

LOUDSPEAKERS FOR LIFE

MADE IN GERMANY

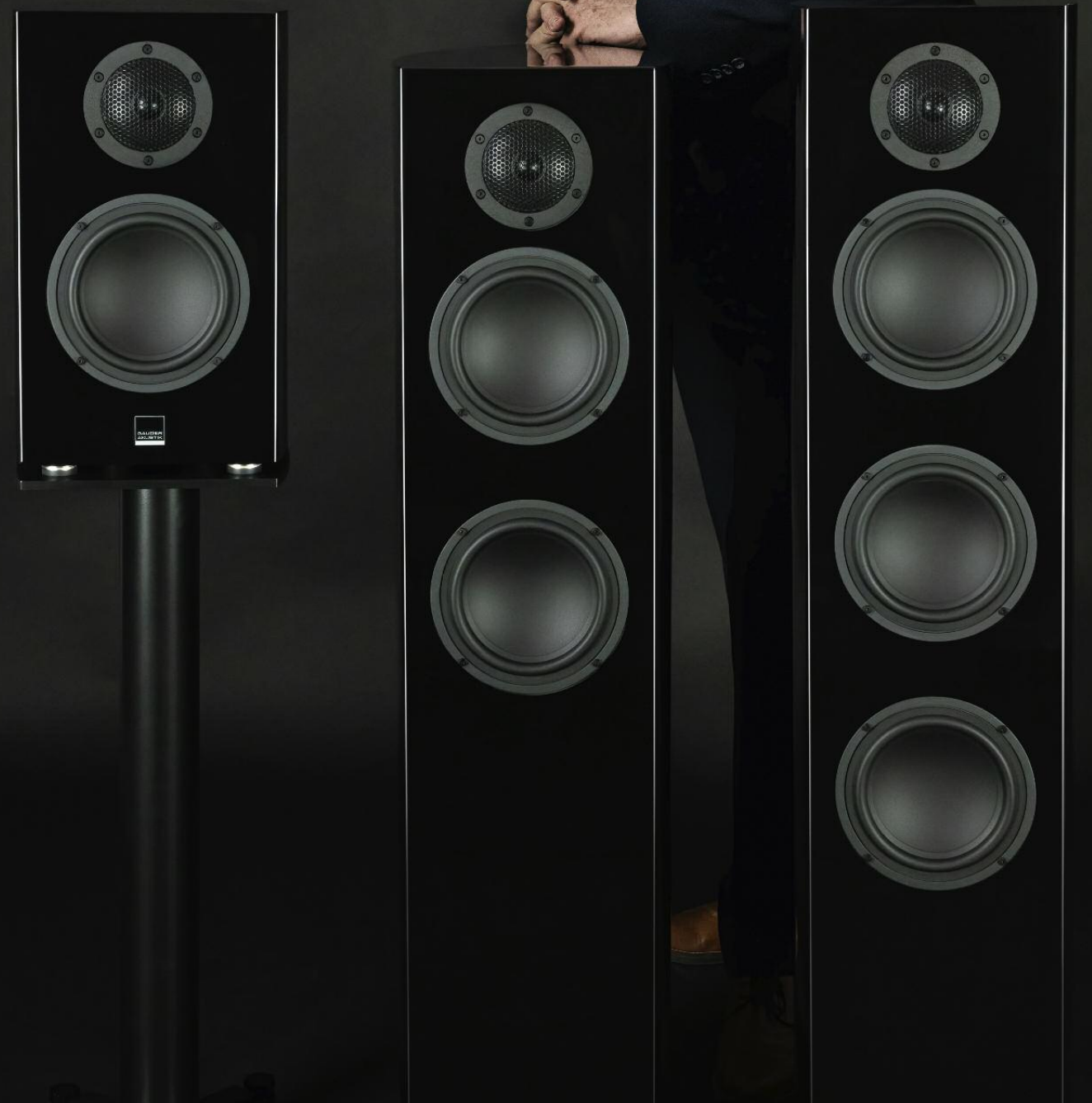


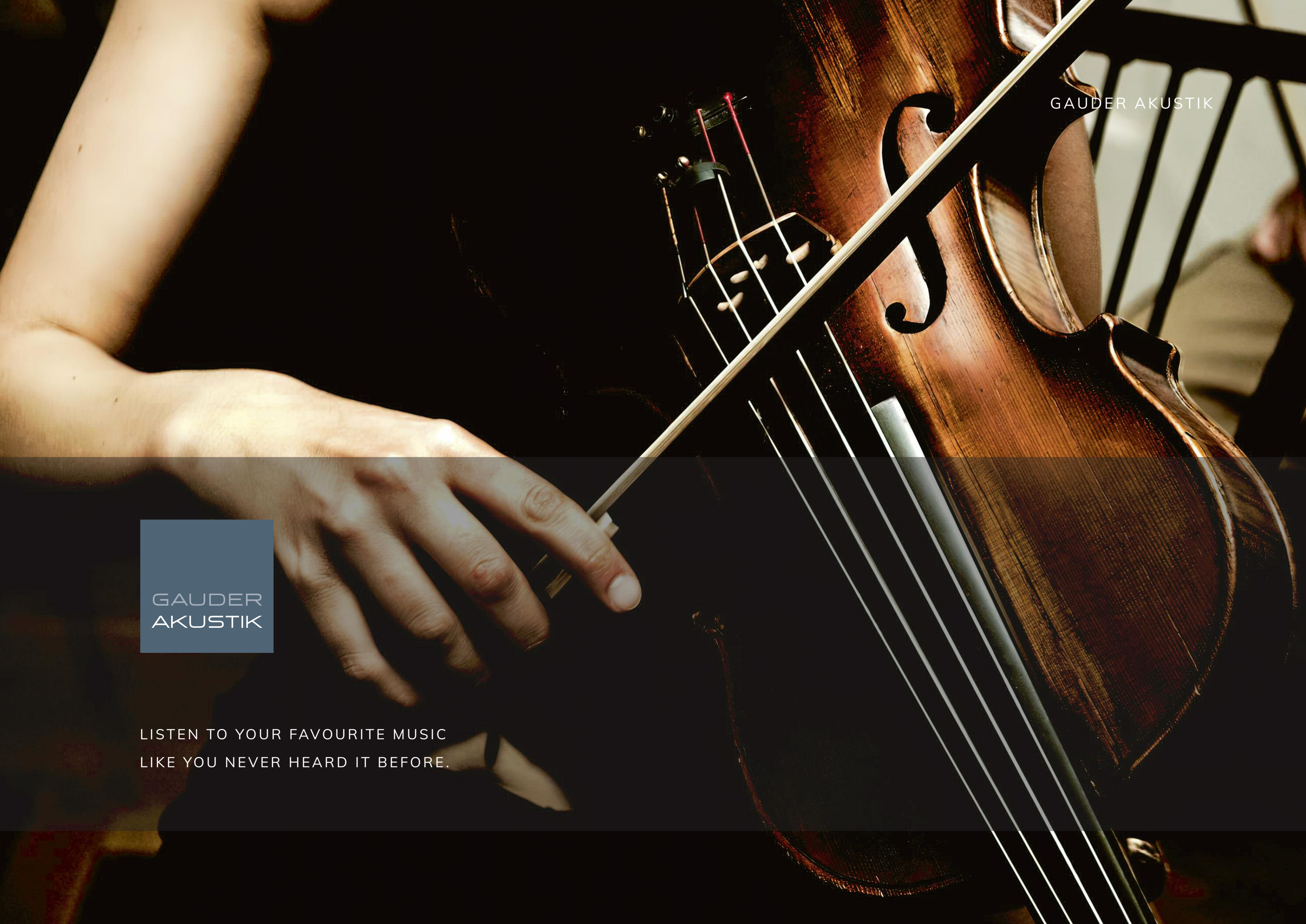
LOUDSPEAKERS FOR LIFE

HEAR FOR YOURSELF WHAT REAL
INNOVATION IN LOUDSPEAKER DESIGN
MEANS IN TERMS OF SOUND.

CAPELLO-SERIES

NEW





GAUDER AKUSTIK

GAUDER
AKUSTIK

LISTEN TO YOUR FAVOURITE MUSIC
LIKE YOU NEVER HEARD IT BEFORE.

LOUDSPEAKER SERIES



ARCONA
HIGHEND
FOR
BEGINNERS



CAPELLO
NO WISHES
LEFT



BERLINA
WOODEN
RC RIB
TECHNOLOGY



DARC
MASSIVE
ALUMINUM –
FINEST SOUND

THE MANUFACTURE

BEST OFF
GERMAN
ENGINEERING



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

Our German craftsmanship takes care of all details inside and outside. Flawless loudspeakers in sound and vision – that's Gauder Akustik.

HANDMADE IN GERMANY

THE FINE
SPEAKER MANU-
FACTURER

LOUDSPEAKERS FOR LIFE.
MADE WITH PASSION.

