

**The** Loudspeaker specialist  
for over 55 years



# Company portrait



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## Our success story

**VISATON is Germany's leading specialist loudspeaker company.**

Ever since our company was founded in 1968, our highly accurate, specially manufactured loudspeakers have been in great demand. Thanks to our wide-ranging product programme and our ability to develop suitable special solutions, we are successful worldwide today.

We work every day to elevate acoustics to a new level across a wide variety of applications – in industry, on ships, in public transport, museums, motorhomes, or in your private home.

Type **Family-owned**

Foundation **1968**

Experience **> 55 years**

Head office **Haan**

Standard items **> 550**

OEM items **> 900**

Employees **> 60**

Local space **15000 m<sup>2</sup>**

Industry clients **> 85%**

Certified **ISO 9001**





# Our broad product range – your opportunities!

As specialists for loudspeaker technology, we are the right people to find the best answers to all acoustic questions. In addition to our broad range of products, we primarily develop solutions for individual public address requirements. This is why both industrial and private customers worldwide have trusted the VISATON name for over 55 years.

**Our impressive product range serves various application areas, some of which are explained below.**

**VISATON is a strong partner for the industry –** we equip rail vehicles, commercial vehicles such as lorries and buses, construction vehicles and agricultural machinery and even ships with the loudspeaker technology appropriate to the task – at consistently high quality standards, because we are certified according to the ISO 9001 standard.

**Exciters** are structure-borne sound converters that can excite surfaces made of different materials and therefore function without a diaphragm. Attached to the back of walls and panelling, they become invisible speakers and are thus protected not only against vandalism but also against other environmental influences.

In the **maritime** sector, we offer attractive loudspeaker solutions for cruise ships, merchant navy ships, river boats, military vessels and leisure boats. Our products meet demanding requirements, both on deck and in the interior. Because we know that no two ships are the same.

We also deliver customised **PA loudspeakers** for hotels, shopping arcades, schools or hospitals – for the best sound results with electro-acoustic systems.

Our dipole flat-panel speakers are specially developed for bus & railway stations and represent a **revolution in passenger sound systems**. They ensure clear, intelligible announcements in stations and on platforms and, at the same time, protect residents from unwanted noise.

Whether for hobbyists building their own individual loudspeaker cabinets, or for professional manufacturers of ready-to-use speakers, we have the right chassis for **HiFi- and High-End Applications**.

For **professional sound** reinforcement at events and concerts, we offer loudspeakers for powerful stage monitors and musician's amps.

A wide range of **accessories** completes our portfolio. We offer a variety of grilles and sealing rings, bass reflex tubes, crossovers and components, replacement diaphragms, 100 V transformers, amplifiers, terminals, and much more.



We offer you an insight into all our articles with their specifications on our homepage!

[visaton.de/en/products](https://visaton.de/en/products)



## Industry



## Exciter



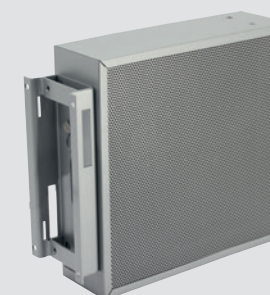
## Maritime



## Public address



## Train stations



## Professional Audio



## HiFi · High-End



## Kits



## Accessories



Thanks to the best planning and large in-house storage capacity, we score with high availability of our wide range of standard items.

## Warehouse Haan



# Applications in a wide variety of areas

The possible applications for VISATON loudspeakers are almost unlimited and extend across the industrial sectors, e. g. for rail vehicles, commercial vehicles such as trucks or buses, construction and agricultural machinery, the marine sector (yachts to cruise ships) and the aviation sector.



Every day we do our best to raise the sound quality of our customers to a new level – yours too!



## Sound for winners

Spin the roulette wheel, play pinball or go for the jackpot on the slot machine: modern slot machines offer plenty of entertainment. Manufacturers focus on a rich, clear sound in addition to large touch displays. It is, after all, important to stand out in the casinos and gambling halls of the world.

Jackpot! VISATON speakers provide the rich sound for an unforgettable gaming experience.

## On the high seas

Use in maritime environments makes extreme demands on the performance characteristics of loudspeakers. On the outside deck of a ship, the technology has to be able to cope with the weather. Inside, space-saving, easy-to-install systems are required, and these must have good sound qualities.

Our optimally developed products are used in a wide range of applications in leisure and cruise shipping, commercial shipping and the military sector.

## Loud and clear

We've all experienced this scene at train stations: suddenly everyone starts moving and the crowd surges to another platform. To ensure that everyone really does hear the platform change announcements, loudspeakers from VISATON are in use at many stations in Germany.

Over 50 railway stations in Germany are already equipped with dipole loudspeakers from VISATON.

## Earthy sounds

Sound systems are also becoming increasingly important in agricultural machinery – especially since the driver's cabs are now so much better soundproofed.

