

LOUDSPEAKERS FOR LIFE

GAUDER
AKUSTIK

SERIES ARCONA | CERAMICS | BERLINA | DARC



MADE IN GERMANY

PORTFOLIO 2019/2020

UNIQUE. INNOVATIVE. MUSICAL.
THE TECHNOLOGY OF THE GAUDER AKUSTIK LOUDSPEAKERS



Dr. Roland Gauder
Mastermind

Own cabinet manufacturing

Our cabinets are Handmade by ourselves in our manufacturing facility.

Own frequency crossover production

Designing the layout of all crossover pcbs by our technicians is a very important criterion for controlling and optimizing the sound quality of each speaker.

Frequency crossovers of very high slope

In multiway loudspeaker systems the crossover divides the frequencies to each way in a more or less strict way. We use very steep filters to give each specialist its preferred frequencies. By this our speakers have a higher power capability, a purer sound and a much better spatial imaging.

Symmetric crossovers

Normal crossovers have a common ground for the drivers' minus lead. So the drivers are directly coupled to the amp's ground thus giving a hard feedback. Our crossovers are symmetrical. This means that the drivers are in the middle of the crossovers and low-pass filters are between the minus poles of the drivers and the amp's ground which provides a pure, uncoloured sound and enables even small amps to control the speaker and not vice versa.

Highpass filters with bass extension

All our speakers are equipped with highpass filters in front of the woofers thus protecting them from DC and low-frequency distortions. But the actual reason for them is that filters of higher order produce lower bass from even small cabinets by

increasing the efficiency. To enable the use of small amplifiers or single-ended triode amps all speakers have a bass extension jumper. By pulling them out the impedance is increased and the power consumption is minimized. So all our speakers can be used with this kind of amplifiers.

Ceramic and diamond drivers from Accuton

Music consists of transients and impulses. Thus the impulse response is even more important than the frequency response, and if the loudspeaker reproduces these transients undistorted the illusion is perfect. That is why we use custom-made ceramic and diamond drivers from Accuton with their light but stiff and rigid diaphragms.

Components from Mundorf, IT and WBT

The exclusive use of best-manufactured and components of highest quality are a matter of course for us.

Room equalization system

Many of our loudspeakers are equipped with an elaborate room equalization system so you can adjust our speakers to your room.

Acoustic adjustment CD

Learn to know the acoustical properties of your room by using our new room acoustic CD. It also helps you to improve the loudspeaker placement in your room and check if your HiFi system is correctly installed.

ARCONA –
THE FIRST STEP INTO OUR WORLD OF
HIGHEND SPEAKERS



With New
Accuton
CERAMIC
TWEETER

THE NEW ARCONA SERIES

The Arcona series is the perfect entrance into our world of High-End loudspeakers! Equipped with all the technologies of our most elaborate loudspeakers the Arconas show what is possible in their price-ranges. They are ideal for people who love music and want to break up to new horizons in sound reproductions. From the small bookshelf Arcona 40, a high-pass filtered closed-box 2-way design to the big Arcona 100, an elaborate double-woofer 3-way system with a very elegant shape the technical solutions lead to a natural dynamic sound which is outstanding in its price classes.



Like all our loudspeakers also the Arconas show all the technologies we are known for: stiff cabinets, symmetric ultra steep frequency crossovers, light but stiff diaphragms and our new Accuton ceramic tweeter. The Arconas show the difference between normal music reproduction and a spatial image that leads to a perfect illusion of the music event. Even studio recordings get a new fascination.

TECHNICAL DETAILS:

- symmetrized crossover with Mundorf parts
- acoustically favourable drop-shaped cabinet
- WBT binding posts
- Clearwater inner wiring
- ultrahigh slope crossover of 50 db/octave
- Black XPulse diaphragm bass-/midrange driver
- Black Accuton Ceramic Tweeter
- Bass extension jumper
- Front grille included
- Spike extenders available

AVAILABLE FINISHES:
Piano high gloss black
and white



ARCONA 40 MKII

	2-way closed-box bookshelf monitor
Impedance [Ohm]	4
Power Handling [Watt]	100
Height [cm]	36
Width [cm]	21
Depth [cm]	33
Weight [kg]	12



ARCONA 60 MKII

	2½-way floorstanding slim loudspeaker
Impedance [Ohm]	4
Power Handling [Watt]	130
Height [cm]	99
Width [cm]	18
Depth [cm]	28
Weight [kg]	18



ARCONA 80 MKII

	2½-way floorstanding loudspeaker
Impedance [Ohm]	4
Power Handling [Watt]	170
Height [cm]	105
Width [cm]	21
Depth [cm]	39
Weight [kg]	24



ARCONA 100 MKII

	3-way double woofer bassreflex loudspeaker system
Impedance [Ohm]	4
Power Handling [Watt]	270
Height [cm]	114
Width [cm]	21
Depth [cm]	39
Weight [kg]	29



ARCONA FRC MKII

	Front-/Rear-/Centerspeaker
Impedance [Ohm]	4
Power Handling [Watt]	160
Height [cm]	19
Width [cm]	48
Depth [cm]	28
Weight [kg]	15

C FOR CERAMIC –
LEGENDS LIVE FOREVER



Our new Black Edition offers completely new technical solutions inside and a new outlook with black drivers outside. Many innovative features lift them to a completely new level of sound.