Manufactured in our company in Renningen, Germany, close to Stuttgart, we guarantee ultimate quality in sound and finish! All customers are invited to our company to see how their future loudspeakers are built! You will be amazed!

DR. ROLAND GAUDER –
MASTERMIND OF
GAUDER AKUSTIK.

Standing in the row of a 90-year-old tradition
in loudspeaker building we create musical
masterpieces in sound and finish for sophisti-
cated music lovers. Loudspeakers for Life!

Dr. R. Gauder

GAUDER'S DNA



CABINETS MADE OF ALUMINUM



THE WORLD'S FIRST LOUDSPEAKERS MADE IN MASSIVE ALUMINIUM RIB TECHNOLOGY

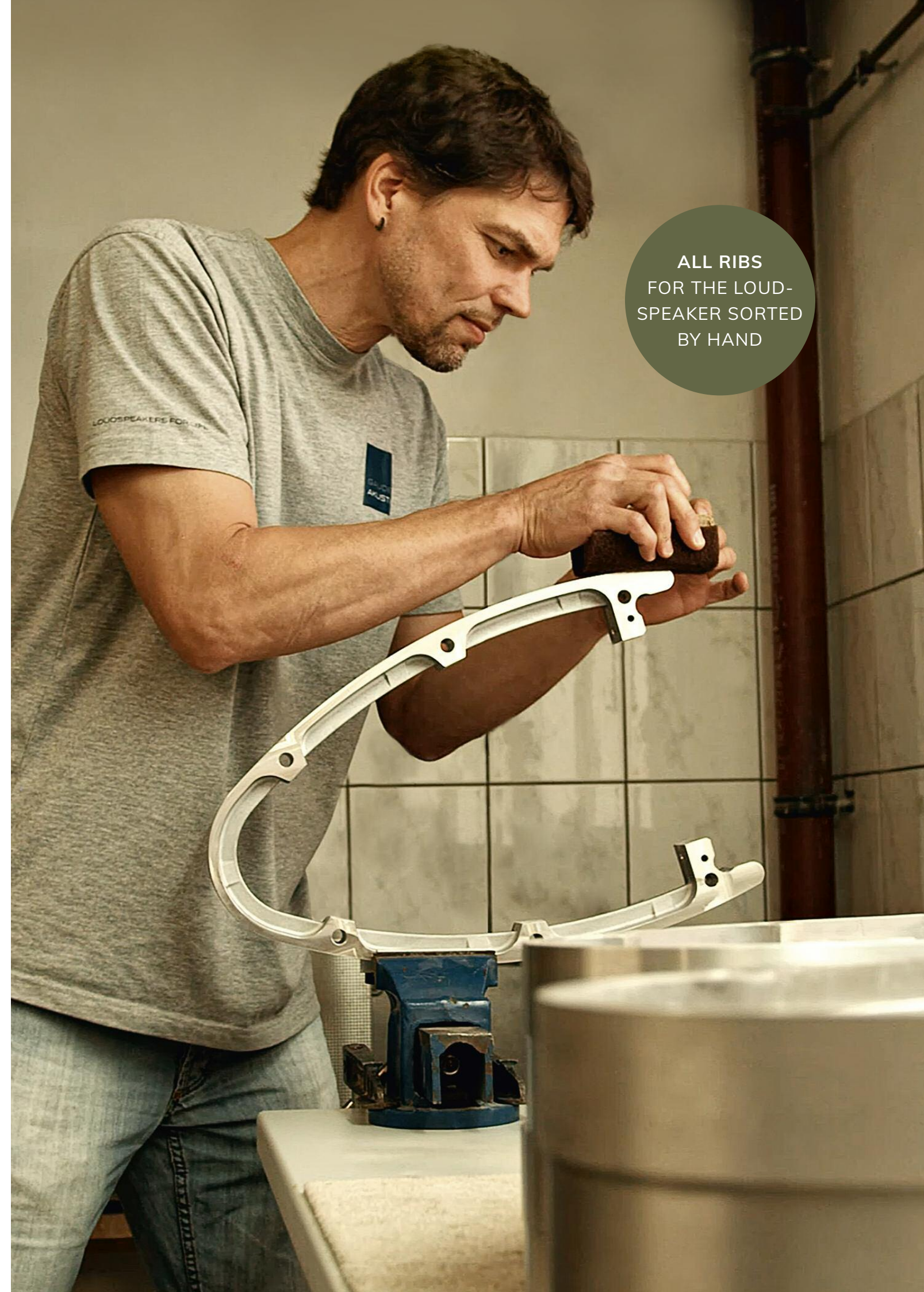
Thanks to the unique RC rib technology, we can use aluminum as cabinet material without getting the infamous "bell sound" of the material. The implementation was funded by the German Federal Ministry for Research and Development.