The correct positioning of loudspeakers in small cabins plays a decisive role – the VISATON experts know exactly how to avoid installation errors and loss of sound quality.

## Vital signs

Medical devices emit important signals and warning sounds that are essential for both doctors and patients. In order to provide medical personnel with the best possible support, VISATON manufactures loudspeakers for a wide range of equipment.

Monitoring is all about error-free identification – in case of doubt, vital signals within seconds.

## The sound of holidays

Enjoying the best sound while on holiday – something that people travelling in a motor home do not want to do without. For many years, VISATON has been a by-word for top-quality sound in the smallest of spaces and has equipped numerous motor homes.

Space is the biggest challenge when it comes to speakers in mobile homes. Here we manage the conflict between the wishes of the designers and the needs of the acoustic engineers.

## The indestructibles

These are so taken-for-granted, we hardly even notice them – loudspeakers in buses, underground trains and trams are very popular products. They have to withstand a lot, and the announcements and warning signals should be clearly recognisable.

We find optimal solutions for the requirements of acoustic products in public transport – these loudspeakers should have a long service life, require little space and be protected against dirt and vandalism.

## Flawless communication

Whether emergency call systems or service systems, passenger information or entertainment – thanks to VISATON loudspeakers, travellers are always well-sounded.







VISATON speakers ensure perfect acoustic communication.











# Speakers of all kinds – we offer design variety

Speakers are available in a number of sizes and with different looks. It is important to understand that form and function must always be precisely harmonised.

VISATON offers the complete portfolio.

|                    |  |  |   |                     |
|--------------------|--|--|---|---------------------|
| Fullrange systems  |   |   |   | Dome midranges      |
| Woofers            |  |  |   | Dome tweeters       |
| Bass midranges     |  |  |  | Re-entrant horn sp. |
| Cone midranges     |  |  |   | Horn midranges      |
| Cone tweeters      |  |  |   | Horn tweeters       |
| Miniature speakers |  |  |   |                     |

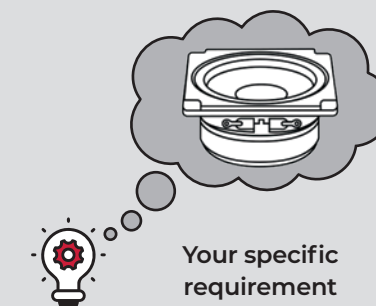
|   |   |   |  |   |
|---|---|---|--|---|
|  |  |  |  |  |
| Magnetostats  | Coaxial speakers  | Exciter   | Cabinet speakers   | Buzzers   |
|  |  |  |  |  |


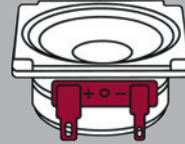

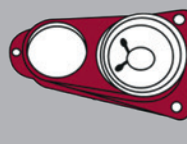
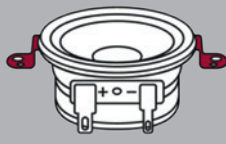
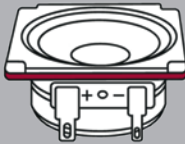

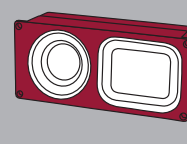
» We see ourselves as **the** problem solver for your technical and economic challenges!

# Customized solutions

Individual requirements are our speciality.

This means that we can adapt our loudspeakers to all necessary conditions, as illustrated by the following model FRWS 5:



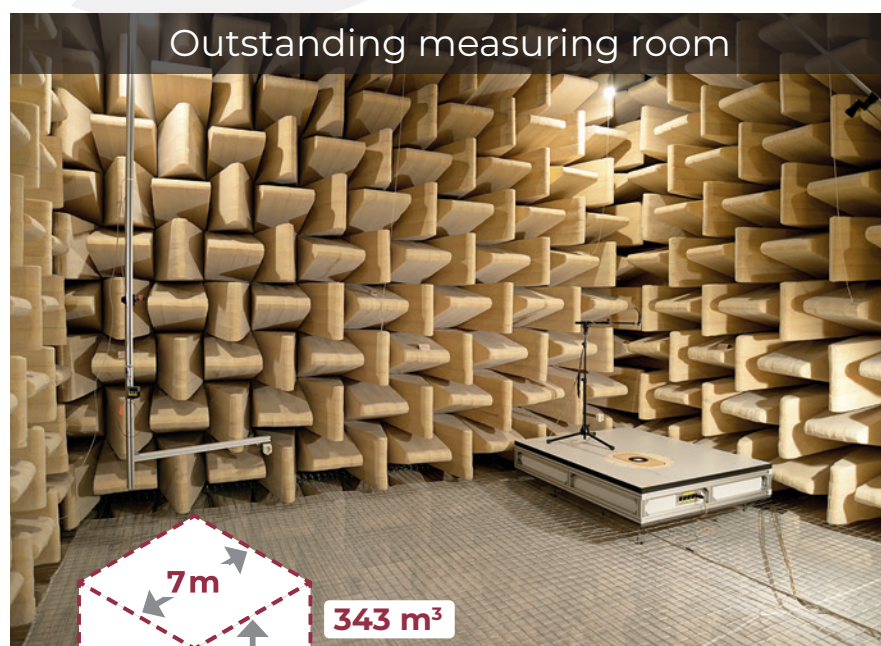
|   |   |   |   |
|---|---|---|---|
|    |    |    |    |
| different seal  | different terminal  | round basket  | special frame   |
|  |  |  |  |
| method of fixing  | additional seal   | round basket, wiring  | housing   |

