AUDIUM

Range of Products

AUDIUM Our Approach

Our Product
What's the result of rethinking classical approaches of HiFi-Loudspeaker design from scratch?

Surprise yourself and discover solutions which will guide you into a world of natural sound!

The essence of our approach:
Every sound shall remain in its original shape.
Contigous, and not fragmented.

A completely new developed fullrange concept is the heart of the new AUDIUM loudspeakers.
One single fullrange driver reproduces the complete audible range.

The sound is not broken up and distributed to several different drivers.

Everything is radiated from a single source.
Homogenous and coherent. Supported by an integrated down-firing woofer for the lowest frequencies.
This woofer is also different! It has an oval shape.
New ideas replace old-fashioned ones.

But existing technology could not fullfill our requirements.
Research, testing and developing - with the ambition of real audio enthusiasts - finally lead us to the goal:

The AUDIUM fullrange concept was implemented.

But our motivation led us to even more.
The only way to realise new idears like the integrated downfired subwoofer with it's extraordinary technology.

The results approved our efforts. It is a loudspeaker whos sound is worth all invested time and energy.
This was also noticed by the HiFi-press, praising us as newcomers overwhelmingly.

AUDIUM technology,
packed in a tempting design and quality.
Why shouldn't be good things also beautiful?

AUDIUM - Ideen die man hört.

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 perfect handcrafted.

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

Discover AUDIUM

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The AUDIUM Comp Series
The image shows the Comp 5 - 3 - 7 - 5
In genuine Mocca veneer and High Gloss White

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: Contigous, 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" full-range 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 double-cone allows even more dynamics.
For its production two membranes built of different materials

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 unsensitive 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 *Active* / *Drive* Fully- and Semiactive Speakers

AUDIUM Comp 5 *Active*
Rear view with amplifier module

AUDIUM Comp ***Active*** / ***Drive***

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-accoustics.
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.

Another novelty are the AUDIUM Comp ***Drive*** Models.
The integrated amplifier just drives the woofer of the AUDIUM and your
existing amplifier supplies the fullrange-driver with energy.
Designed intentionally for amplifiers with low power like
Tube-amplifiers or for the elimination of problems of
the given room-accoustics.

Experience new possibilities !

AUDIUM *Air* Wireless Loudspeakers

AUDIUM *Air*

Maximum flexibility in placement of your speakers is required ? Then here you are right !
Wireless, with convincing sound quality and full of possibilities.

Various new applications become now possible. Whether direct audio streaming from the computer to your speakers with the USB Stick, or through connecting your components to the AUDIUM TX Box - hardly any demands will remain unsatisfied.

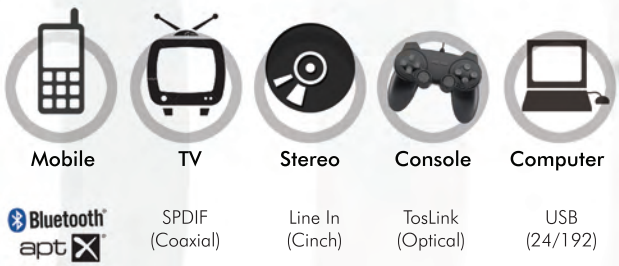
Your mobile device like your Laptop is the heart of your system?
Then the AUDIUM TX Stick is your first choice. Simply plug it into a free USB port and the audio-data will be transported wirelessly to your loudspeakers in a quality much higher as known from other wireless systems.

Or you want to connect a TV, CD Player, Computer or your PlayStation® with your wireless audio system? Then the AUDIUM TX Box is the solution for you.
It will be the base station and central switching hub for your wireless system.

No matter whether digital sources with Toslink, Coax, Bluetooth® or analogue sources via Cinch. Everything can be connected. Amplifiers will become completely obsolete.
No more simplification is possible.

The exceptional technology of AUDIUM ***Air*** Products make known issues like data compression, reduced bandwidth, or time delays caused by latency times stories from the past.

Wireless but suitable for the demanding music lover - simply AUDIUM.



AUDIUM Product Range

The AUDIUM Product Range

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

Center / Effect

Surround speaker for highest demands. With it's 7.5cm fullrange driver it is intended as center speaker and for the effect channels

Subwoofer

Our active AUDIUM Sub. Two oval woofers 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 results in simple placement.

Comp 5

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

Product Range of AUDIUM

Comp 7

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

Finishes

Manufacturing on highest niveau in high-gloss white, black or with genuine wood-veneer in bright zebrano, wild cherry or dark mocca

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

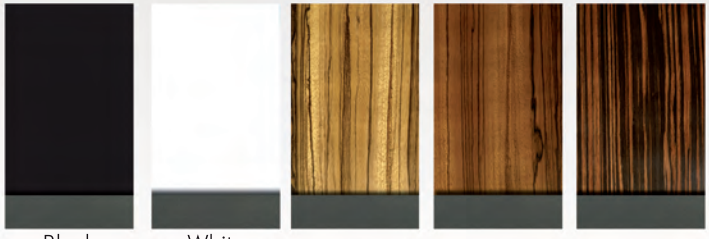
Comp 9

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

Technical Data, Finishes and Veneers

Variants	Comp 3	Comp 5	Comp 7	Comp 8	Comp 9	Sub	Center
Passive Variant	•	•	•	•	•		•
Semi-Active ***Drive***			•	•	•		
Fully-Active ***Active***	•	•		•	•	•	•
Wireless ***Air***	•	•		•	•	•	•
Fullrange Driver	•	•	•	•	•		•
Integrated Subwoofer	•	•	•	•	•	•	•
Downfired Woofer	•	•	•	•	•	•	
Bi-Wiring Terminal	•	•	•	•	•		•
Genuine 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	2x 13x22	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	30	15
Dimensions /cm	21.5x35x29	21.5x92x29cm	21.5x92x29cm	25x102x34	27x106x36cm	31x40x45	39x21.5x29

Finishes and Veneers



Black High Gloss | White High Gloss | Zebrano | Wild Cherry | Mocca

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