

GAUDER
AKUSTIK



LOUDSPEAKERS FOR LIFE.
MADE IN GERMANY.
THAT'S ALL.

Dr. R. Kuntz



DR ROLAND GAUDER
MASTERMIND OF
GAUDER AKUSTIK

UNIQUE. INNOVATIVE. HIGHLY MUSICAL.

THE TECHNOLOGY OF GAUDER AKUSTIK LOUDSPEAKERS.



In-house cabinet production

Handmade in Germany!

In-house crossover production

Crossovers are the centrepiece of a multi-way loudspeaker. Creating a sound-decisive layout by yourself means having the sound under control.

Crossovers with extremely high steepness

All our speakers work with crossovers that have crossover slopes of 50 dB/octave and more. This effectively eliminates amplitude (volume) and phase errors (impulse response, spatiality). This distinguishes GAUDER AKUSTIK loudspeakers from others.

Symmetrical crossovers

In conventional crossovers, the negative pole of the loudspeaker chassis is located on the amplifier ground and acts strongly back on the amplifier. With our loudspeakers, the loudspeaker chassis are virtually centred between the plus and minus poles, so that low-pass components always act as electrical dampers between the loudspeaker ground and the amplifier ground. This gives instruments and voices a unique purity!

High-pass filtering with bass extension

High-pass filtering gives a loudspeaker a deeper bass foundation in a smaller cabinet. By using our bass extension modules, you can determine the extent to which the bass response is extended towards lower frequencies.

TDC - the game changer

When a music signal passes through a crossover, it is delayed in time by the inductors used there. As there is no coil

(low-pass filter) in the signal path of the tweeter, the tweeter signal is not delayed and is emitted first, followed by the midrange signal and finally the bass signal. Broadband impulses are thus reproduced with a time distortion and lose their dynamic temporal coherence. The music sounds tired.

With TDC technology, we delay the signal from the tweeter to such an extent that it is emitted at the same time as the mid-range signal, so that the music is put back together correctly. As our speakers all have very low crossover frequencies from the bass to the midrange (120 Hz - 166 Hz) and the ear is very insensitive in the bass range, there is no need for a time delay between the midrange and the bass.

Thanks to the uninterrupted reproduction with TDC, there is also no more distortion in the acoustic phase of the loudspeaker and the music detaches itself wonderfully from the loudspeaker and plays from "wall to wall" in the listening room - resulting in a perfect illusion of spatial sound.

TDC - a real game changer in HiFi!

Speaker chassis at the highest level

Music consists of impulses. If the speaker can reproduce these undistorted and uncompressed, it is doing everything right. It doesn't matter what kind of music you listen to. That's why we work with the world's most renowned chassis suppliers or manufacture our perfectly matching chassis ourselves in keeping with tradition.

Components exclusively from Mundorf, IT and WBT

The crossover components play an important role in our complex crossovers (sometimes over 60 components per speaker). The same goes for the terminals. Here we only use the best components from German companies like Mundorf, IT und WBT.



**Arcona-
Series**
THE BEST IN
CLASS

THE TECHNOLOGY OF REFERENCE IN THE ENTRY-LEVEL CLASS THE ARCONA SERIES – ENTRY INTO THE GAUDER AKUSTIK WORLD

Enjoy unique dynamics, spatiality and impulse fidelity with any type of music. The Arcona series offers German high-end technology from our reference series in the entry-level class. Like our top models, every Arcona has high slope and sophisticated crossovers, equipped with high-quality components, top-quality connection terminals and the best internal cabling. The main aim of the development was to achieve an "unbeatable price/performance ratio". This has been impressively proven by numerous reviews and awards.

Arcona SD – the benchmark in this class

TECHNICAL DETAILS:

- Silky-sounding, high-resolution soft dome tweeter
- Bass/midrange with XPulse cone
- Symmetrical, ultra steep crossover
- WBT-Nextgen terminal
- Acoustically favourable, drop-shaped cabinet
- Clearwater cabling
- Bass extension system, customisable with modules
- Spike extension, available in black or silver



01/2020 ARCONA 60



04/2020 ARCONA 100



01/2021 ARCONA 100



08/2021 ARCONA 40



10/2021 ARCONA 80



01/2022 ARCONA 80



09/2022 ARCONA 60
MKII SD



11/2022 ARCONA 80
MKII SD

Available in black or
white piano lacquer



1st place



1st place

ARCONA 40 SD



1st place



1st place

ARCONA 60 SD



1st place



1st place

ARCONA 80 SD

Closed 2-way shelf/
compact loudspeaker

2½-way floorstanding
loudspeaker

2½-way floorstanding
loudspeaker

Impedance [Ohm]	4	4	4
Power handling [W]	100	130	170
Height [cm]	36	99	105
Width [cm]	21	18	21
Depth [cm]	33	28	39



2nd place

ARCONA 100 SD



ARCONA FRC SD

3-way floorstanding
loudspeaker with double bass

2½-way front/rear/
centre speakers

Impedance [Ohm]	4	4
Power handling [W]	270	160
Height [cm]	114	19
Width [cm]	21	48
Depth [cm]	39	28
Weight [kg]	29	15



TDC
TIME DELAY
CONTROL

**Double
Vision Version**
OPTIONAL
AVAILABLE

PIONEERING, INNOVATIVE AND POWERFUL SOUND THE CAPELLO SERIES

The new Capello series combines everything that is innovative and progressive in loudspeaker construction and brings a fullness of sound and dynamics that has never been found before. Whether it's improvements in enclosures, speaker drivers or crossovers, the heart of a loudspeaker, or whether it's the ingenious combination of all the details, listen to these speakers at your leisure and see why we are so proud of them!

