

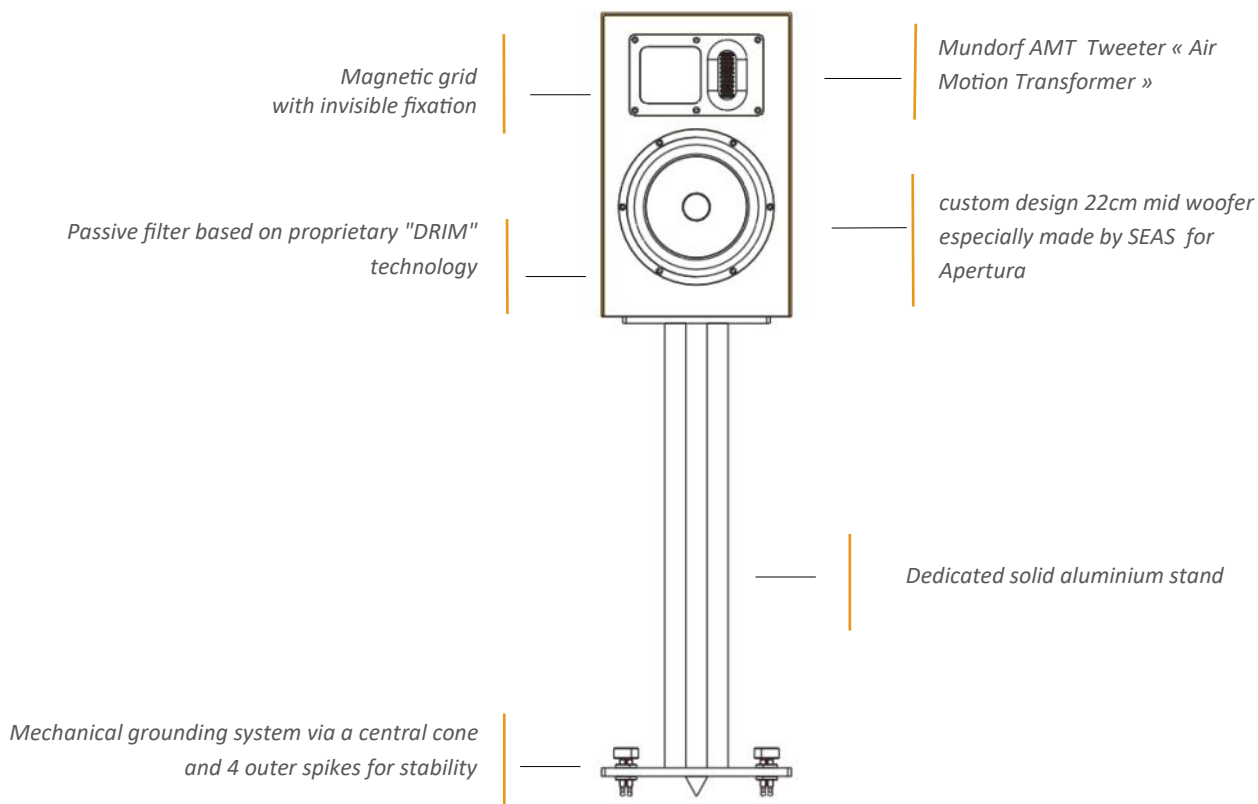
Kalibrator Evo



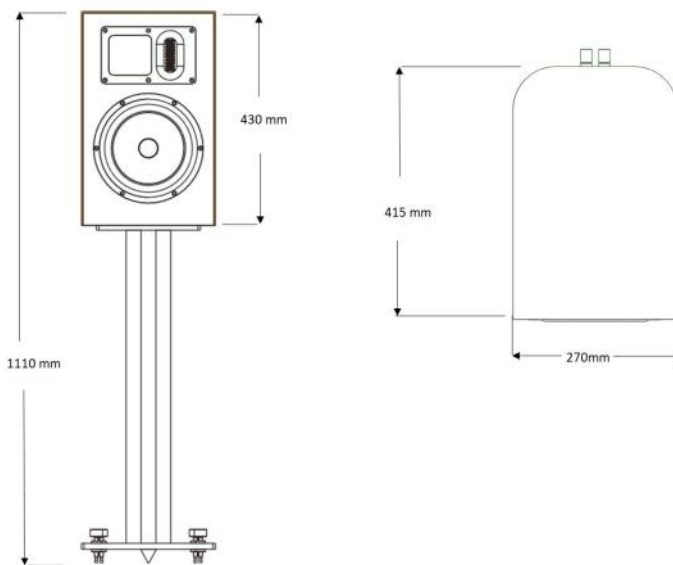
Product description

The new **Kalibrator Evo** carries on the legacy of its illustrious predecessor, **the Kalibrator**, released just before the turn of the millennium, which already offered multiple innovative solutions at the time.

The objective remains unchanged: to offer **a reference monitor speaker**, while benefiting from all the technical advances of the past 25 years.



Kalibrator Evo	2 way Stand-mount loudspeaker
Drive units	1x mid-woofer 22cm "Isotactic Matrix" 1 x AMT Tweeter 19x63mm
Frequency range (+/- 3dB)	37-30 000Hz/ +/-3dB
Sensitivity (2,83v/1m)	89dB
Nominal Impedance	8 ohms
Crossover Frequency	2.3kHz
Dimensions (H x W x D)	270 x 415 x 430mm (1110mm with stand)
Weight	37kg with stand



Finishes:



American Walnut
Highgloss



Black
Highgloss



Figured Maple
Highgloss



TECHNICAL SPECIFICATIONS

ENCLOSURE :

For this new cabinet design, we have aimed to maintain the **high level of mechanical construction** found in our other models, while keeping the most compact format possible. No compromise were made regarding panel thickness or the number of internal braces.

The vent tube of the bass-reflex loading has an optimized location as close as possible to the bass driver. That explains the port opening at the bottom of the speaker.

Due to the constrained internal volume, the internal damping treatments are highly complex in order to eliminate standing waves. These treatments combine three different materials and are applied to all internal surfaces as well as parts of the internal volume.

DRIVE UNITS:

The design remains that of a **two-way, two-driver speaker**.