Cassiano MK II



04/2016 Cassiano MK II



11/2015 Vescova MK II



2016 Vescova MK II



06/2014 Vescova D



03/2011 Vescova



01/2018 Vescova Black Edition

CERAMIC SERIES AWARDS:

“Put it in your room, play it – learn to fly! Even with a non-adequate placement the Cassiano excites you a wide panorama” (LP 01/11). “Top Ten Ever” (HiFi-Plus), “At the moment I am not able to specify any other speaker which is able to sound that uncoloured and immaculate as the Vescova” (HiFi + records), Cassiano was awarded with “The Editor’s Choice Award 2016, “This speaker not only looks damned good but also plays like this!” (Stereo 1/2018). To be continued...

Vescova and Cassiano are our entrance cards to the world of loudspeakers with ceramic diaphragm drivers made by Accuton. These rigid and stiff diaphragms are so light that they can follow all musical transients like no other drivers can. As music consists of impulses and not of constant sine waves this effectively gives a much more natural and undistorted music reproduction. In combination with our ultrasteep, symmetric filter technology the Vescova and Cassiano show what is possible in HiFi.

TECHNICAL DETAILS:

- symmetrized crossover with Mundorf components
- ultrahigh slope crossover of 50 db/octave
- threefold room equalization
- hand-selected black Accuton drivers
- BiWiring WBT 0703 NextGen binding posts
- Clearwater wiring inside
- bass extension jumper
- spike extenders included

„WE WANT THE PERFECT ILLUSION
OF MUSIC EVENTS ... LIKE PLAYING
LIVE IN YOUR LISTENING ROOM!“

DR. ROLAND GAUDER



AVAILABLE FINISHES:

Piano high gloss black and white, Black Ash, White Ash, Zebrano, Makassar, Walnut, Olive, Rosewood, Cherry, Dark Oak, Aluminium silver



VESCOVA Black Edition



CASSIANO Black Edition



FRC Black Edition

	2½-way floorstanding loudspeaker	3-way double woofer bassreflex loudspeaker system	Front-/Rear-/Centerspeaker
Impedance [Ohm]	4	4	4
Power Handling [Watt]	340	410	290
Height [cm]	106	110	23
Width [cm]	21	21	52
Depth [cm]	41	41	33
Weight [kg]	26	30	17
	Diamond tweeter available	Diamond tweeter available	Diamond tweeter available

ON-THE-EDGE TECHNOLOGY -
BERLINA BLACK EDITION

BERLINA-SERIES Developing the Berlina Series was a logic step to create one of the best HiFi-loudspeaker series ever! After taking the crossover and driver technolog to the limit we invented our RC (Rib Construction) technology to eliminate vertical cabinet vibrations which are a big source of coloration of sound. And so with the Berlina RC 11 we are top of the ranking in stereoplay since 2012, top of the ranking in Audio magazine with the Berlina RC 9 and top of the ranking at AudioTest with the Berlina RC 8. Berlina RC 9 won the “Golden Ear Award” 2015 and 2016 in “The Absolute Sound”. Berlina RC 7 was “Speaker of the Year” in many countries. All this by accident only?



Our big success series with new components, circuitries and pcbs inside – the Black Edition was born. With all these new components and ideas we succeeded to even improve all acoustical properties and sounds of all Berlina's! So the Rib Construction concept is more actual than ever before.

TECHNICAL DETAILS:

- acoustically favourable cabinet
- symmetrized crossover with Mundorf components
- ultrahigh slope crossover of 50 db/octave
- threefold room equalization
- hand-selected black Accuton drivers
- BiWiring WBT 0703 NextGen binding posts
- Clearwater wiring inside
- bass extension bridge
- adjustable spikes included

AVAILABLE FINISHES:
Piano high gloss black and white, damper ribs in black, white, silver or gold



	BERLINA RC 3 Black Edition	BERLINA RC 7 Black Edition	BERLINA RC 8 Black Edition
	2-way closed-box monitor	3-way floorstanding speaker with triple 7"-bass system	3-way floorstanding speaker with triple 9"-bass system
Impedance [Ohm]	4	4	4
Power Handling [Watt]	120	510	830
Height [cm]	43	122	142
Width [cm]	23	24	36
Depth [cm]	33	46	65
Weight [kg]	16	62	85
	Diamond tweeter available	Diamond tweeter available	Diamond tweeter available



