



R9VOLUTION

quadral 
AURUM

AURUM 9

quadral 
AURUM



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„THE **BEST** WE HAVE
EVER BUILT“

Sascha Reckert, CTO quadral

From 1981 through today, quadral AURUM loudspeakers have been setting standards. Every generation combines consistency and innovation in a unique way. AURUM is no mainstream product. This high-end series from Hanover, Germany is for a person who loves the unrivalled; for a person who doesn't hesitate in taking the higher road.

Therefore, developing a new AURUM generation is an undertaking and commitment like no other, presenting huge opportunity and also challenges. At the beginning technical aspects are paramount. Physical limitations have to be considered; then there is development, measuring, rejecting and starting anew. This is how years invested in innovating go by, but at the end, the result is a loudspeaker that only needs to know one thing: how to inspire!

Technical finesse, metrics, the used material... everything falls into the background and gives space to the emotional power of music. We want to listen to the delicateness of how instruments harmonize; we want to feel that sense of rhythm through the finger-tips of the drummer. We want to get carried away by thrilling soundscapes. If we succeed, we have perfect loudspeakers in a new AURUM generation.

"AURUM 9 is the best we have ever built", says Sascha Reckert, lead developer at quadral, "because we resolutely started at zero and put every action to the test. We have developed a tweeter technology like no-one else worldwide. The chassis was designed new, from scratch, allowing us to create a beautifully balanced outcome. As it is shown from metrics and especially our test listeners, who smile brightly from the first to the last note, we have done things right".

It is the love for detail, the meticulousness that is put into the development and manufacturing of AURUM products, which makes these loudspeakers so unrivalled. Nothing is left to chance; everything is merged to a harmonic unity.

AURUM 9 was not only made for music lovers. Especially in the home cinema segment these loudspeakers are able to shine with extraordinary dynamics and perfect speech quality. AURUM 9 inspires – the eye follows the straight lines, gets lost in the polished surface, our ears pricked forward, the sound spectrum delivered directly to the emotional center of the brain whilst our belly rounds soaks-up the comfortable feeling of well-being.

Do not only listen, but experience AURUM 9 – the power, the dynamics, the sublime spirit.



AURUM | INSIDE

Form follows function, follows form, follows function...

The AURUM 9 loudspeaker cabinet design has never been this elaborate. Inside are massive braces and insulated walls. Wedge-shaped midrange chambers also provide a clear reduction of unwanted standing waves in this big floor-stander. Even the bevelled housing edges improve the omni directional sound characteristics.

Besides the tonal aspects, this latest design plays a distinctive role in our future development. Loudspeakers are furniture that have to fit harmoniously into their environment. AURUM 9 clearly demonstrates a language of reducing form. Exquisite high gloss lacquer finishes – in custom colors and oiled real wood are available. Polished chrome helps further accentuate a specific level of luxury. Slenderness and subtlety is achieved by tapered lines and carefully considered contouring. Both TITAN and VULKAN also deploy specially developed 'sandwich' type feet which perfectly isolate them from the ground.

Optionally, the fronts can be covered with neutral fabric covers which are meticulously framed and supported thanks to the metal frame.



quadral quSENSE

THE HEART OF AURUM 9

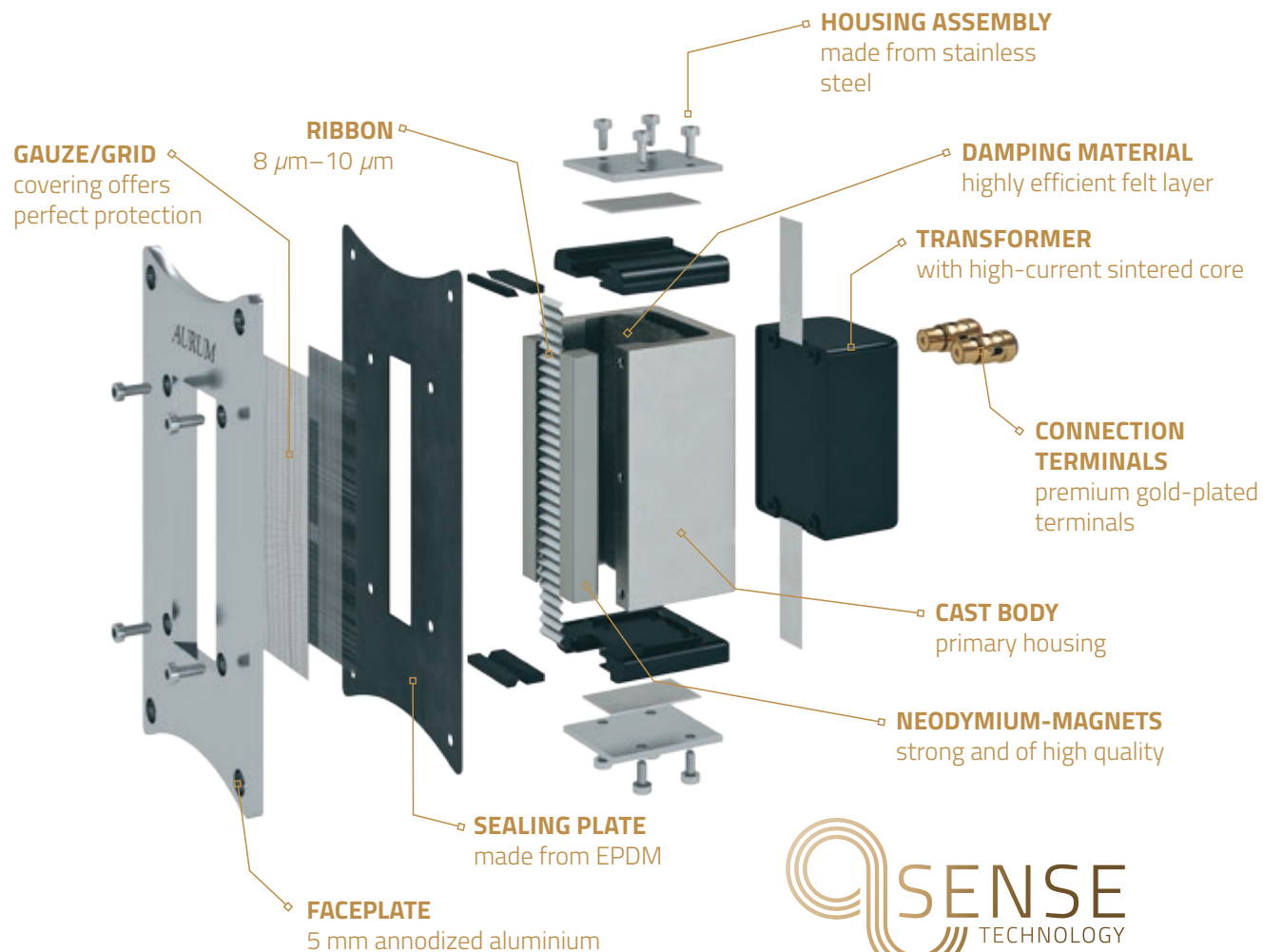
From the tiny shelf speaker to the strong TITAN, AURUM 9 loudspeakers utilize the new quadral quSENSE tweeter technology – developed and manufactured by quadral in Hanover.