RIB TECHNOLOGY



OUR UNIQUE RIB TECHNOLOGY IN WOOD
(BERLINA) AND IN ALUMINIUM (DARC)

Inner and outer shape of each rib are carefully calculated for best sound and sound propagation. Dampers between each single rib and a hard, solid front baffle covered by stone ensure overall stability. This technology was a milestone in HiFi and led us to building the best loudspeakers in the world.



ALL RIBS
FOR THE LOUD-
SPEAKER SORTED
BY HAND

SYMMETRIC FREQUENCY CROSSEOVERS

$$T(s) = \frac{V_d(s)}{V_e(s)} = \begin{pmatrix} 1 & \frac{1}{sC_1} \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & sC_7 \\ 0 & \frac{1}{L_6C_7s^2+1} \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & \frac{1}{sC_2} \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & R_1 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & L_1s \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ 0 & 1+R_3 \end{pmatrix}$$

$$\begin{pmatrix} 1 & L_2s \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & R_3 \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & \frac{1}{C_3s} \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & C_5 \\ 0 & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & R_{0c} \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & L_{vc}s \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ C_5s & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ \frac{1}{L_{vc}s} & 1 \end{pmatrix}$$

$$\begin{pmatrix} 1 & L_{BR}s \\ 0 & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ C_{BR}s & 1 \end{pmatrix} \begin{pmatrix} 1 & 0 \\ R_s & 1 \end{pmatrix}$$



Crossover
of DARC 100

UNIQUE AND ONLY FROM GAUDER: SYMMETRIC 60-DB/OCTAVE-CROSSEOVERS

Frequency crossovers are the heart of any loudspeaker system. In our Gauder loudspeakers the drivers electrically sit in the middle between plus and minus. So they are electrically balanced to the ground and have a slope of 60 dB/octave. This leads to musical purity, high power capability, 3D imaging and transparency.

VARIOUS MATERIALS



IT'S YOUR CHOICE –
IT'S YOUR SOUND

Different materials for different frequency ranges.
But even more important is the correct electrical
driving of each crossover way.





BIG FOOT OR SMALL FOOT

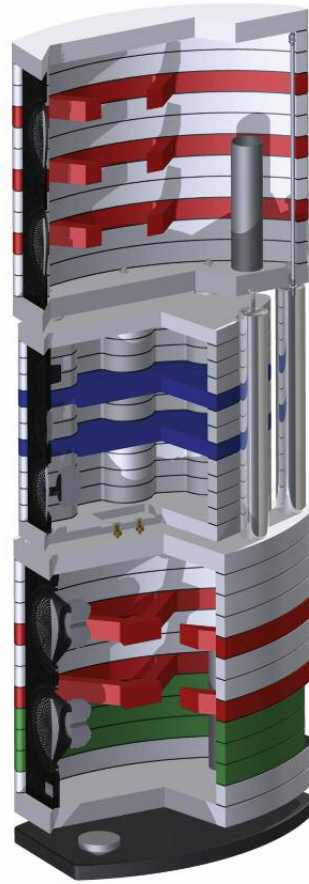
The BigFoot for DARC and Berlina offers a solid stand with easy levelling. Integrated are WBT Bi-Wiring binding posts, 3 jumpers for setting the volume of bass and highs and activating the bass extension circuit. Easy and smooth adjusting – a precision masterpiece.

FOOT FEATURE



Brushed natural aluminium for sophisticated customers who want a unique finish.

