



AUDIUM

Ideen die man hört



Models
from left
to right:

Center
Sub 12
Comp 3
Comp 5 & 7
Comp 8 and 9



Händlerstempel

AUDIUM

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Our Approach

To accept the challenge and get past the limits of the seemingly known is our driving force.

This spirit is embodied by AUDIUM.

Our investments into research and development and particularly our people with their desire to constantly question the status quo, have enabled us to find new answers for the production of loudspeakers.

This has led to the construction of loudspeakers which are distinct from others. Determined in their approach, well thought-out and scrupulous in their realisation and design.

And perfectly handcrafted.

The design we created is expression and reflection of this innovative technology.

Discover AUDIUM.



The 4" fullrange driver with whistler cone and active phaseplug implements the point source in our Comp 8 and Comp 9.



The small AUDIUM Comp Series
The picture shows Comp 5 - 3 - 7 - 5.
Left you see the 3" fullrange rused there.

The core of our approach: every sound should remain as it is.

Continuous and not divided - radiated from one single source per loudspeaker.

Different approaches were analysed - and a fundamentally newly developed Broadband concept enables the best implementation!

A single broadband speaker emits the entire frequency spectrum.

No sound is torn apart and distributed across various driver systems.

Nothing needs to be disassembled and reassembled.

Everything radiates from one point: homogeneous, natural and accurate in time.

Supported by an integrated downfired subwoofer for the lowest frequencies.

The speaker used for this is also different, namely oval.

New ideas break with the old-fashioned.

Packed in a design and a quality that seduces.

After all, good things can also be beautiful.

AUDIUM - Ideen die man hört.



AUDIUM Comp

Innovative, flexible and with highest fidelity - this AUDIUM models get the best out of your amplifier! It's made possible through a completely new approach - sound shall remain in its original form: Contiguous, and not distributed to different speaker-drivers!

New ideas and exhaustless motivation during their development helped us realising a unique, novel concept.

Our loudspeakers are equipped with an innovative fullrange system, capable of reproducing the complete audible frequency range. With this single sonic source per loudspeaker we reach the theoretical ideal: a point source.

No sound is segregated - everything remains untouched.

Supported by an integrated subwoofer for the deepest frequencies.

New ideas replace old-fashioned ones and open doors to a new dimension of natural music perception.

A bit more technical details ? Here we go:

The Fullrange Driver

The heart of each AUDIUM loudspeaker.

One driver being capable of reproducing frequencies from 150 Hz up to the highest audible sounds - no simple task! But realised with the motivation of our engineers, built with innovative, new materials and manufacturing techniques.

In the Comp 7, 5 and 3 we use a small but powerful 3" fullrange system. Special materials like a Celluloid membrane and Neodym magnets, combined in new geometric approaches allow reproduction of an unreached wide spectrum.

This system is capable of generating even the highest frequencies!

At the bigger models we even go a step forward. The used system with a 4" double-cone allows even more dynamics. For its production two membranes built of different materials are assembled in a sophisticated process.

The Integrated Subwoofer

The bass-support for our fullrange driver.

Even though we think our custom designed oval woofer is too beautiful to be hidden, we go with acoustics! Because of the downfired construction the woofer always "feels" the same radiative resistance.

The result: The loudspeaker is insensitive in regards of the placement within the listening room.

But we even go farther: To increase the effectiveness of this construction we developed our own woofer systems. High efficiency makes high freedom. No matter whether a Triode-, a small Transistor- or strong Class-A amplifier. Every Amp can deploy its full potential with an AUDIUM speaker.



AUDIUM Variants



AUDIUM *Passive*

AUDIUM *Drive*



AUDIUM *Active*

AUDIUM *Air*

Passive - Drive - Active - Air

AUDIUM Model variants

Different music lovers, different requirements!

Each is individual in the design of his hi-fi-electronics, according to his personal requirements.

We were able to filter out 4 groups - and according to those we designed our 4 loudspeaker variants:

Passive, semi active **Drive**, fully active **Active**, wireless **Air**

Passive variant - Passive for the classical music listener.

Whether you want to polish up your day-to-day system or if you are a newcomer to the hi-fi world:

Simply connect the AUDIUMs to your integrated amplifier or receiver and off you go!