In comparison to conventional ribbon tweeters, quadral quSENSE is the product of a short and wide ribbon. Therefore the membrane surface is highly resilient. The result is impressive: extremely low

distortions and a vertical radiation behaviour – one of which you would not expect from a ribbon.

In addition comes an unrivalled, finely drawn and hugely detailed sound picture of enormous clarity. The quadral quSENSE – sees the tweeter placed very closely to the respective midrange speaker. As a result, a most harmonic acoustic center emerges providing the ultimate listening pleasure.





HANDMADE IN
GERMANY





quadral ALTIMA®

WE RE-INVENTED OUR PREVIOUS 'BEST'

Even generation 9 relies on the proven quadral ALTIMA®- technology; our patented and world's only aluminium, titanium and magnesium compound that guarantees a perfect vibration behaviour for extreme speed and accuracy, and boasting zero unwanted disturbances and influences with the end product.

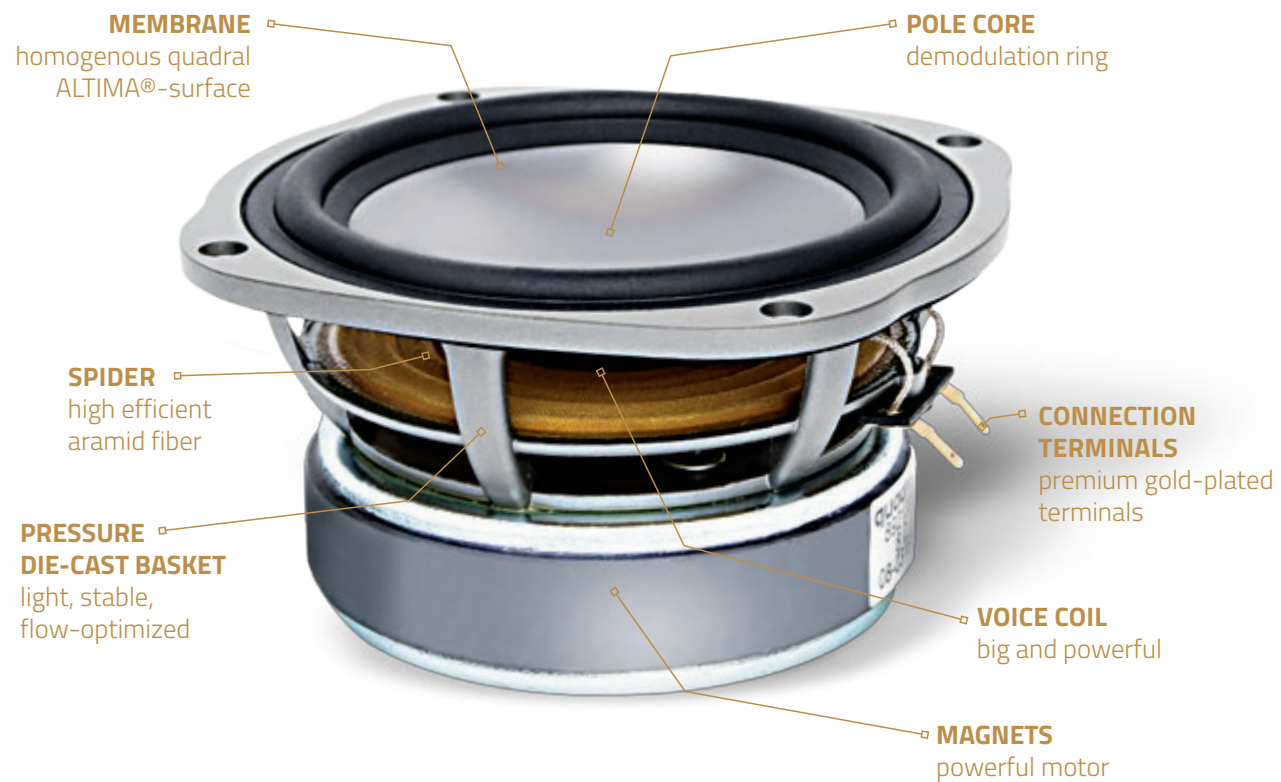
In contrast to the previous generation, the new membrane surface is homogenous, without a dust cap and with a clear improvement in radiation behaviour and fine dynamics.

The alu-die-cast basket is also a completely new construction with mini-

mal flow losses. Continuing with more new technological advancement is our impressive voice coil. In combination with the extremely strong drivers, our new voice coil provides a new optimum in dynamics, capacity and control and, of course our passion for attention to detail.

For the reduction of harmonic (distortion factor) and none harmonically (IM, Doppler) distortions, copper caps were placed on the pole cores of all drivers.

Many fine details – when added together make for an outstanding AURUM sound picture.



