LOUDSPEAKERS FOR LIFE



SERIES ARCONA | CERAMICS | BERLINA | DARC



UNIQUE. INNOVATIVE. MUSICAL.

THE TECHNOLOGY OF THE GAUDER AKUSTIK LOUDSPEAKERS



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 controling 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.

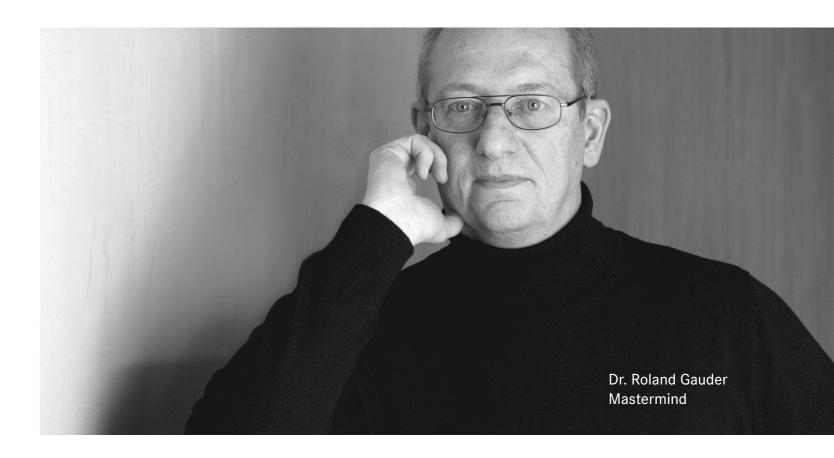
Symmetric crossovers

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 licht 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 loudspeaker 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





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 repro-

ductions. From the small book-

shelf Arcona 40, a high-pass

filtered closed-box 2-way design to the big Arcona 100, an ela-

borate 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.







01/2013 ARCONA 80





With New

06/2014 ARCONA 80 11/2013 ARCONA 100 01/2014 ARCONA 100

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 dropshaped 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	ARCONA 60 MKII	ARCONA 80 MKII
	2-way closed-box bookshelf monitor	2½-way floorstanding slim loudspeaker	2½-way floorstanding loudspeaker
Impedance [Ohm]	4	4	4
Power Handling [Watt]	100	130	170
Height [cm]	36	99	105
Width [cm]	21	18	21
Depth [cm]	33	28	39
Weight [kg]	12	18	24





ARCONA 100 MKII

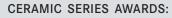
ARCONA FRC MKII

	3-way double woofer bassreflex loudspeaker system	Front-/Rear-/Centerspeaker
Impedance [Ohm]	4	4
Power Handling [Watt]	270	160
Height [cm]	114	19
Width [cm]	21	48
Depth [cm]	39	28
Weight [kg]	29	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.



"Put it in your room, play it learn to fly! Even with a nonadequate placement the Cassiano excites you a wide panaorama" (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...















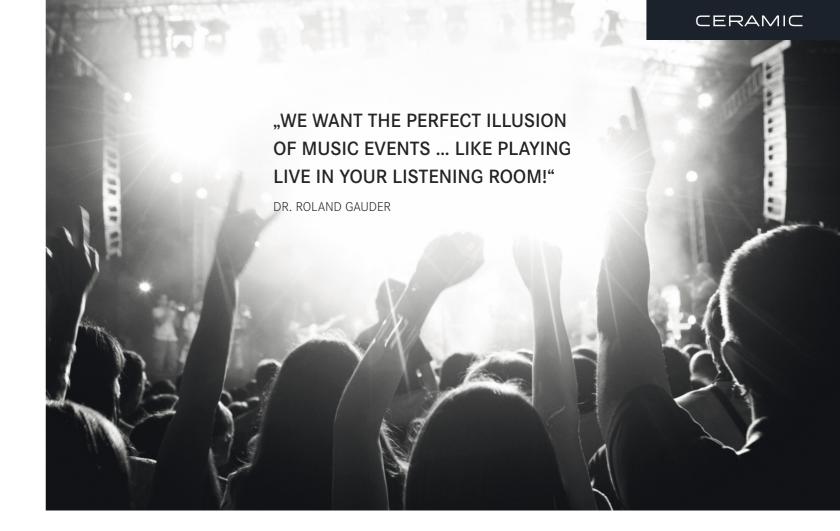


03/2011 Vescova

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



AVAILABLE FINISHES:

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





CASSIANO Black Edition



FRC Black Edition

VESCOVA Black Edition

2½-way floorstanding 3-way double woofer bassreflex Front-/Rear-/Centerspeaker loudspeaker loudspeaker system

Impedance [Ohm] 4 410 Power Handling [Watt] 340 290 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

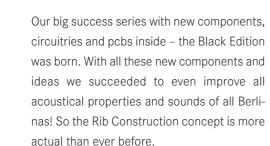
ON-THE-EDGE TECHNOLOGY -

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?



Berlina RC 9 01/2015 Berlina RC 11 06/2015 Berlina RC 3

Highlight

TECHNICAL DETAILS:

AUDIO

· acoustically favourable cabinet

symmetrized crossover with Mundorf components

AUDIO

- 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



HIFI.

STATE OF THE ART

01/2019 DARC 100

STEREO

SEHR GUT

06/2018 DARC 100

Testreferenz "Klang 100%" The "Double Vison" version adds finest nuances of instruments and voices to all series products by the use of special inner components.



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!

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 finetuned 9-fold room equalization system and the bass extension jumper for adapting them to single-ended triode amplifiers. The DARCs – real loudspeakers for life!

AUDIO

EMPFEHLUNG

01/2019 DARC 80

03/2019 DARC 200

TECHNICAL DETAILS:

- symmetrized crossover with Mundorf parts
- ultrahigh slope crossover of 60 db/octave
- · Black Accuton or Gauder Akustik
- · 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,	Big Foot, Double Vision,



DARC 100



Diamond available

DARC 200



Diamond available

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