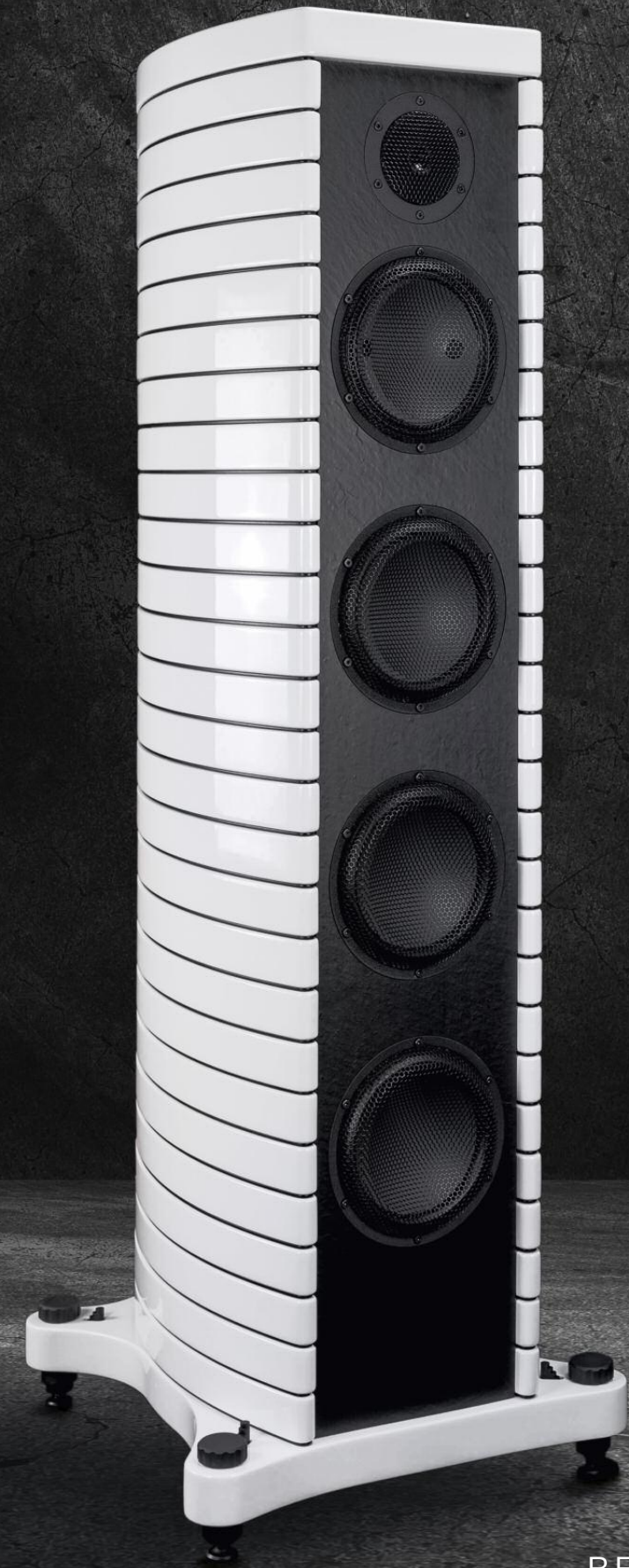
WOODEN RIBS



Schematic representation:
Cabinet construction of the
BERLINA RC11

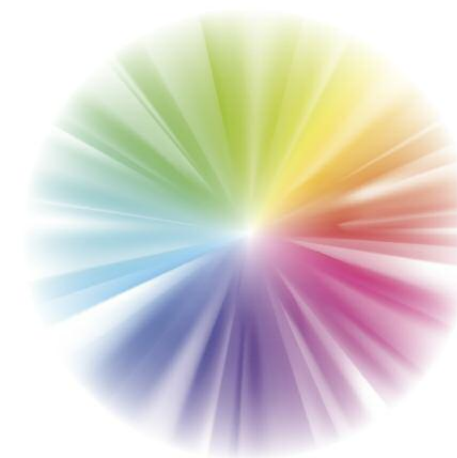
THE INVENTION OF RIB CONSTRUCTION (RC) TECHNOLOGY

According to cybernetic aspects for building the perfect loudspeaker cabinet we came up with the idea of stacking wooden ribs. All Berlinas found worldwide approval due to their natural sound and precise bass reproduction. The wonderful esthetics and shape of these speakers set new values to design.