AURUM IN DETAIL

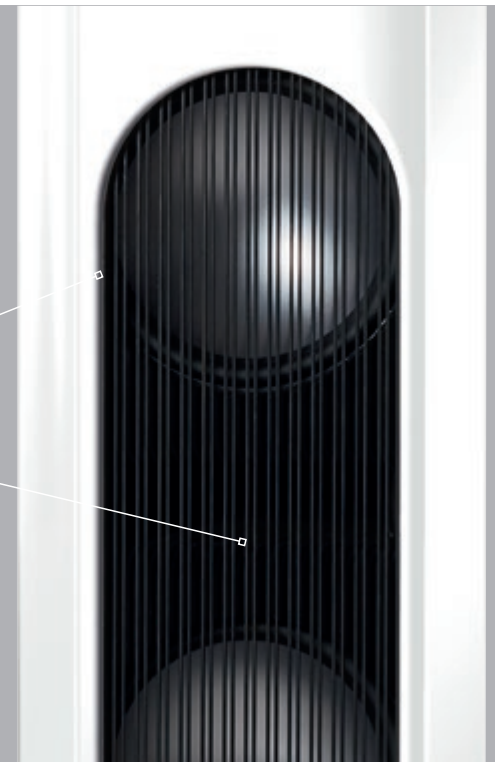
PRESSURE CHAMBER

The AURUM recipe for power and dynamics

Two powerful woofers - that work by way of a pressure chamber in the front and a bass reflex chamber at the back. The theoretical description of this being the **AURUM pressure chamber**.

In effect, this principle is a combination of deep and kick-bass. Two attributes which only a few loudspeakers combine. New with the AURUM 9 is the **bass reflex port which is placed in the front**, between the woofers. This facilitates the setting of the loudspeakers and the impulsivity.

Once more, the pressure chamber becomes a visual highlight again, interplaying beautifully with the curvatures and form of the woofer.



THE FINISH

Superior materials, multi-layer lacquered finish in a high-gloss or piano-finish; oiled woods and polished chrome parts provide a luxurious and still subtle, overall impression.

AURUM 9 is available as standard in black, white and walnut. On demand, we also offer lacquering of your loudspeaker in your personal RAL-tone.



THE TERMINAL

AURUM loudspeakers are equipped with high class Bi-Wiring terminals made of aluminium. For the optimal adjustment to spatial conditions and personal taste, they have level controls for the treble range. The models TITAN, BASE TITIAN and VULKAN are also individually adjustable in the low-frequency and mid-range areas too.

THE FOOT

The floorstanders TITAN and VULKAN utilize 'sandwich feet', decoupling the body from the ground. All AURUM loudspeakers provide for the deployment of optionally available spikes.



AURUM TITAN 9

GENERATION 9 OF A LEGEND:
FASCINATING, ROUSING, INSPIRING ...





AURUM TITAN 9

Type	3-way
Principle	Pressure chamber / bass reflex
Nom. Power / music capacity	500/800 W
Frequency response (Hz)	18...65,000 Hz
Transition frequency (Hz)	160/3100 Hz
Efficiency (dB/1W/1m)	88 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	2x 180 mm \varnothing quadral ALTIMA®
Woofer	2x 265 mm \varnothing quadral ALTIMA®
Size (HxWxD)	145 x 32 x 51 cm
Weight	86 kg

THE LEGEND IS ALIVE

In 1981 the first TITAN made history. With its presence and its exceptional sound it has inspired trade press and customers equally throughout time. Now, 35 years on, the 9th generation sees the light of day. Again it makes its mark: 145 cm tall, more than 100 kg of pure handcrafted excellence. The high / mid-range area is a combination of quadral ALTIMA® and quadral quSENSE in a D'appolito-arrangement. In the low range area, you'll discover a powerful pressure chamber with two strong drivers.

The result is impressive: extreme dynamics paired with an enormous sound stage and incomparable sovereignty. The room becomes a concert hall, massively fuelled, and as always, with an unrivalled ability to pamper the most delicate of moments too. The quadral quSENSE-technology works with exceptional low distortion into highest level areas. The powerful low bass provides the necessary foundation for a typical neutral AURUM sound.

TITAN 9 excites audiophile connoisseurs as well as owners of high-quality home cinema installations.

AURUM VULKAN 9

ONE NAME – ONE PHILOSOPHY

EXPLOSIVE, PROFOUND, AWE-INSPIRING





AUDIOPHILE POWER

The more calmly you dedicate yourself to a task, the more authentic and accurate the result. The new AURUM VULKAN is capable of sheer inexhaustible reserves of power and also finesse, which is why it renders naturally and with ease at the highest levels. As a result, it takes you on a musical journey, one that's shaped by power and sovereignty. Crystal clear highs bewitch, while rich and dry basses make music a totally perceptible experience. Its neutral tuning keeps the VULKAN close to the original too.

Like the big TITAN, the VULKAN also utilizes a high / midrange area of D'Appolito-arrangement. The rendered frequency range melts in to harmonic unity, powerfully supported by a pressure chamber with two 235 mm quadral ALTIMA®-drivers.

AURUM VULKAN 9 is outstanding, and a perfect pairing for exquisite stereo pleasure but also a rampant delight for "level-orgies" in your home cinema.

AURUM VULKAN 9

Type	3-way
Principle	Pressure chamber / bass reflex
Nom. Power / music capacity	350/600 W
Frequency response (Hz)	21...65.000 Hz
Transition frequency (Hz)	220/3000 Hz
Efficiency (dB/1W/1m)	88 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	2x 155 mm \varnothing quadral ALTIMA®
Woofer	2x 235 mm \varnothing quadral ALTIMA®
Size (HxWxD)	120 x 28 x 46 cm
Weight	57 kg



AURUM MONTAN 9

A MERGING OF TECHNOLOGY AND MUSICALITY
HARMONY, ORIGINALITY... WITH EASE!