With the Bi-Wiring Terminal you can also take further steps here: Bi-Wiring, or Bi-Amping allows you to take further steps to the perfect sound without having to make major changes.

Fully active variant - Active For the modern music listener.

All you need is an audio source with adjustable volume: preamplifier, streamer with integrated preamp, laptop or computer with high quality sound card.

No power amplifiers are needed anymore - these are already inside the loudspeakers. This ensures the perfect coupling of amplifiers and fullrange/woofer. No passive crossover is required and the setting possibilities of the DSP and the efficiency of the fully digital Class-D leave no wish!

Semi active variant - Drive For the tube fan!

Vacuum tubes - without doubt they are the best sounding amplifier elements, but also have disadvantages: low power, and less control in the bass.

Exactly these two most important points can be eliminated with the AUDIUM Drive Speakers. Semi-active means: the woofer is operated by the integrated amplifier module. Only the fullrange driver must be operated by your tube amplifier. And 10 watts is enough!

Wireless variant - AUDIUM Air for the Minimalist!

You want to concentrate fully on the loudspeakers?

No more audio components, no cables?

Then the AUDIUM Air are the right thing.

Simply connect to your home Wi-Fi and play music via AirPlay, UPnP/DLNA, QOBUZ, DEEZER, Spotify, Bluetooth and the two digital inputs. The control is conveniently done via the AUDIUMv2 app and the DLNA app of your choice!



Passive

Drive

Active

Air



AUDIUM Comp *Drive*
Perfect synergy with tube amps.

AUDIUM Comp *Drive*

Another innovation are the AUDIUM Comp *Drive* models. The internal amplifier only drives the bass of the AUDIUM, and your existing amplifier drives the fullrange driver. Ideal for relieving low-performance amplifiers such as tubes or small Class-A amplifiers. These can then play out your qualities to the fullrange driver.

In addition to this, there is another large field of application for the *Drive*. Often it is not possible to set up the loudspeakers ideally. One is in a corner, one close to the wall or relatively free in the room. This can be easily corrected via the adjustment options on the active module.

Optionally also available the configuration / measurement via Bluetooth receiver and app (from 2020)!

Experience new possibilities!



Even the most beautiful apartment floor plan often does not allow an ideal installation of your loudspeakers. No problem for the AUDIUM *Drive*!



AUDIUM
Made in Germany

Comp 8.2
Active

AUDIUM Comp 8 Active
Back side with amplifier module

AUDIUM Comp *Active*

People are as different as the fitting requirements. So we built a loudspeaker series with integrated amplifier which allows us to satisfy novel application requirements.

Our AUDIUM Comp *Active* Models have an amplifier built inside making a separate power amplifier obsolete. The power amp is moved into the loudspeaker itself. Fed with the audio signal of a preamplifier or directly connected to an audio source like a Streamer or CD-Player, this minimal configuration makes up a complete audio system.

And it also supplies a bunch of exciting solutions !

Equipped with a digital sound processor, the so called DSP, completely new possibilities become available. This system supplies different sound-profiles and thus allows a decent adaptation of the loudspeaker to the personal demands of the user or to the requirements of the room-acoustics. Placement of the speaker close to a wall, in a rooms corner or an e.g. strongly dampened room - our loudspeakers allow a fairly simple adaptation to this constraints.

But all those technologies shall not be implemented to end in themselves. For the configuration, a completely unique handling concept has been developed and applied for a patent: the AiM
No need for computers to configure your speakers, even though you can use one if you prefer. To leave listening to music in the focus and not the pitfalls caused by complex usability of your audio system.

Experience new possibilities !



Available as Option:
Bluetooth receiver for
speaker configuration and
measurement setup.



Our new operating concept with a rotary encoder and a graphic display allows an intuitive adjustment of all Loudspeaker paramters.





AUDIUM *Air*
Minimum Effort
Maximum Effect

AUDIUM *Air* - the wireless speaker for digital players.

With this product, AUDIUM is entering a new world of applications for high-end users. Connect any wireless music device to the AUDIUM *Air* in the best quality. Of course, you can also connect digital sources directly. Without additional amplifiers or other auxiliary devices.

