

*Technical Pie*



EXCLUSIVE SENSE OF SOUND

ZELLATON (Германия) |  
Акустика High End класса |

## TechnicalPie – *Exclusive Sense of Sound*

Команда **TechnicalPie** по-настоящему увлечена в первую очередь музыкой, а не торговлей!

Благодаря нашим, тщательно подобранным аудио компонентам мы найдём для вас свой собственный, космический по звучанию аудиоэлемент.

Ведь красивая музыка заслуживает это. Она по настоящему формирует нашу жизнь, трогает нас, утешает и обращается к нам всегда, как старый, добрый друг.

С самого начала мы не ставили перед собой цель создать типичную дилерско-дистрибьютерскую компанию, просто предлагающую аудиокомпоненты высокого класса.

Она изначально состояла в том, чтобы пригласить новых партнеров, друзей познакомиться с лучшими аудиобрендами на рынке мирового аудио, которые уже идеально подобраны для работы друг с другом.

Мы всегда максимально открыты построить с Вами отношения, основанные на взаимном понимании потребностей и желаний, а затем найти способ превзойти эти ожидания.

**Миссия TechnicalPie проста:**

**Быть местом, где наша единственная конкуренция это конкуренция с самим собой, какими мы были ещё вчера!**



*Все, предлагаемые нами аудиокомпоненты вдохновлены на самом высоком уровне красотой и научными исследованиями!*

**Александр ВДОВИН**

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ZELLATON®

THE LEGENDARY SPEAKER



*by Podszus*

# ZELLATON®

THE LEGENDARY SPEAKER



*by Podszus*

HANDMADE  
IN GERMANY



# THE LEGENDARY SPEAKER

*For more than 85 years, ZELLATON® has been the benchmark for lifelike music reproduction.*

Worldwide we use unique hard foam membranes in three layers, which are individually manufactured in the most elaborate manual work. The entire manufacturing process is comparable with the production of a very high-quality musical instrument and the lengthy procedure of tuning the instrument perfectly. Every loudspeaker is therefore absolutely unique!

**HANDMADE IN GERMANY**



**ZELLATON®**  
THE LEGENDARY SPEAKER



# EACH CHASSIS IS **ABSOLUTELY UNIQUE!**

## WHAT IS SO SPECIAL ABOUT ZELLATON?

ZELLATON loudspeakers with multi-component hard foam diaphragms, which for decades have not enjoyed absolute cult status for nothing. Due to a particularly complex tuning process, we have built an incredibly low partial vibration loudspeaker that can operate in the particularly important acoustic frequency band from 100 Hz to 8000 Hz without a full-range crossover component.

A sound speed that is second to none on the market. The music signal follows the input signal almost completely and reaches the output state many times faster than with other loudspeakers.

Musical, faithful music reproduction.



**ZELLATON**<sup>®</sup>  
THE LEGENDARY SPEAKER



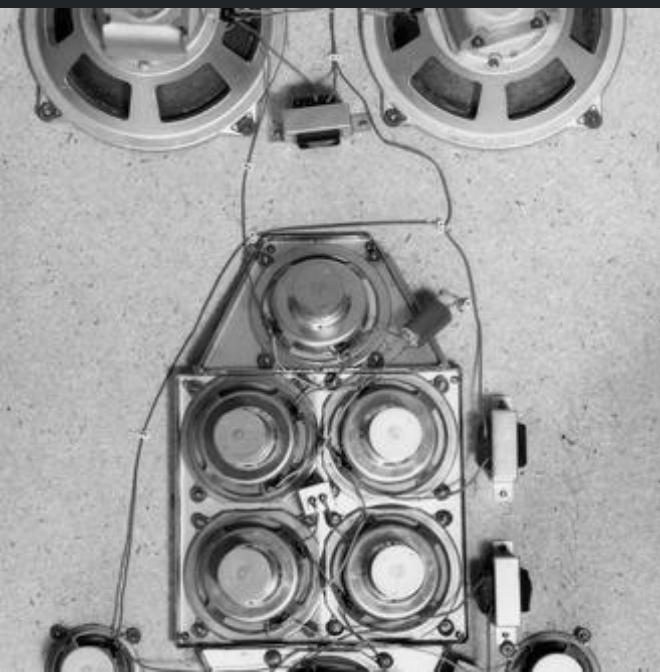


**DR. EMIL PODZUS**



**MANUEL PODZUS**

# ИСТОРИЯ КОМПАНИИ!!!



DBP. G.M.