AURUM MONTAN 9

Type	3-way
Principle	Pressure chamber / bass reflex
Nom. Power / music capacity	250/400 W
Frequency response (Hz)	26...65,000 Hz
Transition frequency (Hz)	320/3100 Hz
Efficiency (dB/1W/1m)	87 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	155 mm \varnothing quadral ALTIMA®
Woofer	2x 180 mm \varnothing quadral ALTIMA®
Size (HxWxD)	111 x 25 x 39 cm
Weight	39.5 kg

ENJOY SOUND

„Keep calm“ – this is the motto describing the AURUM MONTAN. Effortlessly, and almost casually, this impressive loudspeaker renders everything superbly that it's supplied through the aluminium terminal. It works extremely harmonically therefore, knowing how to convince and how to combine rich foundations with crystal clear highs. The musicality of the MONTAN is nothing less than impressive and thrilling. Even low passages are reproduced in full bloom. Turn up the volume level control and see the MONTAN keep its cool – it fills even big spaces with voluminous sound.



AURUM RODAN 9

DISCREET SOUND MIRACLE
SURPRISING, OUTSTANDING, ENGULFING





SO SMALL — SO BIG

Absolutely exquisite, the new floorstander AURUM RODAN barely towers one meter tall – but looks can be deceiving... Despite, in comparison to others, the more compact dimensions, it still provides all of the classic AURUM attributes: quadral quSENSE tweeter, powerful quadral ALTIMA® midrange and a pressure chamber with two gripping woofers. Combined, they help the RODAN go on to produce a truly life-like sound picture. The sound converter works its spaces entirely, almost explosively and enthrals with fantastic resolution – all from such a fine and compact cabinet which works on a pressure chamber principle and provides unexpected and impressive bass volume.

AURUM RODAN 9

Type	3-way
Principle	Pressure chamber / bass reflex
Nom. Power / music capacity	180/300 W
Frequency response (Hz)	28...65,000 Hz
Transition frequency (Hz)	250/3500 Hz
Efficiency (dB/1W/1m)	86 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	155 mm \varnothing quadral ALTIMA®
Woofer	2x 155 mm \varnothing quadral ALTIMA®
Size (HxWxD)	99 x 22 x 35 cm
Weight	31.5 kg







COMPACT SPEAKER

OUTSTANDING SOUND – FOR SUCH DIMENSIONS
FOR STEREO, FOR SURROUND, FOR CONNOISSEURS

COMPACT

AURUM **SEDAN 9**



Type	2-way
Principle	Bass reflex
Nom. Power / music capacity	120/180 W
Frequency response (Hz)	33...65,000 Hz
Transition frequency (Hz)	2800 Hz
Efficiency (dB/1W/1m)	85 dB
Impedance	8 Ω
Tweeter	quadral quSENSE aluminium ribbon
Woofer	180 mm \varnothing quadral ALTIMA®
Size (HxWxD)	39 x 23 x 35 cm
Weight	14.5 kg

The new AURUM SEDAN 9 is technically a floorstander in a compact size. That's the impression you get when you're immersed by voluminous sound as the sound stage unfolds around you. The presence is impressive, the level stability phenomenal. As if they were made of one piece, the quadral quSENSE-tweeter and big quadral ALTIMA®-driver play so smoothly together.

SEDAN is the perfect loudspeaker for everyone who prefers discreet optics without having to lower their expectations.

CLASS

AURUM GALAN 9

Type	2-way
Principle	Bass reflex
Nom. Power / music capacity	80/140 W
Frequency response (Hz)	36...65,000 Hz
Transition frequency (Hz)	2900 Hz
Efficiency (dB/1W/1m)	85 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Woofers	155 mm \varnothing quadral ALTIMA®
Size (HxWxD)	33 x 21 x 29 cm
Weight	10 kg

GALAN is the smallest member of the AURUM family. Still, the compact loudspeaker is able to effortlessly build and deliver a big stage presence. A well balanced sound picture with amazing depth captivates immediately. Fine resolution through the quadral quSENSE-tweeter excels and depicts every sound detail with perfect placement.

AURUM GALAN is suitable for stereo alignment, and is excellent for small to medium spaces. It's the perfect supplement for bigger home cinema installations too.







HOMECINEMA WORLD

EXPERIENCE WITH ALL SENSES

CRYSTAL CLEAR - DEEPLY PROFOUND - EVERYWHERE



AUDIO FOCUS

High-quality home cinema solutions are a real challenge for loudspeakers. Different attributes and demands are requested of them: low bass, level stability, the dynamics and also the ability to deliver fine resolution and excellent intelligibility. The center loudspeaker is responsible for the latter, meaning it has to fit in seamlessly into the 'surround compound'. Consistent

with the AURUM floorstander and compact speaker, we offer three different dimensioned center loudspeakers: BASE TITAN for the big loudspeakers TITAN, VULKAN, and MONTAN, the new 3-way-center BASE MAXIME, matching perfectly with the models RODAN, SEDAN, and GALAN.

AURUM BASE TITAN 9

Type	3-way
Principle	Pressure chamber / bass reflex
Nom. Power / music capacity	450/750 W
Frequency response (Hz)	23...65,000 Hz
Transition frequency (Hz)	200/2900 Hz
Efficiency (dB/1W/1m)	88 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	180 mm \varnothing quadral ALTIMA®
Woofer	2x 265 mm \varnothing quadral ALTIMA®
Size (HxWxD)	36 x 85 x 45 cm
Weight	57.5 kg



Classy and impressive - this is the big one, the Center BASE TITAN which takes design cues and snaps glances from the original TITAN. Therefore understandably, this BASE TITAN demonstrates the same musicality and abilities as our AURUM top model. Together with a TITAN, or VULKAN for that matter, there arises a homogenous companionship. This massive center works powerfully and with effortless strength, whilst still remaining sophisticated and delicate – a truly sublime experience.

KEY

AURUM **BASE MAXIME 9**

Type	3-way
Principle	Bass reflex
Nom. Power / music capacity	250/400 W
Frequency response (Hz)	27...65,000 Hz
Transition frequency (Hz)	300/3800 Hz
Efficiency (dB/1W/1m)	87 dB
Impedance	4 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	155 mm Ø quadral ALTIMA®
Woofer	2x 180 mm Ø quadral ALTIMA®
Size (HxWxD)	24 x 62 x 36 cm
Weight	24 kg

The new center loudspeaker, BASE MAXIME, is perfectly tuned to the floor standers (VULKAN, MONTAN, RODAN) of the AURUM series. The compact 3-way construction has impressive rendering and plays along on higher levels. Speech is crystal clear and detailed – perfectly matching your music or movie soundtrack.