BERLINA RC7

MUSICLIGHT

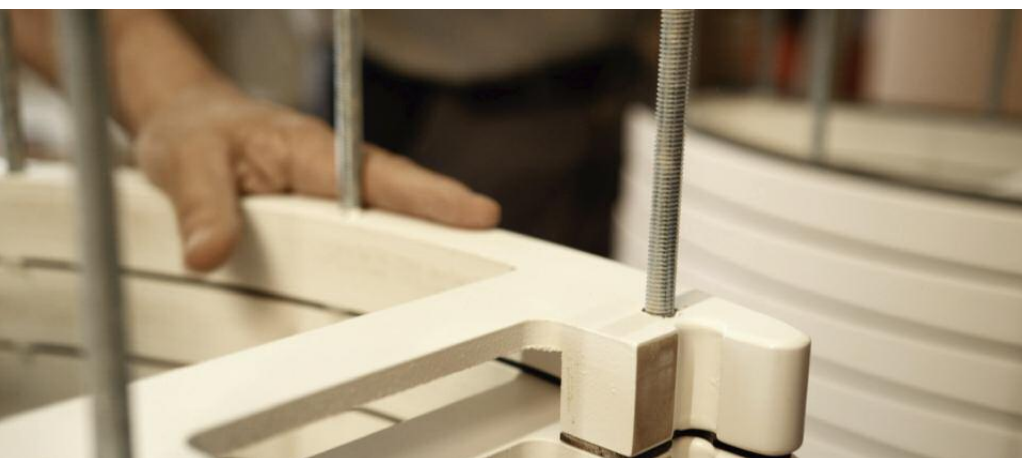


Like a rainbow
in the DARC

IN THE MOOD – OUR MUSICLIGHT ILLUMINATION SYSTEM

Listening to music is a sensual experience. Turn out the light, switch on the MusicLight system of your DARC- or Berlina-speaker and adjust the colour and brightness with your mobile phone via our Gauder Akustik app. Joy for Eye and Ear.

THE MANUFACTURE



Working for HiFi, music and
the best sound possible.
Everything is Handmade in
our factory.

HANDMADE
MASTERPIECES
MADE IN
GERMANY



ARCONA
SERIES



AVAILABLE FINISHES

Piano high gloss black and white

MODELS

Arcona 40 SD
Arcona 60 SD
Arcona 80 SD
Arcona 100 SD
Arcona FRC SD

CAPELLO
SERIES



AVAILABLE FINISHES

Piano high gloss black and white; veneers to order: walnut, rosewood and olive

MODELS

Capello 40
Capello 80
Capello 100
Capello Center

BERLINA
SERIES



AVAILABLE FINISHES

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

MODELS

BERLINA RC 3 Mk III
BERLINA RC 7 Mk III
BERLINA RC 11 Mk III
BERLINA Center Grande Mk III

DARC
SERIES



AVAILABLE FINISHES

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

MODELS

Darc 40 Mk II, Darc 60 Mk II, Darc 80 Mk II, Darc 100 Mk II, Darc 200 Mk II, Darc 240 Mk II, Darc 250 Mk II, Darc 500 Mk II, Darc 750 Mk II, Darc Center Mk II, Darc Center Grande Mk II

SEVERE QUALITY CONTROL



EVERY
LOUDSPEAKER
MEASURED AND
HEARD

CERTIFIED MANUFACTURING, 10-YEAR-
WARRANTY AND LIFETIME UPDATE OPTION

As we know about the high quality standard of our speakers we give a 10-year warranty to any customer. With our unique lifetime update option we can always set up your speaker to the latest technical status.

AWARD WINNING LOUDSPEAKERS

Our loudspeaker have won many international awards within the last 30 years. Moreover, 5 of our models are Number One of the current German ranking list of all 4 print magazines! Against all international competitors.

 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	 03/2023 CAPELLO 100 BEDV	 04/2023 CAPELLO 80 AIDV	 09/2023 CAPELLO 100 BEDV	 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	 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	 Berlina RC 9	 Berlina RC 9		

Arcona 40 SD	Arcona 60 SD	Arcona 80 SD	Arcona 100 SD	
				
1st place	1st place	1st place	2nd place	
				
1st place	1st place	1st place		
Capello 80	Capello 100	Darc 40 Mk II	Darc 80 Mk II	Darc 200 Mk II
				
1st place	2nd place	1st place	1st place	1st place

WHAT IS SPECIAL
ABOUT GAUDER AKUSTIK?