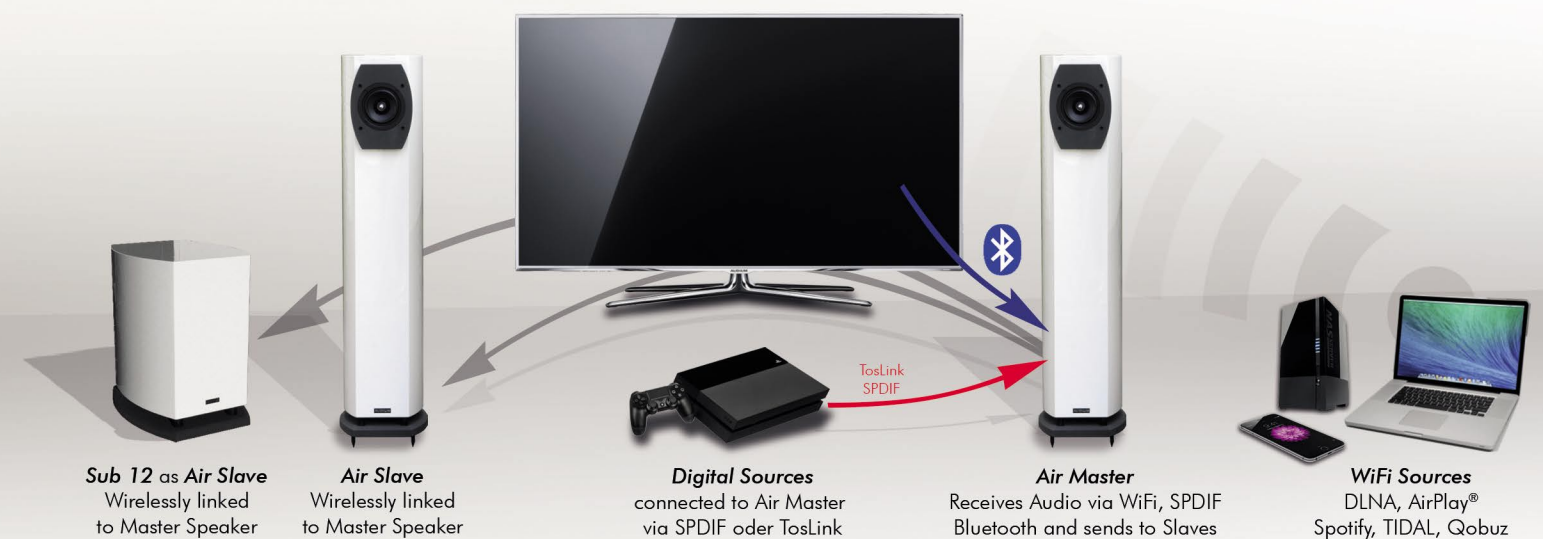
AirPlay® or a home network available ? Then it's time to start. The music from your smartphone directly on your AUDIUM speaker - no problem. Of course, you can also mount your NAS disk or connect it from your Mac or PC transfer the music directly and wirelessly to your AUDIUMs ! This opens up a new world – using streaming services such as TIDAL® or Spotify®, Internet Radio or whatever directly from the wireless connected device. And without additional services or apps.

Or do you want a TV, CD player, computer or your Playstation® connect to the AUDIUM *Air* System ? Of course, this also goes beyond the digital interfaces on the loudspeakers.

It can't be easier. Probably the most minimalistic sound concept with high-end demands. Wireless and yet suitable for the demanding listener - AUDIUM.



The terminal of the Air Master: Display and the rotary knob, Antenna as well as Coax and Mini-TosLink inputs and the SPDIF Coax output (for Cable Link)





The Sub 12 is available in high gloss black and white.

AUDIUM Sub 12 *Active* / *Air*

Deepest, blackest bass from the lowest octaves.
So that the organ of Notre Dame is in your living room!
Earthquake at the home cinema screening?
Then you have an AUDIUM Sub 12 at home!

We have combined our experience in bass reproduction from the Comp series and the know-how from the DSP and power stage development of Active / Air Electronics and created the Sub12. Here, too, technical highlights were not spared: 30cm bass chassis with aluminium membrane, high efficiency Class-D power amplifier and DSP for all adjustment options - this is the Active variant of the sub.

