

APERTURA Edena Evolution

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🕒 15 octobre 2020



Origin: France

Pregnant Column 2-way / 2

Charging Speakers: bass-reflex

Sensitivity: 89 dB /

2.83V **Impedance:** 8 ohms

Frequency response: 35

Hz to 30 kHz - 3dB **Cut-off frequency:** 2.8 kHz



The Musical Garden of Eden

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For connoisseurs of the **APERTURA** brand, **EDENA Evolution** is the heir to a series of speakers such as Tanagra or

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While the conceptual philosophy is based on the same principles as armonIA, the EDENA Evolution is intended for higher-performance audio systems and also for larger listening pieces.

EDENA Evolution has benefited from the latest acoustic research conducted by **APERTURA** for many years.



This model incorporates the distinctive design of the brand with two curved flanks and non-parallel front and rear sides, as well as the lamellar construction consisting of thin layers of 3-millimeter medium glued and hot-pressure form - the aim being to create break modes in the material and mitigate the propagation of vibrations. There are no parallel faces (except above and below) to minimize the surface area of the most emitting panels (back and top/bottom).

As usual at APERTURA, every detail counts. The manufacturer has made sure to double the thickness of the most requested panels and the EDENA Evolution. As such, it benefits from an internal internal structure that is internally internally rigidized and the structure created very specific areas in the sensitive places where treatments are applied. Five thick internal pairs contribute to the rigidity and partitioning of the cabinetry.

To process internal volumes and control any form of stationary waves, APERTURA has selected no less than four types of damping materials of different origin on the internal walls and in the dissipation of the stationary waves of each cavity of the enclosure.



This uncompromisingly rigidity box rests on a pair of adjustable feet with spikes with double-pitched nuts and above all a central vibration drain cone placed in the axis of the centre of gravity. The four complementary aluminum feet mounted on two transverses of the same metal serve to ensure the stability of the acoustic enclosure and avoid any

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tipping of it. These feet are individually adjustable. Depending on the position of the listener, it will be possible to obtain a slight inclination of the acoustic speaker in order to obtain a listening in the optimal axis.



The EDENA Evolution is a two-way speaker - two bass-reflex-charged speakers. Its decompression vent is placed in the back at the bottom of the cabinetry above the two HP boundaries. It is recommended to move each enclosure away from the rear wall and reduce any area of turbulence caused by an unsuitable location.

The high frequencies are entrusted to a tweeter with a "pinched" ribbon in large metallic polymer, identical to that of the Armonia Evolution. It benefits from a large emissive surface, a negligible mobile mass and a powerful neodyme FerBore magnetic field.

Next to the tweeter, a felt surface is glued to control any form of diffraction; a detail that is of all importance.

Originally SEAS and made on specifications for APERTURA, the 22-centimetre-diameter bass-medium speaker adopts an Isotactic matrix membrane (wetting coated polypropylene blades), light and well cushioned. Its long mobile coil allows a maximum linear range of motion, animated by a powerful magnetic circuit. This bass/medium speaker also benefits from a mechanical locking of its breech.

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The boundaries do not allow bi-wiring or bi-amplification. They are of very high quality and made specifically for APERTURA. Particular attention has been paid to the choice of materials: pure solid copper, silver plated. You can connect to your amplifier using banana plugs, bare cable, or forks.

The filtering system uses proprietary "DRIM" technology, with triple mitigation slopes and phase control over the entire bandwidth. It has been specially optimized for this model and includes an original Jantzen inductive with self-amalgamating enamelled yarn and Jantzen polypropylene capacitors series "Superior" and "Silver". The proprietary OFC internal wiring is the subject of a 140-m hand-mounted copper circuit board. Perfectionism requires, APERTURA performs measurements of each speaker set (grave/medium and tweeter) before mounting and pairing/adjustment of the filter according to these measurements.

I thank the designers/directors of the APERTURA speakers as well as AUDIO FREQUENCIES - HIFI Nancy for making available to me this pair of acoustic speakers in order to carry out this listening test and make you enjoy the current test bench that results from it.

Listen and impressions:

The listening tests were carried out in an auditorium with the following material:

System No. 1



Preamplifier - Dac - MOON 390 network drive, MOON Neo 330A power block,
- AUDIOQUEST AES/EBU digital cable, [symmetrical](#) modulation cables s NORDOST Red Dawn,
HP AUDIENCE Ohno III and NORDOST Heimdall 2.

System No. 2



Dac - MOON Neo 280 D MiND
V2 network reader, MOON 600i V2,
AUDIOQUEST AES/EBU digital cable, S NORDOST Red Dawn [symmetrical](#) modulation cables,
HP AUDIENCE Ohno III and NORDOST Heimdall 2 cables.