ELEMENT

AURUM BASE 9

Type	3-way
Principle	closed
Nom. Power / music capacity	150/250 W
Frequency response (Hz)	44...65,000 Hz
Transition frequency (Hz)	3300 Hz
Efficiency (dB/1W/1m)	85 dB
Impedance	8 Ω
Tweeter	quadral quSENSE aluminium ribbon
Midrange	155 mm \varnothing quadral ALTIMA®
Woofer	155 mm \varnothing quadral ALTIMA®
Size (HxWxD)	16 x 46 x 26 cm
Weight	11 kg

Its discreet appearance is deceptive, yet harnessing intense power within the compact form of the Center Base. Two quadral ALTIMA® drivers and the quadral quSENSE tweeter melt together to provide homogeneous unity. Dialogues are rendered in perfect neutrality; whilst music is delivered dynamically and is beautifully detached. BASE also harmonizes perfectly with compact loudspeakers SEDAN and GALAN.



SURROUNDED BY

AURUM **PHASE 9**

THE AURUM PHASE 9 was still in development at time of publishing, therefore, final technical data cannot be specified.



AURUM PHASE 9 are low, elegant wall mounted loudspeakers that are individually adjustable (to 60 degrees bendable for wall/ceiling installation). Therefore, they are perfectly suited for classic surround settings (5.1) and three dimensional sound effects (e.g. 11.2).

Convert your home cinema into a rousing world of experience with exciting sound from all sides. Two quadral ALTIMA®-chassis provide pressure and volume, the quadral quSENSE-tweeter a crystal clear sound.

SOUND

AURUM ORKUS 9

Type	Active woofer
Principle	Bass reflex / down-fire
Nom. Power / music capacity	500/600 W
Frequency response (Hz)	20... bis (50...200) Hz variable
Transition frequency (Hz)	50...200 Hz
Woofer	320 mm Ø
Input sensitivity (mV)	250
Stand-by-circuit	Yes - power saving
Phase	0...180°
Supply voltage (V)	115/230 ~ reversible
Size (HxWxD)	47 x 40 x 50 cm
Weight	33 kg

Dive into the acoustic depths of movie and sound. Experience dynamic effects, subtle bass fogs and even loose explosions. Enjoy the deepest notes of an organ or a double bass. There's 500 watts and a powerful 32cm woofer providing brutal violence and in the same breath, perfect control and delicateness where needed. All this together in a very compact chassis – and optically tuned to the new AURUM series.



AURUM PRODUCT



	quadratiTITAN	quadratiVULKAN	quadratiMONTAN	quadratiRODAN	quadratiSEDAN	quadratiGALAN
Type	3-way	3-way	3-way	3-way	2-Wege	2-Wege
Principle	Pressure chamber / bass reflex	Pressure chamber / bass reflex	Pressure chamber / bass reflex	Pressure chamber / bass reflex	Bass reflex	Bass reflex
Nominal/Music Power (W)	500/800	350/600	250/400	180/300	120/180	80/140
Frequency Response (Hz)	18...65,000	21...65,000	26...65,000	28...65,000	33...65,000	36...65,000
Crossover Frequency (Hz)	160/3,100	220/3,000	320/3,000	250/3,500	2,800	2,900
Efficiency (dB/1W/1m)	88	88	87	86	85	85
Impedance	4 Ω	4 Ω	4 Ω	4 Ω	8 Ω	4 Ω
Speaker						
Tweeter	quadrati quSENSE aluminium ribbon	quadrati quSENSE aluminium ribbon	quadrati quSENSE aluminium ribbon	quadrati quSENSE aluminium ribbon	quadrati quSENSE aluminium ribbon	quadrati quSENSE aluminium ribbon
Midrange	2x 180 mm Ø quadrati ALTIMA®	2x 155 mm Ø quadrati ALTIMA®	155 mm Ø quadrati ALTIMA®	155 mm Ø quadrati ALTIMA®	–	–
Woofer	2x265 mm Ø quadrati ALTIMA®	2x235 mm Ø quadrati ALTIMA®	2x180 mm Ø quadrati ALTIMA®	2x155 mm Ø quadrati ALTIMA®	180 mm Ø quadrati ALTIMA®	155 mm Ø quadrati ALTIMA®
Level control	Low tone ± 2 dB, Mid tone ± 2 dB, High tone ± 2 dB	Low tone ± 2 dB, Mid tone ± 2 dB, High tone ± 2 dB	High tone ± 2 dB	High tone ± 2 dB	High tone ± 2 dB	High tone ± 2 dB
Size (HxWxD)	145 x 32 x 51	120 x 28 x 46	111 x 25 x 39	99 x 22 x 35	39 x 23 x 35	33 x 21 x 29
Weight (kg)	86	57	39.5	31.5	14.5	10
Finish	Genuine oiled walnut wood finish Black Piano finish White Piano finish Individual custom finish	Genuine oiled walnut wood finish Black Piano finish White Piano finish Individual custom finish	Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish

FLOORSTANDER

COMPACT

OVERVIEW



quadral+BASE TITAN	quadral+BASE MAXIME	quadral+BASE	quadral+PHASE	quadral+ORKUS	DESIGN STATIV G
3-way Pressure chamber / bass reflex 450/750 23...65,000 200/2,900 88 4 Ω quadral quSENSE aluminium ribbon 180 mm Ø quadral ALTIMA® 2x265 mm Ø quadral ALTIMA® Low tone ± 2 dB, Mid tone ± 2 dB, High tone ± 2 dB 36 x 85 x 45 57.5 Genuine oiled walnut wood finish Black Piano finish White Piano finish Individual custom finish	3-way Bass reflex 250/400 27...65,000 300/3,800 87 4 Ω quadral quSENSE aluminium ribbon 155 mm Ø quadral ALTIMA® 2x180 mm Ø quadral ALTIMA® High tone ± 2 dB 24 x 62 x 36 24 Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	3-way Closed 150/250 44...65,000 3,300 85 8 Ω quadral quSENSE aluminium ribbon 155 mm Ø quadral ALTIMA® 155 mm Ø quadral ALTIMA® High tone ± 2 dB 16 x 46 x 26 11 Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	in preparation Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish	Type Principle Nominal/Music Power (W) Frequency Response (Hz) Crossover Frequency (Hz) Woofer Input Sensitivity (mV) Stand-by-circuit Phase Supply voltage (V) Size (HxWxD) Weight (kg) Finish	Active woofer Bass reflex / down-fire 500/600 W 20... bis (50...200) Hz variable 50...200 Hz 320 mm Ø 250 yes, power saving 0...180° switchable 115/230 ~ reversible 47 x 40 x 50 cm 33 kg Genuine oiled walnut wood finish Black High Gloss finish White High Gloss finish Individual custom finish
					Loudspeaker stand 59.2 x 27.5 x 37.0 4.1 Black White for AURUM SEDAN, AURUM GALAN