**'ZELLATON'**  
Lautsprecher  
„Plural“

*Der neue reinere Klang*  
*/ Der Wunschtraum des musikalischen Hörers ...*

# KLASSIK SERIES

ZELLATON®  
THE LEGENDARY SPEAKER



LEGACY



STAGE



REFERENCEMKII



STATEMENT





## THE ONE-OF-A-KIND ZELLATON TECHNOLOGY

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The ZELLATON membrane has been the benchmark for true-to-life music reproduction for more than 75 years. The complex three-layer membrane structure overcomes the disadvantages of various systems from other manufacturers - with ZELLATON you will hear your favorite music exactly as it was recorded.

The ZELLATON membranes are individually manufactured by ZELLATON co-founder Manuel Podszus, involving a delicate and sophisticated manual procedure. They are exclusively used in the original ZELLATON systems.

The special ZELLATON hard foam membrane is characterized by piston-like vibrations far into the inaudible range, and thus it holographically conveys the aura of the music in three dimensions – this for the first time enables the reproduction of also the high frequency range. More than 30 years of development have gone into the current version of the high frequency speaker.

The manufacturing process itself is comparable with the production of a highest quality musical instrument and with the lengthy procedure of tuning the instrument perfectly.

All drivers from ZELLATON have a specially balanced membran. In an extremely time-consuming procedure they are individually tuned in the speaker housing.

This kind of "fine adjustment" is probably unique worldwide.

Therefore, each chassis is absolutely one-of-a-kind!

## ZELLATON - NATURAL BASS REPRODUCTION

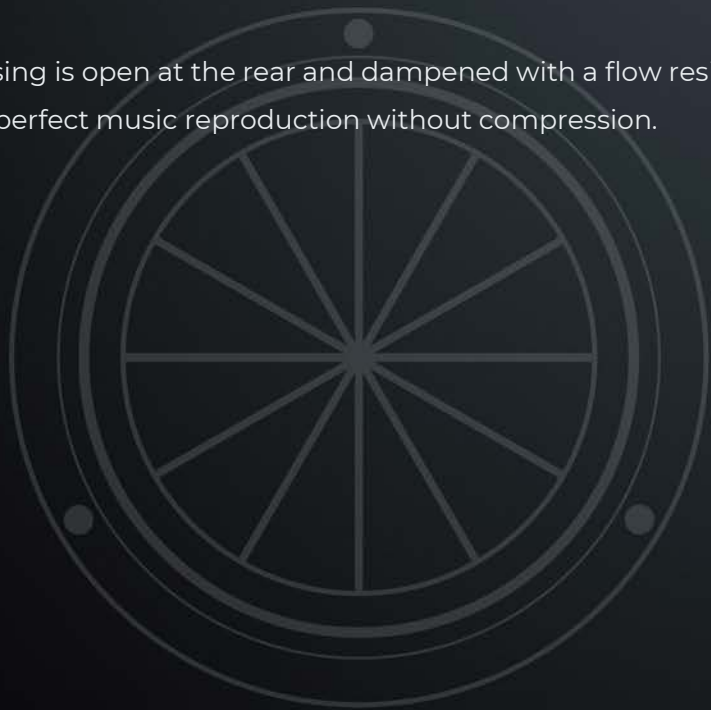
High efficiency and fundamentally low controlled bass reproduction are basically antipodes. All loudspeaker developers are confronted with this problem.

At ZELLATON we have chosen a solution that mostly overcomes the known disadvantages:

A small, extremely fast bass that guarantees the best impulse response and, unlike large diaphragms, blends in perfectly with the music.

Even bass runs of simultaneously playing instruments are reproduced precisely and true to detail as well as with extraordinary locating sharpness.

The housing is open at the rear and dampened with a flow resistance ensures perfect music reproduction without compression.



## HOUSING AND FINISHING

Our multilayered configuration and the housing's timeless design as well as the dedicated materials were selected in years of engineering work in our quest to provide our chassis with an optimal basis. The manufacture of the loudspeaker cabinet and the special multi-layer polyester coating resemble those of a grand piano, however with the decisive difference that this lacquer is much more durable than classical piano finish.

