA is the first company in consumer electronics worldwide transmitting audio data to any number of AIA powered speakers via AVB network fully synchronized and lossless.



AIA SPEAKER SYSTEMS – The absolute soundreference, outstanding at Music and Kinoton playback

Read what the experts have to say:

LP / Holger Barske

Fully network configurable systems with superior acoustic performance. Until now, I was once visiting the factory demo cinema (it was for sure not my last time) and I can claim without exaggeration: I have never ever experienced in other home theaters or even real cinemas anything remotely comparable - „heard“ describes in this context the emotion only incomplete.

HEIMKINO

“What we heard here is so unique, it’s hard to capture in words. The system plays extremely direct, with a mad jaw dropping precision and timing. Little by little the listener becomes aware which qualities this cinema unites. Conclusion – This is definitely the reference for immersive theater systems.”

FIDELITY

“Best Sound Of Show”
LowBeats
“...Well they sounded so terrifyingly realistic. Dry as a bone, and bone shattering. I never imagined this quality of reproduction possible. The firework display that AIA set off here is really terrific! Conclusion – The AIA is very close to perfection.”

HiFi ViSION

“...but used correctly it is the ultimate active subwoofer, and will make the dreams of any home theater enthusiast come true.”

AVSForum

“I jotted down the words “reference quality.”

LowBeats

“I know of no comparable system to date.”

HIFI-STARS

“The boys kept wondering again and again „Are you dumb now, buddy...?!“ (in German/Bavarian „Bist Du deppert...?!“

audiovision

“In one point, everyone agrees: the performance is unique, whether it’s „Fireworks“, action film, romance or live concert.”

FIDELITY

“Bockfaktor 100 (Pure Fun Factor 100)”

FIDELITY

Ascendo presented a multi-channel system, clearly showing the boundaries of two-channel stereo. It opened up a completely new complex sound universe. The incomprehensible directness with which you are transported immediately into an acoustic scenario is almost frightening.

0 dB

“PERFECT ILLUSION
The realism of an AIA System become most obvious with closed eyes. Only when you ignore the distractions of the images on the screen and concentrate on listening alone, you’ll be able to fully appreciate the richness and the level of detail in the sound-scape. Quite frankly, who needs 3D images when you can have 3D sound like this? When the lights come back on, heart and soul are aching for more while the mind is trying to process the recent experience. Stefan Köpf, one of the creators of AIA, sits off to side, smiling knowingly as if to say, See, that’s how it’s done!” And he is right: This is multi-channel sound as was always meant to be. Can we have some more now, please?”

DNA 1000.2

The most-advanced High End Amplifier



NO LIMITS

The AIA DNA 1000.2 is worldwide one of the first AVB/TSN enabled digital networked, DSP controlled two channel amplifiers. It delivers 500W per channel or 1000W mono bridged. The amplifier features a passive cooling fanless design for noise free fixed installations. The half rack 19" size allows two amplifier modules to be installed in a single 19" Faceplate with only 3u rack space. The DNA1000.2 functions as an integrated part of a AIA audio system that is configured through the proprietary AIA setup wizard software.

The DNA1000.2 serves as a dedicated AVB/TSN endpoint making installations easier to design, support and maintain.

The DNA1000.2 features triple AVB connections with a built in switch for daisy chaining and network redundancy as well as two balanced XLR analog audio inputs as failover or legacy analog input.

The DNA1000.2 is best suited for AIA audio systems, for high performance home theatres, fixed installs like training rooms, lecture halls, performing arts, house of worship or other applications, where sound distribution or reinforcement is needed and noise free installation is a must. The amplifier can drive any passive or active two way speakers or Subwoofer. Control and command can be achieved even with a regular non-AVB/TSN network.



EXTREME HIGH-END
MEETS HIGH-PERFORMANCE
PROFESSIONAL SPEAKERS

ASCENDO LIVE 15

THE LIVE 15 IS A TRUE POWERPACK.

3,300 watts of system power, while the 15" (40 cm) custom-made high-performance bass driver and the 12" (30 cm) professional coax driver are unique in the high-end segment.

The Live 15's exceptionally high amplifier power paired with the enormous surface size of the drivers allows for an extremely powerful, superior and limitless sound while retaining all the advantages of a single point source. The direct connection between amplifier and drivers and the extremely fast responsiveness of the professional driver units leads to the astonishing acceleration rate and dynamic impulse behaviour of this sealed 3-way speaker system. The Live 15 is almost down to the sound.

Their sophisticated Multi-DSP-Controlling-System makes problems with room acoustics a thing of the past.

LIVE 15 – THE BEST OF BOTH WORLDS.



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