For power sector: northOST QB 8 Mk2 bar, Lief Red Dawn sector cables from the same brand.

- **Dematerialized Excerpts Qobuz:** *The Last of the Mohicans - Film Soundtrack - Golden Brown - The Strangers - Take Five - Dave Brubeck Quartet - Marquess - Jacques Brel - Dance into - Omar Faruk Tekbilek - Jazz p-svenska - Jan Johansson - If I Should Fall with Grace with God - The Pogues - "Prodigies" by Camille Berth Pink Floyd - The shores of Loch Lomond (studio version) - Tri Yann - Café du bon coin - Tri Yann - Collaboration by the Modern Jazz Quartet with Laurindo Almeida - Portrait - Angèle Dubeau and pietà - Mademoiselle in New York - Lucienne Renaudin Vary - Nameless - Dominique Fils-Aimé - A Swinging Safari - Bert Kaempfert - Cécile etc...*

Apertura means opening

Take Five - Dave Brubeck Quartet



This has been a constant at APERTURA for 35 years: the French designer's acoustic speakers show a magnificent opening.

Edena Evolution is obviously no exception to this rule. But during this test, I noticed that sound reproduction had an increased behavior compared to other models of range and equivalent prices, especially of British origin.

Listening to *Take Five* performed by *Dave Brubeck* and his quartet, I witnessed a particularly natural musicality, devoid of caricatures. No veil masks the saxophone's tiny intonations. The sound of the snare and cymbals are amazingly bright, very pure and no less realistic. This precinct goes a long way in terms of instrument hijacking. I enjoyed the piano playing of a flawless rigor. Each note "vibrates" with punctuality and weight that show that the design and selected components play a decisive role in dosage.

The sound of the double bass is stunning. The analysis is really impeccably carried out on melodic follow-up. It is easy to perceive the veneer technique of each chord on the handle of the instrument and also the way in which the strings are pinched or, depending on the case, touched.

The Edena therefore has a real predisposition to make the music "breathe", to give it a soul, to communicate it to its listener without detours, without hiding anything of the whole substance of an extract rich in details and harmonics.

Edena is a musical Garden of Eden

Acute register and **medium - transparency** ↴

"Prodigies" - Camille Berthollet



Camille Berthollet's listening to *Prodigies* leaves us wondering, but not questioning the nature of the high and medium frequencies.

To savor the sound of a violin, we can trust Edena Evolution who will perfectly reproduce the silky yarn of the instrument, and also the multiple intonations that the instrument can take. Through this violin play, we see how this speaker heals and respects every hue. The fine reproduction is brought here to a very high level, without the form of stridence or other form of deformation.

The contact of the bow on the violin strings is absolutely amazing and I enjoyed listening to and even *rediscovering* in a new light *Vivaldi's Summer of the Four Seasons* as well as the *Concerto for Two Violins BWV 1043* by *Jean-Sébastien Bach*. I have happily witnessed a wide range of shimmering and fair colors. The richness of the timbres is based on crystalline transparency, which makes it possible to distinguish the substance of each desk of the orchestra that accompanies Camille Berthollet.

The filtering system developed has the effect of controlling any form of rupture between the medium and high frequencies. This helps to highlight all the nuances and the degree of resolution, which obviously is the trademark of the manufacturer who thus establishes its notoriety of this criterion. Also, I would describe the Edena Evolution as a real magnifying glass that emphasizes the tiniest details.

The multitude of information contained on a good recording is brought to the listener's attention in a playful and relaxed and "gripping" atmosphere.

↴ Serious register

Meedle - Pink Floyd



If the music a little more rock does not scare you, it will not destabilize the Edena Evolution either. The frequency of 35 Hertz announced by the manufacturer is not just an indicative value. This enclosure actually goes down very low.

The "double bass" that is the strength of *One of These Days* from *Pink Floyd's* album *Meedle* demonstrates that this enclosure ventures into the abyssal depths with great ease. The bass is well structured, firm, readable and ultra accurate. In addition, there are no blisters to be noted - Edena Evolution does not artificially add false frequencies to enlarge the line.

On the drums and more precisely at the bass drum, I found a consistent fabric supplemented by a lot of material. We are a hundred miles away from a gaunt reproduction. We will also appreciate the excellent seating and stability that show that the 25-centimetre speaker, implanted within the cabinet with well thought out internal architecture, plays a decisive role.

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More generally, Edena Evolution offers a low medium / serious controlled, totally fattened, not dry however, offering the breadth and depth adapted to selected musical excerpts.

The life-size orchestra at home

The Voice of The Trumpet - Lucienne Renaudin Vary



To tell the truth, the Edena Evolution is a column speaker that releases music. If the source, amplifier, and wiring are well chosen, you'll be at the forefront of an outstanding musical show because this speaker has true immersive qualities.