## ZELLATON FULL-CONE TWEETER

The production of an excellent full-cone tweeter is the greatest challenge in loudspeaker construction, which is why it is extremely rare on the market.

The ZELLATON tweeter with hard foam cone works up to well over 40 kHz almost without partial vibration.

In order to achieve this goal, each individual loudspeaker is tuned, which takes several days due to the drying-time of the finish. Extensive measurements are carried out after each production step. The coatings are applied partially until the result is almost perfect.

This is extremely elaborate manual work resulting in a truly outstanding sound.

ZELLATON®





LEGACY

# LEGACY

## 2-Way Reference Monitor System

Drive Units:

1 x 20 mm (0,8") soft dome tweeter

1 x 130 mm (5") full-cone mid woofer

1 x 200 mm (8") passive woofer

Impedance: **4 Ohms**

Frequency Response: **45 Hz - 38 kHz**

Sensitivity: **86 dB/1W/m**

Dimensions H x W x D: **36 x 23 x 27 cm (14" x 9" x 11")**

Net Weight: **~10 kg (22 lbs)**

Monitor Stand

Dimensions H x W x D: **64 x 23 x 35 cm (25" x 9" x 14")**

Net Weight: **~14 kg (30 lbs)**





STAGE



# STAGE

## 3-Way Floorstanding Speaker System

Drive Units:

1 x 40 mm (1,6") full-cone tweeter

1 x 180 mm (7") full-cone mid woofer

1 x 220 mm (9") full-cone woofer

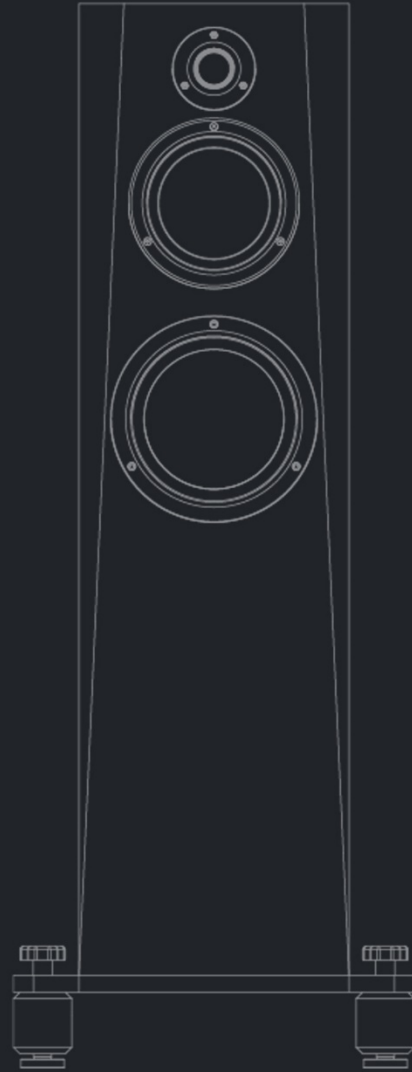
Impedance: **4 Ohms**

Frequency Response: **24 Hz - 40 kHz**

Sensitivity: **88 dB/1W/m**

Dimensions H x W x D: **118 x 45 x 64 cm (46" x 18" x 25")**

Net Weight: **~100 kg (220 lbs)**







ZELLATON

SCHNEEZINGER

ER

ZELLATON

REFERENCE MKII



# REFERENCE MK II

## 3-Way Floorstanding Speaker System

Drive Units:

1 x 40 mm (1,6") full-cone tweeter

1 x 180 mm (7") full-cone mid woofer

3 x 220 mm (9") full-cone woofer

Impedance: **4 Ohms**

Frequency Response: **22 Hz - 40 kHz**

Sensitivity: **90 dB/1W/m**

Dimensions H x W x D: **131 x 45 x 71 cm (52" x 18" x 28")**

Net Weight: **~135 kg (297 lbs)**





**STATEMENT**



# STATEMENT

## 3-Way Floorstanding Speaker System

Drive Units:

