

# A Praise to Detail

It doesn't look like any other floorstanding speaker, and anyone who experiences Audio Physic's "MIDEX" will notice how much dedication it has been allocated. We've listened to it very carefully.

*Matthias Böde*

There are lots of good speakers around. But there are probably only a few as sophisticated as the Audio Physic Midex from the town of Brilon, located in Germany's Sauerland region. There they know long enough that the fiends of sound usually hide in the small things. And these are the personal enemies of designer Manfred Diestertich (photo), who stands up to them wherever possible and casts them out with sometimes unconventional solutions and with an almost stubborn consistency, culminating in many small things easily adding up to a surprising overall result.

In fact, the congenial detail fanatic lives up to it exactly in the right climate, trying out optimizations with devotion and almost childlike curiosity as well as scrutinizing firmly established doctrines by then quietly rejoicing when he once again has left his counterpart lost in astonishment with regard to supposed trivialities.

Indeed, his Midex comes up with a wealth of constructive features. Though not obligatory, the most striking feature of the approximately 112 centimeter high loudspeaker from Audio Physic's ambitious "Reference Line" is its optional glazed outfit, where glass panels reinforce the outer MDF enclosure.



The Midex is also available in matte and high-gloss veneers. In any case, individual chambers stabilize the interior of the speaker and keep the air pressure of both woofers away from the midrange driver. The duet encircles the chamber hosting the midrange and tweeter units, which is formed by layers of a honeycomb sandwich material of particular strength, and is vented through a narrow bass reflex port at the bottom of the baffle. In several locations, panels of hard and at the same time porous ceramic foam increase the stability without significantly reducing the internal air volume.

### Single-wired – that`s neat!

All of this is aimed at avoiding micro-vibrations, which is why, for example, the drivers, which for reasons of tonal homogeneity are all equipped with aluminum diaphragms, are not mounted directly to the baffle but are rather supported by small, vibration-absorbing beads on the head of the neoprene dowels with which they are fixed.

By the way, the drivers are identical to those used in Audio Physic's much more expensive Virgo III, but there they are arranged differently with the woofers located in the side walls. Those who assumed that the Midex, especially in its glass-panelled version, was more of a design product rather than a high-end loudspeaker, will be pleasantly disappointed. And if you furthermore learn that each of the three sections of the crossover is separately placed close to its respective driver, while they are equipped with – instead of the usual standard components – capacitors manufactured by ClarityCap in England according to the specifications of the Sauerland based company, you will be even more disappointed.

Further particularities are the dual-basket constructions for midrange and tweeter, where aluminum and plastic frames complement each other in their characteristics. Even the cable terminals of the drivers are decoupled via neoprene dowels. "This is clearly audible," Diestertich prosaically acknowledges on record and has put an end to yet another little sound fiend. Even the solid crossbars are flexibly connected to the bottom plate of the Midex via rubber buffers. And if you wish, you can exchange the supplied spikes for a set of eight of the elaborate "Vibration Control Feet", which convert random vibrations into defined tensile forces via their net mesh, helping to keep the sound image in order, and therefore find our explicit recommendation.

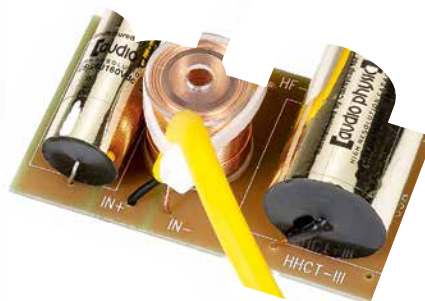
Just like the expensive „Nextgen“ binding posts supplied by the Essen-based contact specialist WBT, which are sonically clearly superior to conventional solutions, and which in the Midex' single-wire terminal are of course paired to WBT's decoupling "impact sound interrupters". Bi-wiring is not an issue for Diestertich, as he knows that the vast majority of listeners only operate a single high-quality speaker cable and that they would then have to face problems accordingly. However, if you want to operate the Midex in bi-wiring or even bi-amping mode, you can order it with a corresponding double terminal. All "singles" though are perfectly served.

Some of the technical highlights of the Midex are the multiple stiffened enclosure (right) with reinforcing ceramic foam panels in defined places (top left), the damped cable terminals of the drivers (bottom left) and the capacitors on the crossovers (bottom) manufactured by Clarity-Cap in England.



### RUBBERIZED

The solid crossbars – shown here with spikes – are connected to the bottom plate by means of small rubber dampers, which, according to the manufacturer, has a positive influence on the sound.