The 22 cm bass driver is the same as used in the Edena Evo. This driver size remains very rare in this type of speaker, but it is one of the key elements of this model's performance. It features the "**Isotactic Matrix**" cone technology and a powerful Excel magnetic circuit. This driver is manufactured according to our specifications by SEAS in Norway, and is then modified in-house with the addition of a copper ring and a machined brass phase plug.

For the first time in the Apertura range, we are using an **AMT (Air Motion Transformer)** driver for the upper range. Although this technology is not new, it has made tremendous progress in recent years and now rivals our favorite ribbon driver technology.

This Mundorf AMT tweeter is mounted on a massive machined front plate with a short horn loading. As with our other models, the tweeter is offset, and diffraction is damped using a piece of wool felt.

CROSSOVER:

As usual with Apertura, the crossover uses the "**DRIM**" technology developed by Christian Yvon. Only high-end components from Jantzen are used, assembled on a thick printed circuit board. The solid copper, silver-plated binding posts accept both banana plugs and spade connectors.

STAND:

It is impossible to extract the full performance of our new speaker without a stand that meets the **highest standard**. Unlike what is too often seen, no MDF or hollow tubes (damped or not) are used. Instead, we have chosen machined aluminum, with two very thick vertical elements. This dedicated stand for the Kalibrator Evo weighs **no less than 17 kg**.

Based on the principle of a central vibration evacuation point, the Kalibrator Evo stand rests on a **steel cone** placed at the speaker centre of gravity. The four peripheral spikes serve only for stability.

*Its 2-way / 2-driver configuration with decent sensitivity, and a nominal 8 ohms impedance allow the Kalibrator Evo to be paired with **a wide range of high-quality electronics**.*