HOME CINEMA





HIGH-END ELECTRONIC

SELECTED COMPONENTS FOR AN OUTSTANDING SOUND
HANDMADE IN GERMANY

WITHOUT COMPROMISE

HANDMADE IN GERMANY

PRE-AMPLIFIER TECHNOLOGY

The sum of extremely high quality component parts makes AURUM products something very special. For the input stages only BI-FET operational amplifiers are used.

With the very short signal paths of the pre and power amplifier we use capacitors with a 'no-loss' design ethos - only high quality polypropylene film capacitors are used, made in Germany.

When put together, they are your guarantee for low-distortion and low-loss transmission and a distinctively more dynamic musical picture.

POWER AMPLIFIER TECHNOLOGY

The discreetly installed power amplifier provides a nearly perfect musical picture. This complex but effective way of power amplification combined with passive output filters allows a free-of-distortion rendering with an extremely wide frequency range.

Exceptionally long lasting power transistors from a well-respected manufacturer are also used – with high impulses as well as vacuum sealed output relays, they've been designed to provide a long lasting relationship with your AURUM amplifier.

CD PLAYERS

Digital-technology: With a complex technical method, the laser unit of the CD player is syndicated and guided automatically. The AURUM developers use only a Burr Brown D/A converter with 24 bit/192 kHz for the AURUM CD players.

Analogue technology: To design the sound behavior of the AURUM CD player at the highest level, a series of filters are installed. For the audio branches also Bi-FET operational amplifiers and polypropylene film capacitors are integrated. Furthermore, an extremely strong, but low-noise drive motor is integrated in the player.

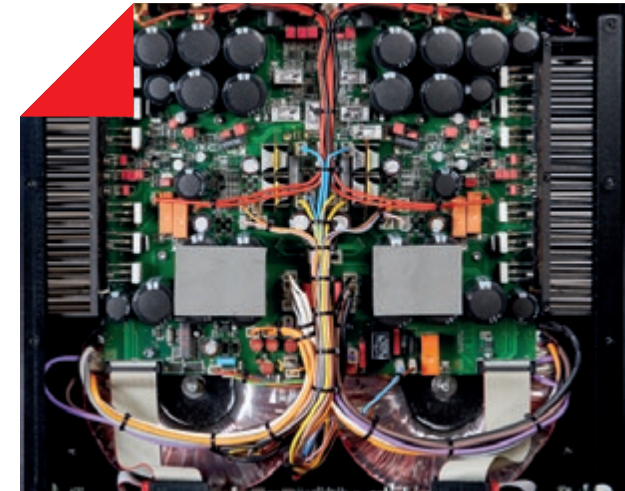
POWER SUPPLY

The standby eco power supply of the AURUM product amplifier series works with a power consumption of less than 0.9 watt. The specifically developed transformers minimize the electromagnetic field of the power supply. Because of this, the power amplifier can work free from interference and all AURUM amplifiers therefore offer a typical, identical and fascinating sound.

Special filters avoid distortion and humming noises of the toroidal-transformer. Five individual load capacitors per channel, with a specifically developed switch assure a fast current delivery. That is how AURUM full and power amplifier rule supreme, even with faster and higher impulses.



POWER IN ITS PUREST EDITION



Inside
AURUM M10

AURUM M10

Rich power on-tap and impressionable pleasure in the playing – these are the outstanding characteristics of the new AURUM M10. The strong split-channel structure, an extremely strong power supply and of course the finest selection of all electronic components makes the AURUM M10 a truly harmonic power amplifier. The range topping model of the AURUM series can be used both in stereo and mono; in mono, more than 1,000 watt at 4 ohm is achievable. Breathtaking musical detail to the finest degree – the M10 is scintillating, powerful and pure; with naturalness and a never ending desire to keep on delivering for you, this is what 'world-class' should resemble.

With the AURUM M10 you control the power of hungry loudspeakers like TITAN and VULKAN with ease, and can extract every last drop of their fine dynamics. The M10 offers versatile connectivity and includes switchable input sensitivity, bi-wiring terminals and optional RCA or XLR-inputs. The AURUM M10 is the next step to audiophile perfection. The supreme characteristics of this power amplifier can easily keep up with other brands displaying much higher price tags.



AURUM M10

Fairaudio's favourite
AWARD 2016
fairaudio 01/2016

sound-level 85%
price/ performance: excellent
STEREO 12/2015

MASTERPIECE
stereo power amplifier luxury class
AREA DVD 02/2016

AURUM M8

The M8 is a thoroughbred power amplifier with the attention to detail that you've come to expect from ourselves. It has immense transparency, unrestricted musical sensitivity and is a yet another class leader by right. Finesse aside, this M8 amplifier is no slouch – providing so much power and control that even at heart-stopping levels it will still continue to illuminate with ease. Even extremely ambitious loudspeakers find their ruler in the M8; and not just because this two channel amplifier can be used as a pure mono amplifier with only one switch. The two amplifier units are separated completely to avoid mutual interference. The whole signal processing works fully balanced. That is how the musical signal stays put, even with the widest of influences. This monarchy will rule for many years to come.