## TAKE COVER!

Who intends to cover the drivers of the Midex, at least temporarily, to protect them from ultraviolet rays or "unauthorized access", will find appropriate covers in the accessories pack, which can be easily exchanged for the normal front panels.

## TEST-EQUIPMENT

### Turntable:

Clearaudio Ovation/  
Talisman V2

### CD/Media player:

Luxman D-03X,  
T+A MP3100HV

### Integrated amplifier:

Audionet SAM 20SE,  
Cayin CS-150A

### Pre/Power amplifiers:

Accustic Arts Tube  
Preamp II-MK2/  
Amp II-MK4

### Loudspeakers:

DALI Epicon 6,  
Dynaudio  
Confidence 50

### Cables:

HMS Concertato,  
Silent Wire LS16  
MKII

## Living up to its name

Since its inception, Audio Physic has always been a byword for straightforward, nutshell-focussed loudspeakers, and more importantly, the company can be proud of having been the main driving force behind the rethink and progress on the way to genuine, timecoherent music reproduction.

This is the background the Midex has to prove itself worthy. And it works out! In Audio Physic's older history, there existed some models that were overdrawn on behalf of ultimate definition, certainly sounding bone dry and clear, but at the same time edgy and brittle. Today the Midex combines exemplary openness and finest detail resolution with smoothness and a surprisingly vigorous propulsive force, so that we right away moved them to those positions in the listening room where usually larger and in the lows more lavishly equipped speakers are to be found.

The Midex thus combines first-class all-round properties with an audiophile aura that renders nuances and intimated shades on the tonal scale as excellent as it both localizes and outlines individual instruments accurately in the broad spatial spectrum. Dynamic leaps arise like out of nowhere, the lows are wiry and buxom, but not at the expense of substance.

The elaborated performance of Audio Physic's Midex is shaped by an utmost lightness - thanks to its numerous sophisticated details! ■



WBT's "Nextgen" binding posts, the importance of which should not be underestimated, sit on decoupling "impact sound interrupters" made of rubber.

## Audio Physic Midex

**Price:** from 9,490 € (available in three veneers as well as in glass white or black, two high-gloss veneers or glass in four special colors for 9,790 € VCF II set of 8 for footer crossbars for 700 €)

**Dimensions:** 36x112x45 cm (WxHxD)

**Warranty:** 10 years

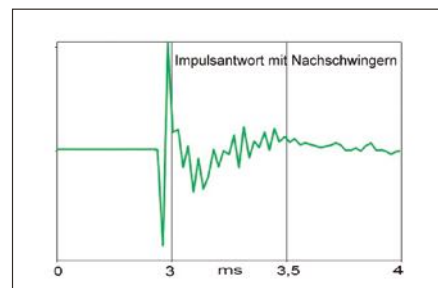
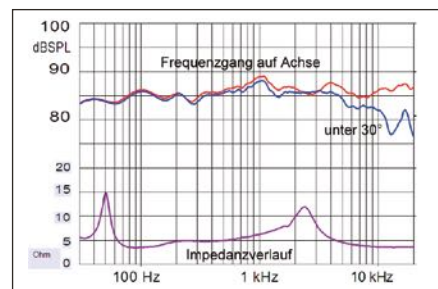
**Contact:** Audio Physic

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www.audiophysic.com

**With the Midex, Audio Physic introduces a loudspeaker designed to the last detail, which combines all-round qualities with an audiophile conception, worthy of the great name.**

## Measurements



<b>DC-resistance</b>	4 Ohms
<b>Minimal Impedance</b>	3,5 Ohms bei 80 Hz
<b>Maximal Impedance</b>	15 Ohms bei 50 Hz
<b>Sensitivity (2,83 V/m)</b>	85 dB SPL
<b>Powerrating at 94 dB SPL</b>	10,9 W
<b>Lower cut-off frequency</b>	-3 dB SPL < 30 Hz
<b>Distortion at 63/3k/10k Hz</b>	0,7/0,05/0,1 %

## Laboratory-Comments

Average efficiency with good-natured impedance behaviour. The Midex plays deep down in the lows, but is directional in the highs, which is why it has to be angled towards the listening position. Balanced, smooth frequency response, precise impulse response.

## Features

Single-wire terminal with WBT „Nextgen“ binding posts, height-adjustable feet

STEREO - TEST	
SOUND-LEVEL	91%
VALUE FOR MONEY	
★★★★☆	
EXCELLENT	