Digital inputs and outputs, WiFi and LAN interface for integration in our air systems and USB control port make the Sub12 Air an all-round genius! The configuration of the Air variant can also be done easily and conveniently via the AUDIUM app.

The initial installation is very simple: select one of the predefined profiles for your existing Comp speakers and then adjust the parameters to your listening properties. The room correction also allows a prevention of threading inclination by standing waves in your listening room (from 2020).

That's AUDIUM



The Sub 12 *Air* can be easily configured with the AUDIUM App.



The user interface with rotary encoder and graphics display allows an intuitive setting of all Subwoofer parameters.



The AUDIUM Product Palette

From compact bookshelf speakers up to full-grown floor speakers for highest demands, as well as surround loudspeakers - we satisfy all needs.



Center / Slim

With our 7.5cm fullrange driver and oval woofer it is intended as center speaker or as a flat front loudspeaker.



Subwoofer

Our active AUDIUM Sub. 30cm woofer with integrated 300W digital amplifier with DSP and room adaption build the bass-basement.



Comp 3

Compact listening on highest level. The compact size and the sealed cabinet allows a simple placement.



Comp 5

The entry in big sound. It carries all AUDIUM ideas: oval woofer and fullrange. Everything included that makes up an AUDIUM loudspeaker.



Comp 7

Even more audible details because of finest components in the crossover, ultralight aluminium voicecoils in the woofer and built-in resonator.



Comp 8

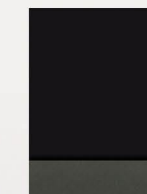
Sovereign over all and rich in details thanks to our double-cone fullrange driver and the 22cm low-mass woofer with fibre reinforced membrane.



Comp 9

Our statement leaving no wishes unsatisfied. Fairly more complex circuits and the 27cm low-mass woofer make it even more outstanding.

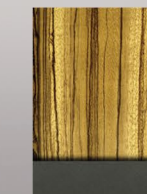
Surfaces and Wood Veneers



Black High Gloss



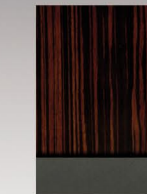
White High Gloss



Zebrano



Wild Cherry



Mocca



AUDIUM Upgrades

Our speakers grow with your needs. Pimp up your HiFi system from your young age with new passive AUDIUMs. Then the step to Active, and then the step to Air. Everything can be done easily with AUDIUM Loudspeakers!



AUDIUM Sustainability

AUDIUM pays attention to sustainable products right from the start. It starts with the speaker design, the production, the packaging and transportation. And ends with the recycling and disposal. We also offer the option of upgrading our products (see left). So they can grow together with your needs.



AUDIUM Warranty Extension

In addition to the standard warranty of 2 years, we offer you 3 years on electronics and 5 years on loudspeakers when you register your AUDIUM product!

Varianten	Comp 3.2	Comp 5.2	Comp 7.2	Comp 8.2	Comp 9.2	Sub 12	Center/Slim
Passive Variant	•	•	•	•	•		•
Semi active Drive	•	•	•	•	•		•
Fully active Active	•	•	•	•	•	•	•
Wireless Air	•	•	•	•	•	•	•
Point Source	•	•	•	•	•		•
Integrated Subwoofer	•	•	•	•	•		•
Downfired Woofer	•	•	•	•	•	•	
Bi-Wiring Terminal	•	•	•	•	•	•	•
Wood Veneer	•	•	•	•	•		•
Bassreflex		•	•	•	•	•	
Internal Resonator			•		•	•	
Fullrange Ø / cm	7.5	7.5	7.5	10 (Dual)	10 (Dual)		7.5
Woofer Ø / cm	13x22	13x22	13x22	22	27	30	13x22
Sensitivity / dB	89	90	90	93	93	Aktiv	90
Impedance / Ohm	4	4	4	4	4		4
Max. Power / W	200	200	250	250	300		200
Weight / kg	10	18	20	30	35	35	10
Dimensions / cm	21.5x35x29	21.5x92x29	21.5x92x29	25x102x34	27x106x36	36x45x52	32x20x29

Options:

App Control	• / •	• / •	• / •	• / •	• / •		• / •
IR-Receiver for Air	•	•	•	•	•		•