» In industry circles we stand for sophisticated, individual special solutions. One model – endless variants!



# Top-class technical in-house equipment

Our engineers have access to a wide range of state-of-the-art equipment in our premises in Haan. We place great importance on the ability to work independently, save time, operate cost-efficiently, and innovate using these measuring systems and tools.

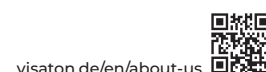


Outstanding measuring room

## Ultimate size

Our anechoic room, 7 x 7 x 7 metres (clear internal dimensions), is one of the largest measuring rooms in the international loudspeaker industry.

It is lined with 1.05 metre long non-reflective wedges and provides the best test conditions. Due to the size of the room, measurements can be taken at the usual listening distance of three to four metres.



visaton.de/en/about-us

## Best laboratory conditions

Extremely reliable and efficient, our "Klippel" measuring system enables state-of-the-art, comprehensive production control. This ensures consistent quality and high series consistency.



"Klippel" measuring

# Well-founded expert advice

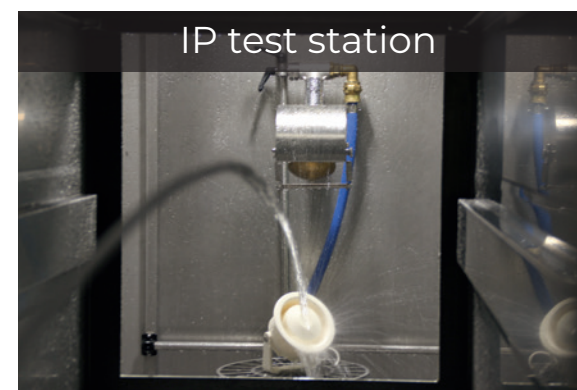


Thanks to state-of-the-art measuring technology and the expertise of our engineers, we always find a suitable solution at the highest quality level.



As a leading loudspeaker specialist with a wide range of products, a state-of-the-art development environment and a highly qualified team of engineers, our strengths lie in technical consulting and the implementation of solutions to customer-specific challenges.

Our team of experts will be pleased to support you right from the start with qualified advice and will provide outstanding service throughout the entire project. Since VISATON is fully active right around the globe, this service is available wherever you are.



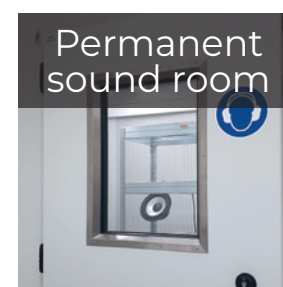
IP test station

With the IP test chamber, we can test our products according to various **IP protection classes** in accordance with standards without relying on external testing laboratories.



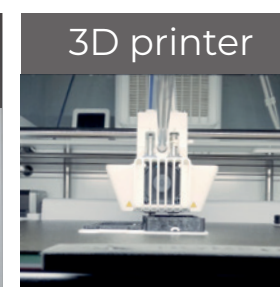
Climatic chamber

For **extreme temperature** tests, we use a special climate chamber in which loudspeakers have to withstand a temperature range of -70 °C to +180 °C.



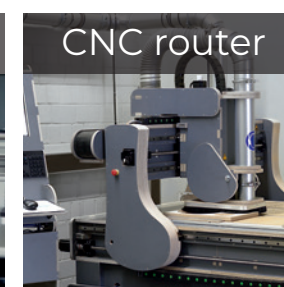
Permanent sound room

Soundproof booth for professional **long-term loudspeaker tests**



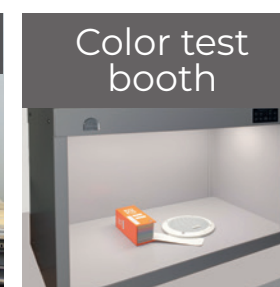
3D printer

Customised production of newly designed **prototypes**, e. g. loudspeaker grilles



CNC router

Production of **individual, customised wooden housings** with customer-specific dimensions



Color test booth

**Colour control** using various standardised light types



# **VISATON**<sup>®</sup> GERMANY

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**VISATON Imagevideo:**



since **1968**