SPECIFICATIONS

Output Power at 8 Ohm
Output Power at 4 Ohm
Input Sensitivity for 1W
Frequency Response
Harmonic Distortion
Signal to Noise Ratio A-rated
Mains Connections
Power Input standby
Input
Dimensions (HxWxD)
 With wooden side pannels, feet and
 Speaker terminal
Weight
Finish

AURUM M10

2x 240W/1x 650W
 2x 400W/1x 1,000W
 -26 dBV at 4 Ohm
 1Hz-80kHz(-3dB)
 <0.03%
 79 dB
 115V/230V reversible
 <0.3W
 2 pair cinch, 1 pair XLR symmetrical
 453 x 130 x 400 mm

21.5 kg
 Black High Gloss

AURUM M8

2x 120W/1x 240W
 2x 200W/1x 350W
 -26 dBV at 4 Ohm
 1Hz-110kHz(-3dB)
 <0.03%
 85 dB
 115V/230V reversible
 <0.5W
 2 pair cinch, 1 pair XLR symmetrical
 453 x 130 x 345 mm

13.79 kg
 Black High Gloss



AURUM P8

The AURUM P8 sets standards according to sound, equipment and the ease of use. A special highlight is the discreetly buffered digital section, elevating every digital source enormously. Also, on the analog side the pre-amplifier, lovers of vinyl will enjoy the integrated phono amplifier of the utmost quality while the bypass function allows for a perfect integration into home cinema set-ups.

Inputimp./-sensitivity XLR, line
Signal to noise ratio . XLR/line A-rat.
Input Sensitivity/- phono MM
Signal to Noise Ratio. phono MM A-rat.
Voltage gain line
Outputimp./max. -voltage XLR/cinch
Control range volume
Control range balance/height/bass
Frequency Response
Harmonic Distortions
Mains Connections/input standby
Analog Input

Digital Input

Output
Dimensions (H x W x D)
 with wooden side pannels, feet and connectors
Weight
Finish

47kOhm/100mV
 94dB/94dB
 47kOhm/2.6mV
 90dB
 45dB
 3000hm/15V/6000hm/8V
 99dB
 ±6dB
 1Hz-110kHz (-3dB)
 <0.03%
 115/230V switchable./<0.5W
 4 pair cinch, 2 pair XLR symmetrical,
 1 pair phono-cinch
 (24bit/192kHz) 1x optical, 1x coaxial,
 1x USB/Typ B (48kHz)
 1 pair cinch, 2 pair XLR symmetrical
 453 x 82 x 330 mm
 5.31 kg
 Black High Gloss



AURUM P8

sound-level 80%
 price/ performance: excellent
 STEREO 12/2015

AURUM M8

sound-level 80%
 price/ performance: excellent
 STEREO 11/2013



REFERENCE

AURUM **A8**

AURUM 8 is our new high-end, complete, all-rounder, champion amplifier – handmade in Germany – based on double mono architecture with separated current supplies, signal processing as well as amplification. We outbid the whole spectrum of technical and scientific knowledge of circuit technology with our integrated high-end amplifier so you can enjoy an extraordinary level of listening pleasure. The ability for us to create a powerful reference amplifier that delivers such fabulous dynamics and both a rangy and finely detailed sound reproduction is paramount to our beliefs and objectives.



CLASS

AURUM C8

Due to its uncompromising architecture, our C8 reference CD player provides the bits & bytes of a CD to reach their true potential totally unclouded. An undocked drive surrounded with sophisticated vibration dampers is just one of many technical highlights helping to make this a true reference class player. As true a reproduction to you actually being there when originally recording or performing is another testimony to the abilities of the C8 player.



AURUM A8

Output Power at 8 Ohm	100W
Output Power at 4 Ohm	180W
Input Sensitivity for 1W	-16.3 dBV an 8 Ohm
Frequency Response	1Hz-110kHz(-3dB)
Harmonic Distortions	<0.03%
Signal to Noise Ratio A-rated	75 dB unrated
Mains Connections	115V/230V reversible
Power Input standby	<0.5W
Input	3 pair cinch, 2x opt. Toslink, 1x Koax SPDIF, 1x USB
Dimensions (HxWxD)	453 x 130 x 345 mm
With wooden side pannels, feet and Speaker terminals	
Weight	13.30 kg
Finish	Black High Gloss

AURUM C8

Analog Output asymmetrical 0dB	2.0V
Signal to Noise Ratio - unrated	Cinch -92dB/XLR -98db
Harmonic Distortions	<0.005%
Frequency Response	1Hz-22kHz(-3dB)
Digital Input / Output	Cinch, SPDIF
Mains Connections	115V/230V switchable
Input standby	<0.5W
Outputs	1 pair analog cinch, 1x coaxial digital
Dimensions (HxWxD)	453 x 82 x 305 mm
with wooden side pannels, feet and connectors	
Weight	6.80 kg
Finish	Black High Gloss

A close-up photograph of a high-end speaker system. The background is a warm, orange-brown wooden surface. On the right side, a portion of a white speaker cabinet is visible, featuring a black speaker driver with a gold-colored center cap. The text is overlaid on the left side of the image.

ACTIVE LOUDSPEAKERS

CONCENTRATED ENERGY FOR FASCINATING SOUND
HANDMADE IN GERMANY



AURUM ALTAN Aktiv

1. Place readers choice AUDIO Golden Ear

Compact loudspeakers over 2.000€

AUDIO (GER) 04/2014

fairaudio's favourite AWARD 2014

active compact loudspeakers

www.fairaudio.de (GER) 12/2013

Highly Commended „Homogenous Image“

sound quality: 89 points

price/performance: very good

AUDIO 09/2013

AURUM ORKAN Aktiv

5 of 5 Globes

“Outstanding – amongst the best”

Hi-Fi World (UK) 11/2013

Highlight

stereoplay (GER) 10/2013

OUTSTANDING

Aktivlautsprecher Luxusklasse

AREA DVD (GER) 03/2016

More test results:

www.quadral.com



FULLY ACTIVE

THE TECHNOLOGY

To linearize the frequency response of a passive loudspeaker you can use a crossover to lower frequency ranges in the level. On the other hand, with active loudspeakers you can perform elevations in frequency ranges. With only the smallest amount of effort any filter or equalizer can be used, and in combination with the built-in amplifier, each driver (tweeter, mid and woofer) gets direct signal input. In this way, it is possible to realize that all speakers can be tuned precisely, and because of the filters there are no losses. That is how the active speaker plays with a lot more ease and is more dynamic with the same amplifier power.