	BERLINA RC 9 Black Edition	BERLINA RC 11 Black Edition	BERLINA FRC GRAND BE
	4-way triple 7"-bass system with diamond midrange and tweeter	4-way reference system with separated cabinets	3-way reference center-speaker for wide mode
Impedance [Ohm]	4	4	4
Power Handling [Watt]	720	970	470
Height [cm]	145	202	28
Width [cm]	34	34	102
Depth [cm]	61	72	46
Weight [kg]	115	230	51
			Diamond tweeter available

THE MASSIVE ALUMINUM SERIES
DARC – END OF ALL DISCUSSIONS

DARC-SERIES

It is a well-known fact that the use of aluminum as a loudspeaker cabinet material causes different problems. Especially the “Ringing Bell”-effect is a killer criterion. There have been many attempts to overcome this problem by extreme bracing, wall damping by bitumen coating or covering by wooden materials. Actually the big problems could never be eliminated fully. With our Berlina RC (Rib Construction) series we could show the positive effects of dividing a cabinet wall into segments with dampers in between them. Applying this technology to aluminum ribs really brought the breakthrough! None of the disturbing effects of conventional aluminum enclosures could be found. The perfect cabinet was born!



The “Double Vison” version adds finest nuances of instruments and voices to all series products by the use of special inner components.



03/2019 DARC 200



01/2019 DARC 80



01/2019 DARC 100



06/2018 DARC 100
Testreferenz
„Klang 100%“

To set new standards in Home-HiFi music reproduction we equipped all DARC loudspeakers with the finest loudspeaker components available. Latest technologies of ultrasteep filtering with more than 60dB/octave are separating the frequencies in the crossovers on a new level of loudspeaker design. To setup the DARCs to your room they also have a fine-tuned 9-fold room equalization system and the bass extension jumper for adapting them to single-ended triode amplifiers. The DARCs – real loudspeakers for life!

TECHNICAL DETAILS:

- symmetrized crossover with Mundorf parts
- ultrahigh slope crossover of 60 db/octave
- Black Accuton or Gauder Akustik woofers
- Accuton mid/high drivers
- 9-fold room equalization system
- Bass extension jumper
- WBT NextGen binding posts
- Adjustable Spikes included
- Big foot available
- Double Vision version possible

AVAILABLE FINISHES:
Natural aluminum brushed, powder-coated aluminium in black, white, silver, anthracite, dampers in black, white, silver and gold



DARC 40



DARC 60



DARC 80

	2-way closed-box reference monitor	2½-way-system	2½-way-system with Accuton ceramic drivers
Impedance [Ohm]	4	4	4
Power Handling [Watt]	140	190	330
Height [cm]	47	103	116
Width [cm]	24	24	24
Depth [cm]	35	35	35
Weight [kg]	35	55	65

Big Foot, Double Vision, Diamond available

Big Foot, Double Vision, Diamond available



DARC 100



DARC 200



DARC 250

	3-way-system with 7"-woofers	3-way-system with two big 9"-woofers	4-way system with diamond midrange and tweeter
Impedance [Ohm]	4	4	4
Power Handling [Watt]	490	660	810
Height [cm]	124	132	145
Width [cm]	24	30	30
Depth [cm]	35	45	45
Weight [kg]	72	89	96

Big Foot, Double Vision, Diamond available

Double Vision, Diamond available

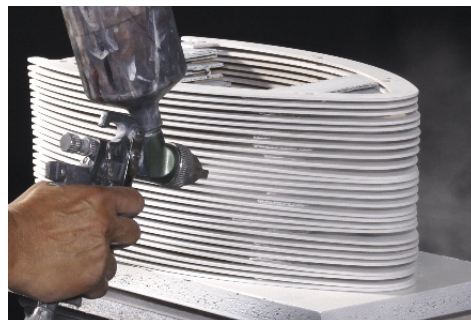
Double Vision available

CONSEQUENT RESEARCH AND HIGH CREATIVITY. AND EVERYTHING MADE IN GERMANY!

What kind of music do you like? Beethoven? Or rather Pink Floyd? Possibly both? Then you are like me lost to the world of emotions and goose bumps! A world in which a certain melody or tune can give you wings to fly and forget about the ordinary world below. A world in which nothing counts but the feeling of being helplessly lost to the composers and their pieces of art! I want to open the door to this world for you with all my loudspeakers! I know this is an ambitious goal but over all the years of research, mathematics, physics and listening development we have created so many new technologies that we have found the key to open this door for you.

With our German workmanship and finish quality we also take care of the fact that our loudspeakers will be part of your furnishing and not an ugly obstacle inside it. Our drop-shaped cabinets, veneers and piano finish are of highest standard. The same is true for all components we use in our crossovers and cabinets. From WBT to Mundorf only the best and highest quality is good enough for our loudspeakers.

Dr. Roland Gauder



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