The Capello series contains the essence of all the predecessor series that have been so successful worldwide. Technical developments are rarely so clearly recognisable from the outside, but you'll know what we're talking about from the very first notes.

TECHNICAL DETAILS:

- Acoustically favourable drop shaped cabinet
- GAUDER Akustik XPulse chassis
- Aluminium tweeter, upgradeable to Beryllium tweeter
- Ultra-steep flanked, balanced crossovers
- Exclusively components from Mundorf, IT and WBT
- Bass extension system, customisable with modules
- Adjustable bass level
- WBT BiWiring terminals
- Clearwater internal cabling
- Adjustable spike extension
- Cover frame available



03/2023 CAPELLO 100
BEDV



04/2023 CAPELLO 80
AIDV



09/2023 CAPELLO 100
BEDV

Available in black or white piano lacquer and walnut, rosewood or olive



CAPELLO 40



CAPELLO 80



1st place



CAPELLO 100



2nd place

	Closed 2-way monitor	2½-way floorstanding loudspeaker	3-way bass reflex loudspeaker
Impedance [Ohm]	4	4	4
Power handling [W]	100	190	300
Height [cm]	39	109	114
Width [cm]	24	25	25
Depth [cm]	34	42	42
Weight [kg]	10	24	28



CAPELLO CENTER

	2½-way centre speaker
Impedance [Ohm]	4
Power handling [W]	230
Height [cm]	24
Width [cm]	52
Depth [cm]	36
Weight [kg]	18

"Best Loudspeaker ever"
SOUNDREBEL.COM



TDC
TIME DELAY
CONTROL

**Double
Vision Version**
OPTIONAL
AVAILABLE

TECHNOLOGY CARRIER IN RIB CONSTRUCTION THE BERLINA SERIES

The Berlina series in its latest version: MK III - countless awards and recognition worldwide! And, of course, we are continuing it with our latest technical achievements, such as the new crossover balancing, TDC (Time Delay Control) and new drivers that are even better suited to their tasks than the previous ones. The superior concept of the ribbed cabinet design with damping elements in between and the acoustically outstanding teardrop shape remains. Also an aesthetic delight! High-End at its best.

Uncompromising loudspeaker construction with wooden ribs

TECHNICAL DETAILS:

- Innovative ribbed enclosure in RC technology
- Gauder Akustik Berlina-XPULSE chassis
- Diamond midrange drive
- Diamond tweeter at RC 11
- Aluminium tweeter, upgradeable to Beryllium tweeter
- Symmetrical crossover with ultra-steep filters
- Highly efficient room equalizer
- WBT NextGen BiWiring Terminal
- Internal assembly with Mundorf, IT, WBT and Clearwater internal cabling
- Music Light and VU-Meter optionally available
- Bigfoot included



Berlina RC 9



Berlina RC 9



01/2015 Berlina RC 11



06/2015 Berlina RC 3



06/2015 Berlina RC 3



06/2015 Berlina RC 7



03/2015 Berlina RC 7



12/2020
Berlina RC 7 BE

Ribs, lid and base in black or white piano lacquer, Intermediate ribs in black, white, silver or gold



BERLINA RC3 MKIII



BERLINA RC7 MKIII



BERLINA RC11 MKIII

	Closed 2-way monitor	3-way floorstanding loudspeaker with triple 7" bass system	4-way reference loudspeaker in modular design
Impedance [Ohm]	4	4	4
Power handling [W]	120	510	970
Height [cm]	43	122	202
Width [cm]	23	24	34
Depth [cm]	33	46	72
Weight [kg]	16	62	230



BERLINA FRC GRAND MKIII

	3-way front/rear/centre speaker
Impedance [Ohm]	4
Power handling [W]	470
Height [cm]	28
Width [cm]	102
Depth [cm]	46
Weight [kg]	51



TDC

TIME DELAY
CONTROL

**DARC-
Series**

STATE OF
THE ART

GAUDER. DARC. REFERENCE.

THE DARC SERIES – THE END OF ALL DISCUSSIONS

Aluminium enables speaker enclosures that can be small and powerful. If only it weren't for physics... For a long time, the use of solid aluminium as an enclosure material was considered almost impossible. Thanks to our ribbed technology, we have completely eliminated sound conduction and the associated "bell sound". The result is loudspeakers with dynamics and sound purity that are unrivalled in hi-fi. The realisation was funded by the German Federal Ministry of Research and Development. Aluminum Masterpieces!