1 x 40 mm (1,6") full-cone tweeter

2 x 180 mm (7") full-cone mid woofer

2 x 280 mm (11") full-cone woofer

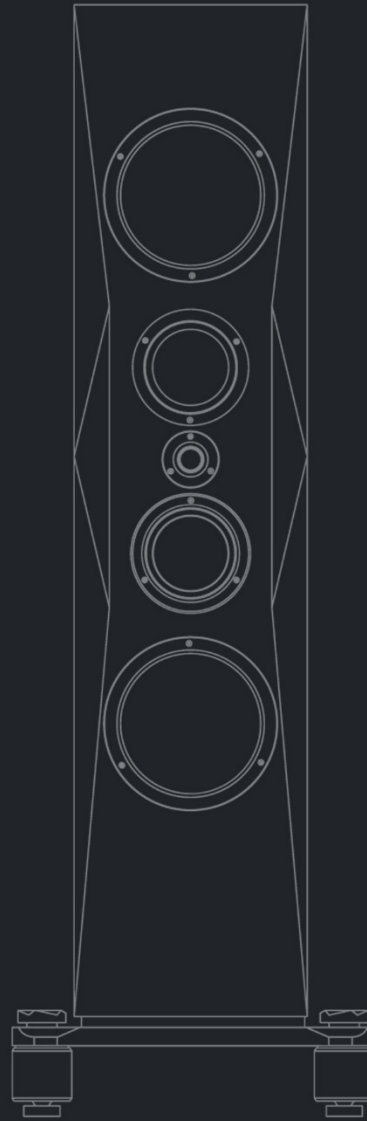
Impedance: **4 Ohms**

Frequency Response: **20 Hz - 40 kHz**

Sensitivity: **92 dB/1W/m**

Dimensions H x W x D: **180 x 60 x 90 cm (71" x 24" x 35")**

Net Weight: **~300 kg (661 lbs)**



# ZELLATON®

THE LEGENDARY SPEAKER



ZELLATON  
STATEMENT

ZELLATON  
STATEMENT

# EVO SERIES

ZELLATON®  
THE LEGENDARY SPEAKER



EMOTION EVO



PLURAL EVO



## THE UNIQUE ZELLATON TECHNOLOGY IN A BRAND NEW DESIGN

We have developed ZELLATON EVO Membrane based on the legendary hard foam membrane that seamlessly continues all previous tonal virtues.

The ZELLATON EVO membrane is the heart of our new product line and as usual performs musically at the highest level.

## THE NEW MEMBRANE

We have invested more than five years of development work in the new ZELLATON EVO hard foam membrane, which is unique in this form. A special sound-optimized surface structure reduces sound-impairing resonances to a minimum. With its multi-layer structure, it combines low weight with high rigidity and also has high internal damping thanks to the foam core.





## UNIQUE FEATURES ABOUT EVO SERIES

We have developed ZELLATON EVO Membrane based on the legendary hard foam membrane that seamlessly continues all previous tonal virtues.

The ZELLATON EVO membrane is the heart of our new product line and as usual performs musically at the highest level.

## SPEAKER HOUSING DESIGN

When determining the housing design, we took up not only the functionality but also the unique design language of our top model STATEMENT, which harmoniously combines design and technology and also continues our philosophy in the EVO series.

Thanks to a new type of sound guidance with a bass port that radiates downwards, installation close to the wall is possible without any loss of sound.



**EMOTION EVO**

# EMOTION EVO

## 2-Way Floorstanding Speaker System

Drive Units:

1x 30 mm (1,1") soft dome tweeter

1x 220 mm (9") full-cone low/mid woofer

Impedance: 4 Ohms

Frequency Response: 32 Hz - 34 kHz

Sensitivity: 91 dB/1W/m

Dimensions H x W x D: 110 x 33 x 41 cm (43" x 13" x 16")

Net Weight: 57 kg (126 lbs)









**PLURAL EVO**

# PLURAL EVO

## 3-Way Floorstanding Speaker System

Drive Units:

1 x 30 mm (1,1") soft dome tweeter

1 x 180 mm (7") full-cone mid woofer

2 x 280 mm (11") full-cone woofer

Impedance: 4 Ohms

Frequency Response: 23 Hz - 34 kHz

Sensitivity: 92 dB/1W/m

Dimensions H x W x D: 127 x 34 x 54 cm (50" x 13" x 21")

Net Weight: ~95 kg (209 lbs)







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*by Podszus*

HANDMADE  
IN GERMANY





TechnicalPie.ru

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