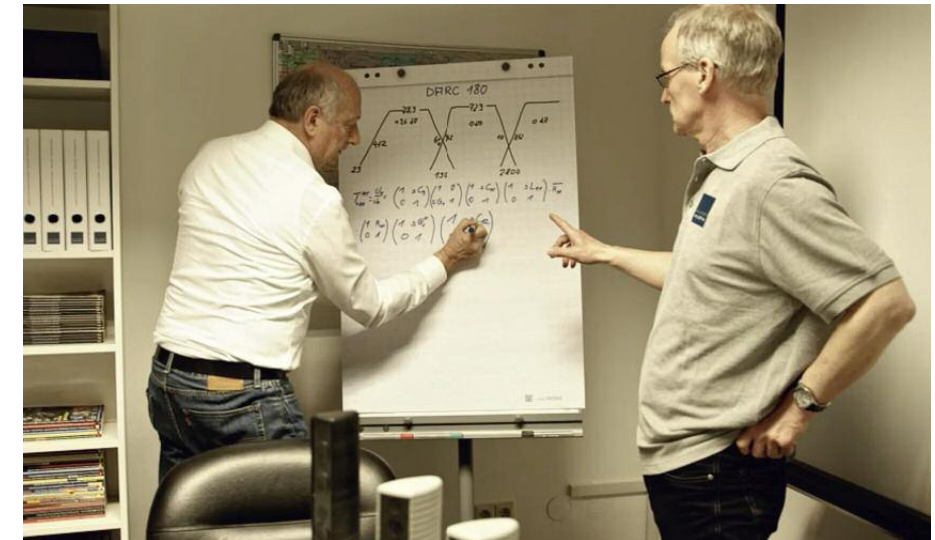
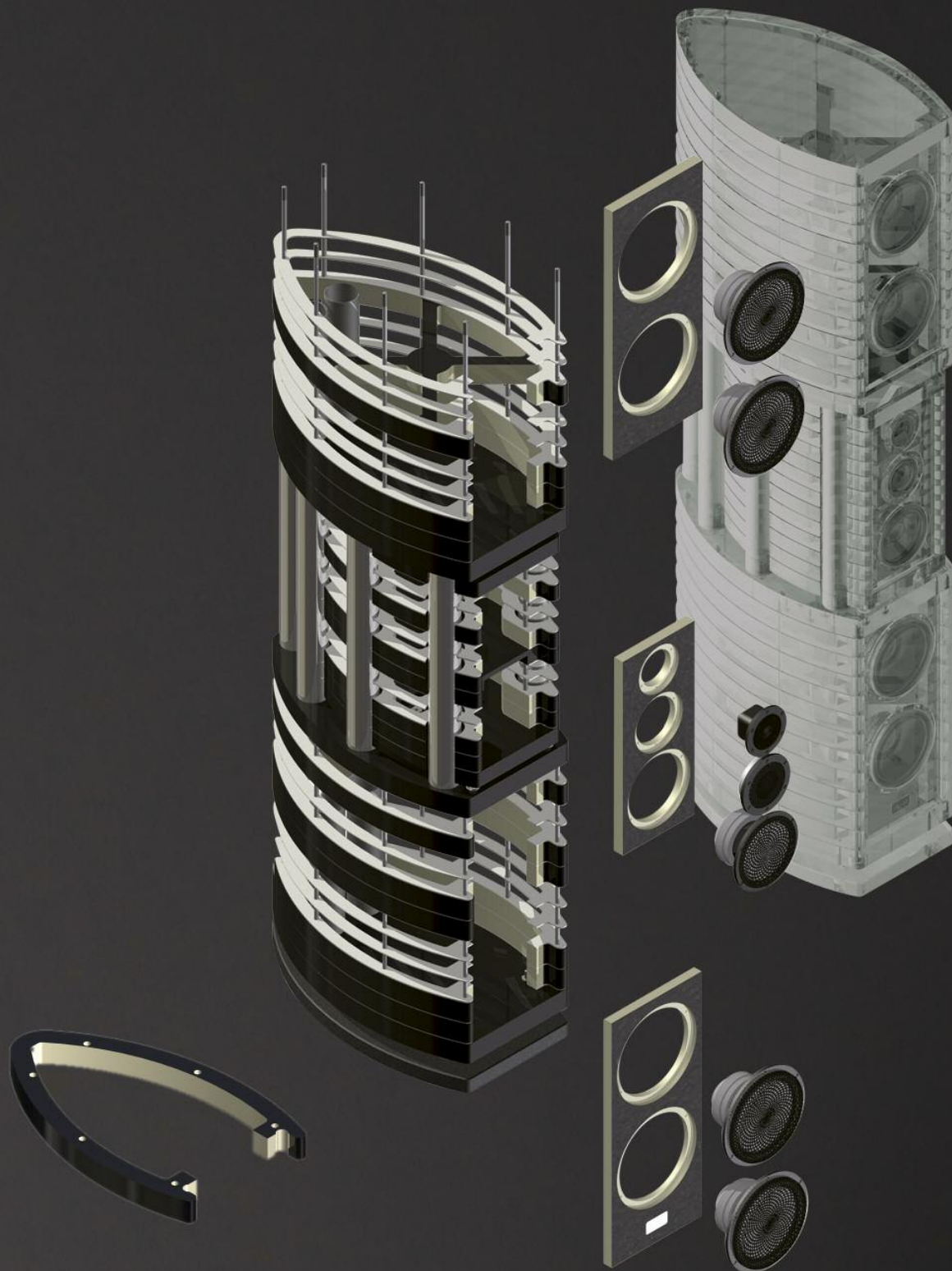
GERMAN
ENGINEERING
UNIQUE LOUD-
SPEAKERS