Small. Powerful. Superior.

TECHNICAL DETAILS:

- Housing made of massive aluminium ribs with intermediate dampers
- Gauder Akustik XPULSE chassis
- Beryllium tweeter, upgradeable to Diamond tweeter
- Symmetrical crossover with ultra-steep filters
- Highly efficient room equaliser
- WBT NextGen BiWiring Terminal
- Internal assembly with Mundorf, IT, WBT and Clearwater internal cabling
- Music Light and VU-Meter optionally available
- Bigfoot included



03/2019 DARC 200



01/2019 DARC 80



01/2019 DARC 100



06/2018 DARC 100
Testreferenz
„Klang 100%“



06/2019 DARC 60
„Klangniveau 97%“



11/2021 DARC 40



01/2024 DARC 100 MKII
Arbeitsgerät
der Redaktion

Available in natural brushed aluminium and powder-coated in silver, black, white and anthracite; intermediate ribs optionally in black, white, silver and gold



1. Platz

DARC 40 Mk II



DARC 60 Mk II



1. Platz

DARC 80 Mk II

	Closed 2-way reference loudspeaker	2½-way floorstanding loudspeaker	2½-way floorstanding loudspeaker
Impedance [Ohm]	4	4	4
Power handling [W]	140	190	330
Height [cm]	47	103	116
Width [cm]	24	24	24
Depth [cm]	35	35	35
Weight [kg]	35	55	65



DARC 100 Mk II



1. Platz

DARC 200 Mk II



DARC 250 Mk II

	3-way floorstanding loudspeaker with 7" double bass system	3-way floorstanding loudspeaker with 9" double bass system	4-way reference loudspeaker Diamond/mid/high range unit
Impedance [Ohm]	4	4	4
Power handling [W]	490	660	810
Height [cm]	124	132	145
Width [cm]	24	30	30
Depth [cm]	35	45	45
Weight [kg]	72	89	105

SUPPORT ROOM SETUP AND SOUND SO THAT YOUR GAUDER AKUSTIK SPEAKER SOUNDS THE WAY IT SHOULD!



ANALYSE ROOM DISTORTIONS, OPTIMISE SPEAKER PLACEMENT

Nothing influences the sound of a loudspeaker as much as the room acoustics. With the help of our CD, you can optimise your analyses to set up your loudspeakers optimally. It is also a helpful tool for testing the correct wiring of your whole HiFi-System.

For more information, please contact your GAUDER AKUSTIK dealer or our customer service.

BASS EXTENSION SYSTEM

Our unique bass extension system allows you to extend the bass of your Gauder Akustik loudspeaker to lower frequencies. We have devised a system that allows you to extend the frequency response in your listening room so that it suits your room perfectly. Simply plug the appropriate module into the bass extension sockets of the loudspeaker and judge for yourself which module fits perfectly.



YOUTUBE CHANNEL



THE TECHNOLOGY THE GAUDER AKUSTIK SPEAKERS

BY DR ROLAND GAUDER



Available in natural brushed aluminium and powder-coated in silver, black, white and anthracite; intermediate ribs optionally in black, white, silver and gold



DARC 240 Mk II



DARC 500 Mk II



DARC 750 Mk II

	3-way quadruple bass reflex loudspeaker	4-way quadruple bass reflex loudspeaker	4-way quadruple bass reflex loudspeaker
Impedance [Ohm]	4	4	4
Power handling [W]	1250	1250	1280
Height [cm]	196	197	201
Width [cm]	30	30	30
Depth [cm]	45	45	45
Weight [kg]	138	156	170



DARC Center Mk II



DARC Center Grande Mk II

	Centre speaker Multi-channel speaker systems	Sophisticated centre speaker for multi-channel applications of the highest demands
Impedance [Ohm]	4	4
Power handling [W]	380	780
Height [cm]	33	33
Width [cm]	64	99
Depth [cm]	36	36
Weight [kg]	42	65

LOUDSPEAKERS FOR LIFE.
HANDMADE IN GERMANY.
THAT'S ALL.





Do you love Brahms or Pink Floyd?

Maybe both? Then you and I share this incredible love of music, this feeling of being able to escape the world just by listening to music. With our loudspeakers, we want to reproduce your music even more vividly - even more, we want to touch you in your emotions for the music. How do we do that? No other loudspeaker product is so elaborately calculated and designed. With the best components and many technical innovations, we create unique and musically coherent overall concepts. Arrange a listening appointment now. I am convinced, you will be impressed! Yours, Dr Roland Gauder

GIVE US A CALL OR ARRANGE A HEARING APPOINTMENT ONLINE WITH YOUR SPECIALIST DEALER.



MORE ABOUT US AND THE MANUFACTORY
IN THE COMPANY VIDEO



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