Another advantage of our active loudspeakers that we skillfully developed, enables users to make small and very fine sound adjustments. Because of this, you can either help eliminate problems caused by the uniqueness of space, or adapt the sound itself to your favorite music and nuances.

THE PANEL

A switchable 'high-pass' option enables the listener to choose between an extended deep bass or a higher maximum level output via a switchable setting. Furthermore, a higher cut-off frequency can help to decrease strong room resonances under 50 Hz.

Our introduced circuitry here also acts as a type of subsonic filter – and leads to reduced woofer travel and movement. It works in a way that means very deep frequencies are not directed to the speaker in order to stabilize them mechanically at very high levels.

The combination of a fixed bandwidth of 1/3 octaves and the switchable frequency and levels helps to set room corrections or to set individual sound modulation. These properties together along with the switchable 'high-pass' offers ingenious solutions for even the trickiest and demanding of installations.

ORKAN **AKTIV**

ORKAN Aktiv is a true technical firework: bass, middles and highs have their own amplifier, which are clean-filtered by the high-end pre amplifier and are adjustable in many ways. For the enormous performance requirements in the bass and low tone areas, ultra-modern Class-D power amplification has been used. For the delivery of an outstanding sound stage & picture, finesse and clarity, the quadral ribbon tweeter and a specifically developed analogue amplifier are perfectly matched and in-play. The ORKAN's excellent midrange comes from the AURUM TITIAN VIII. Thanks to the extremely strong magnet, this midranger paints itself into a league of its own. Superb dynamics and an incredible love for detail in the resolution is accompanied perfectly by a long-stroke, low distortion woofer and a brilliant ribbon tweeter.

ORKAN **AKTIV**

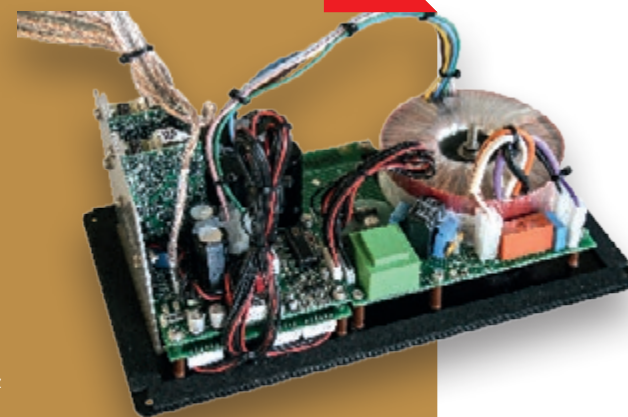
Input Impedance (XLR)	47 kOhm
Input Sensitivity (XLR)	100 mV/87 dB SPL
Input Impedance (line)	33 kOhm
Input Sensitivity (line)	100 mV/87 dB SPL
Max. Input volt. (XLR/ RCA)	6 V/6 V
Output power (total)	320 W (3 output stages)
Total harmonic distortions (clirr)	<0.05%
Frequency Response	28 Hz - 65,000 Hz
Input	Unsymmetrical (unbalanced) 1x RCA
	Symmetrical (balanced) 1x XLR
Circuit protection:	Temperature, overcharch.
Auto off (standby):	15 minutes without signal
Principle	Pressure Chamber/Bass Reflex
Speaker	Woofer 2 x 170 mm Ø quadral ALTIMA®
	Midrange 1 x 170 mm Ø quadral ALTIMA®
	Tweeter Ribbon
Mains Connection	100 V/115 V ~60 Hz, 230 V ~50 Hz
Power Input standard	14.3 W
Power Input full power	350 W
Power Input standby	<0.2 W
Dimensions (HxWxD)	102.2 x 22.2 x 44.8 cm
Weight	32.6 kg
Finish	Black High Gloss, White High Gloss Individual

ALTAN **AKTIV**

Pure chic, of high-quality finish and equipped with first class technology, the ALTAN Aktiv delivers everything the audiophile heart desires. Thanks to the Aktiv-electronics with rich 200W power and ingenious preamp circuitry, the ALTAN Aktiv combines effortlessly and with incredible results the advantages of a 2-way system with the frequency range of an adult, fully grown floorstanding speaker. Those who have experienced this loudspeaker just once cannot let it go: depth, controlled bass, dynamic uncolored middles, brilliant highs and a fantastically created picture all combine, unforgettably, in the ALTAN Aktiv. In addition, next to the integrated amplifier technology, the preserved AURUM components contribute their part too: quadral dynamics and the ribbon tweeter with that incomparable ability to calculate and manage the finest structures of music and delivering them so naturally.

ALTAN **AKTIV**

Input Impedance	47 kOhm
Input Sensitivity	100 mV/85 dB SPL
Input Impedance	33 kOhm
Input Sensitivity	100mV/85 dB SPL
Max. Input volt.	6 V/6 V
Output power	200 W (2 output stages)
Total harmonic distortions	<0.05%
Frequency Response	38 Hz - 65,000 Hz
Input	1x RCA
	1x XLR
Circuit protection:	Temperature, overcharch.
Auto off (standby):	15 minutes without signal
Principle	Bass Reflex
Speaker	1 x 170 mm Ø quadral ALTIMA®
	—
Mains Connection	Ribbon
Power Input standard	100V/115V ~60Hz, 230V ~50Hz
Power Input full power	10.6 W
Power Input standby	280 W
Dimensions (HxWxD)	<0.2 W
Weight	40.5 x 22.2 x 34.5 cm
Finish	14.7 kg
	Black High Gloss, White High Gloss Individual



HANDMADE IN
GERMANY



More informations and local distributors at

www.quadral.com

www.facebook.com/quadralhifi
www.youtube.com/quadralhifi

quadral GmbH & Co. KG

Am Herrenhäuser Bahnhof 26-28
30419 Hannover · Germany
Telefon: +49 (0) 511 79 04-0
E-Mail: export@quadral.com