GAUDER AKUSTIK –
THE FINEST LOUDSPEAKERS IN THE WORLD

- Developed on the basis of mathematical skills
- Most innovative technologies
- Noblest German components
- Carefully manufactured in Germany
- Broad Portfolio
- Unbelievable Sound

AND MUCH MORE...

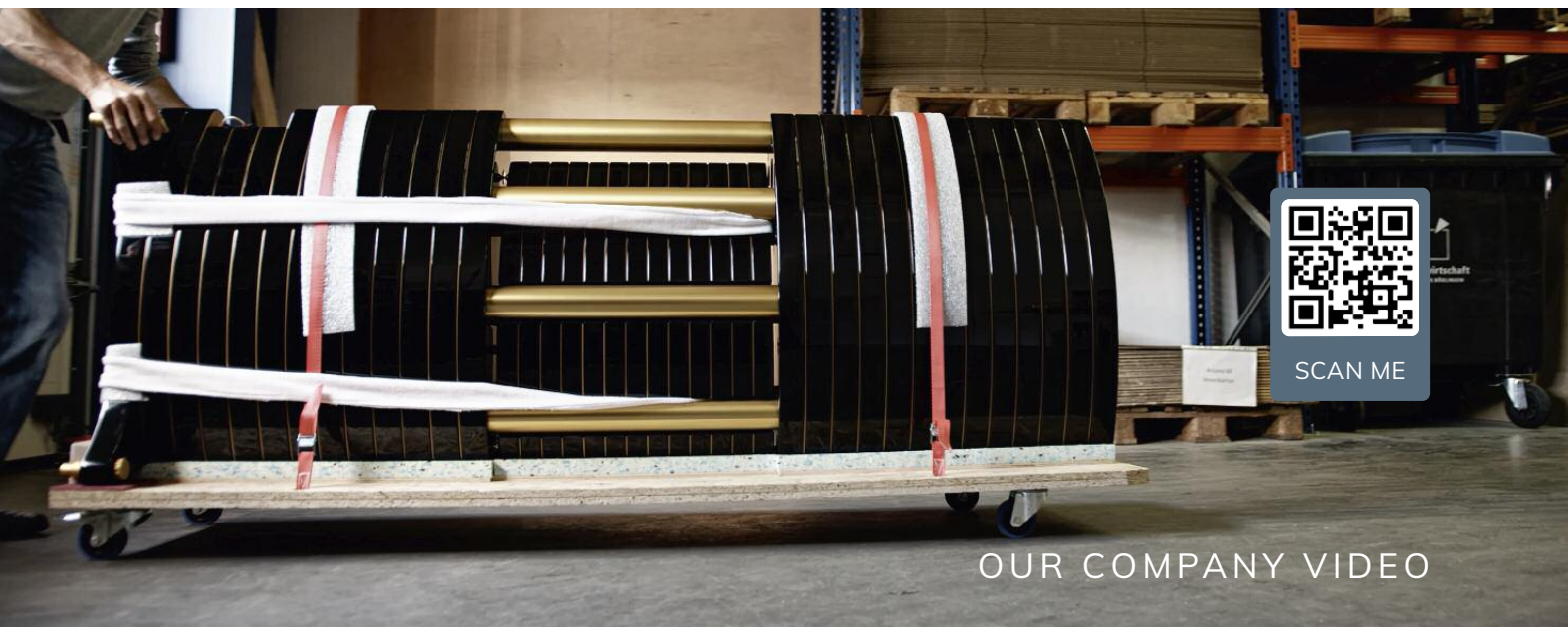


FROM IDEA TO PRODUCT

Learn more from our YouTube-channel about our loudspeakers, physics, HiFi in general, room acoustics and loudspeaker building. Dr. Gauder explains all secrets in detail. Now you know why Gauder Akustik is unique in the world.

[YouTube.com/gauderakustik-channel](https://www.youtube.com/channel/UCgauerakustik)

CONTACT



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