With its generous spatialization, this enclosure reveals the panorama of a "beautiful" and prestigious orchestration. Also, we can expect a well-arranged construction of the sound stage. The scale of the sound stage is obviously one of the many qualities of this version.

With the excerpts contained on *Mademoiselle in New York*, the show is alive: each shot is well in its place. Every inch of the sound stage is well documented. There is no gap between each group of instruments or instruments taken individually. This speaker opts for a precise positioning of each of them. The distinction between the leading instruments and the second- and third-rate instruments is obviously quite staggering. On some excerpts, I had the feeling of a three-dimensional reproduction due to a depth of field rarely encountered. The Edena Evolution, like all APERTURA speakers, favours the aeration of the sound message, which places itself at the opposite end of a confined reproduction.

Action, reaction

If I Should Fall from Grace with God - The Pogues



If you are looking for strong reaction abilities, for sure, this speaker can only make you in a good mood.

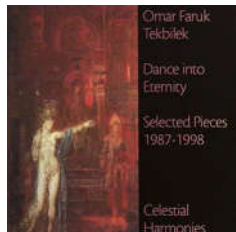
Faster than Armonia, the Edena is able to follow the frenzied and somewhat "crazy" rhythm of the band *The Pogues*.

It must be said that the titles of this album are not lacking in rhythm or originality. This speaker knows how to reproduce them with all the spirit and rigor expected. Dynamic abilities seem inexhaustible to me: this model handles impeccably all the "musical eccentricities" with great sagacity.

This acoustic speaker has a sponsor and can "climb fast in the towers" while maintaining an excellent fluidity; which is far from a general rule in the acoustics world. The impressions of a flawless frankness are undeniable at no time - the response on transients reflects the excellent behavior on complex and intense "passages".

Edena takes you by the feelings

Dance into Eternity - Omar Faruk Tekbilek



The Edena Evolution is a speaker that takes you by the feelings and takes you very far in terms of emotional sensations.

It is true that his analytical qualities related to the concept and the choice of embedded components play this role of intense communication between the interpreters and the listener.

As such, I observed that this precinct also had the gift of completely erasing the musical landscape in favor of music alone. You have to listen to *Ayasofya* or *Arset* on Omar Faruk Tekbilek's album *Dance into Eternity* to find out.

It's hard to imagine how much an audio system can stand out from another and bring the little extra that makes the difference. The Edena Evolution is one of those acoustic speakers that "binds" the musicians to the listener.

The flute playing takes on even more varied colors than usual. The musician makes the music breathe with a very particular movement of lips by playing on the beak of the instrument: this is very clearly understood. Percussions reason in the listening room with extraordinary purity and a material that is no less so.

The "flavours" of this style of music rich in harmonics are particularly noticeable on the game of oud, both precise and of remarkable beauty. The texture of the instrument is so natural that I would describe it as simply "mineral." The wooded and organic nature of this stringed instrument gives this rare feeling of happiness and fullness that belongs only to prestigious acoustic achievements.

**The Marquesas -
Jacques Brel**



It seems to me that Jacques *Brel's* album *Les Marquises* is an excellent test to delve into the musical philosophy APERTURA, more simply in a realistic atmosphere of musical reproduction.

Listening to *Marquises* and *the City fell asleep*, I can say that the communion between the artist and the listener is total. The interpretation, however divine, brings a real breath of fresh air to those who are sensitive to the poetry of the author.

The Edena Evolution is the link between the performer and the listener.

Marquesas is an excerpt that leaves you thinking, even dreaming. The untied and airy side of the orchestration clearly demonstrates that the music "breathes" in total harmony with the words of Jacques Brel. The diction, the phrasing, the absolutely exquisite joints leave no doubt about the faculties to "infuse" great moments of emotions. The staging of the orchestration also gives a lot of color and oxygen to these two songs.

Here, too, one can easily observe the well-defined place that each instrument occupies within the sound stage. For example, some projectors allow you to fully taste the subtlety and nuances of the oboe. It is also a great pleasure to hear a few harp notes that come hovering on both sides and pair with the guitar arpeggios that are enriched by a few flights of flute to form really pleasant contrasts. In the background, the "tablecloths" of violins are also light, airy, of remarkable purity and fluidity.



Conclusion:

Far from claiming a demonstrative character, the Edena Evolution is a neutral acoustic speaker, straight that delivers a prestigious musicality, "immersive" to say the least.

Very singing and "engaging" in nature, this column requires being associated with expressive systems. With Edena Evolution, I guarantee you will go from surprise to surprise, because this speaker has an outstanding musical fiber.



Price: 7890 euros per pair (10/2020)

*Listening test conducted
by Lionel Schmitt*



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