

ELAC 330.3 JET



In a nutshell ...

In / turer: [ELAC](#)

Category: [Speakers base](#)

+ **For:** Integrated character. Particularly balanced.

- **In:** Not like tube amplifiers.

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German lyricism

The surrender of the Germans in the industry is known, as is known and the quality of their products. This quality most often accompanied by a Gothic aesthetic approach is quite the fiery temperament of Latin or the minimalist view of Scandinavians. The Elac the design of 330.3 manages to show that the new German school-at least in the field of electro-succeeds combines elements from the three schools, creating a separate speaker.

The Elac is a company that needs no introduction. With a long tradition in the field of electroacoustic, is one of the most historic companies in the area. Its roots lie in the first decade of the 20th century and devices Hi-Fi old was only a part of its activities. The older will remember-save-the loudspeakers of famous heads and turntables, while in the course of numerous patents guarantee. Today he runs his own production line of loudspeakers and a large part of evolution, while remaining faithful to creating products made in Germany. At the same time manages not left out of the game competitive prices and offers a wide range of speakers. The 330.3 is top of the range 300 - consisting of base speakers - and is a corridor implementation speaker base two-way two loudspeakers but incorporates more than one element that differentiates it from traditional implementations of sort.

Description

The cabin of 330.3 made of aluminum profiles and essentially consists of a cylindrical section that houses the woofer and a rectangle that houses the tweeter. Aluminum also made the front and back of the speaker. The cabin of our test speakers were finished in silver color are available and two other types of finishes (titanium and white). The cabin speaker although has small width and height have sufficient depth so the effective volume of touching the 13lt. The woofer cone is 6.5 inches which is made of aluminum and has a sandwich form of an inverted cup. The magnetic loudspeaker system is designed according to the principles of the LLD-technology derived from the woofer xrisimopoiountai the top FS 609X-PI. Specifically, there are six neodymium magnets that create a very strong and homogeneous magnetic field in the gap that the voice coil moves. The voice coil is wound on a former and titanium has a very small height with respect to the height of the magnetic field. This achieves a linear path +-8mm, while the maximum stroke of the speaker is +-16mm.

The woofer chassis is molded and designed in such a way that in extreme situations to avoid hindering the movement of the cone. This method of construction ensures long stroke cone while maximum heat dissipation from



the voice coil and reduce parasitic eddy currents that increase the harmonic distortion. The tweeter is known design Dr. Heil as it has evolved over the years from ELAC. This tweeter is the third generation of evolution (JET III) where the folding of the membrane is very thick (width of each fold 0,84 mm) and uses neodymium magnets. Thus, each tweeter characterized by extremely smooth response and extended frequency response that reaches up to 50KHz. The cabin speaker coordinated through a hole with rounded edges to normalize the flow of air, while the ELAC gives two foam rollers (one that reduces the diameter of the hole and another in which the phrase) per speaker, with the help of which you can control the behavior of the hole resonance, thus matching the response of the speaker in the bottom of the spectrum requirements and your space. To crossover implemented in two modules, one for each handset industry, and uses good quality materials and top quality are the two pairs of speaker terminals.

Listeners

The 330.3 is not a speaker that requires time to 'know'. Instead, from the beginning shows his character, having excluded items not impress. He brings together all of the elements that characterize the good low-volume speakers (stereo image and homogeneity) but which combines with a more dynamic presence at low frequencies. Of course, the ELAC not "reinvent the wheel" to send endless low from a small speaker simply confirm that a good design with a woofer "tailored" to the requirements of the speaker designer can create a result that even at medium chamber is substantially creates the feeling that something is missing in the bottom of the range. Thus, in terms of area and volume at low frequencies, is unlikely to find another speaker with woofer and eximisari cabin in these liters gives more intense and comprehensive sense of yparchein at the bottom of the spectrum.

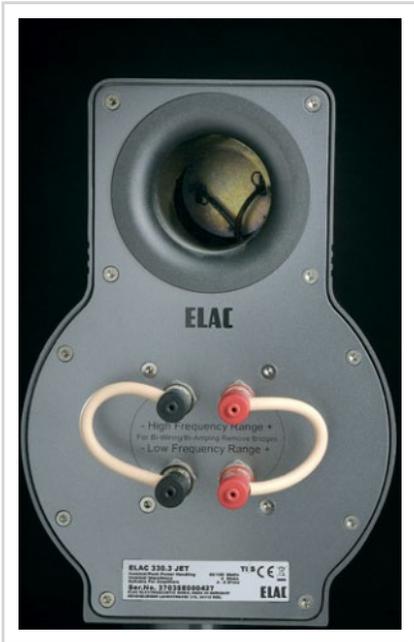
The extent and the pulse but low frequencies are not the only features that can make good or bad a speaker and know this well in ELAC as demonstrated by our comprehensive hearings. The low of 330 is not only impressive in size and volume but also has all the elements 'timing' and a posvesis that give a natural substance, while being very balanced in chamilomesaia area avoiding stressing the region around 100 cycles to impress. In a "tight" space surfaces with sufficient damping indicates "little" when placed away from the room boundaries (without using the "plugs" foam) while aided by the scale at the bottom of the range that characterizes in- conjunction with the dynamic character-attributes with excellent pace, naughty and great ease, even at high levels, almost always leaving only to acoustic bass, violin and organ will appear loss body without losing control or terminate the cone.



The background generated at low frequencies succeeds greatly afford volumes featuring large orchestras and only consideration for the sense of volume to provide 330.3 is that when the load in the low to content starts to compress relatively early, comparing it with older speakers. The sequel to mesochamili area is smooth and the speaker appears perfectly balanced across the spectrum, leaving some area coming forward or degrade another. The middle region of the body delivers eloquently singers and voices rendered particularly balanced, but come out ahead, and even in places where the orchestra plays all the proportions are maintained and monitored by the listener comfort singers and musicians.

Correspondingly the complexions of organs is vivid and has a sense of harmonic richness rarely seen in speakers

category, while the presence of individual institutions is clearly and without exaggeration as to the tonal performance and highlight the harmonic content. As civilized behavior is 330.3 in audio sets, equally detailed and sharp is the musical performance with a strong presence of electric and electronic instruments. Curt description, convincing fronts, strong sense of rhythm and energy across the spectrum show that the performance of even the most abnormal potentials are not a problem for the small speaker. The sequel to the upper end of the spectrum is



distinguished by a sense of undisturbed flow, while both the magnitude and the sense of air at high frequencies is impressive. The metallic percussion create the impression that sail through the air in a harmonious, while the notes on the piano impressively described, both in the forehead and to the harmonic content. As compensation for the tonal balance and the incredible feeling of air on high, the 330.3 is distinguished by a tendency not to highlight some little details that reveal some more "jagged" at the upper end speakers.

The stereo image is the striking dimensional scene and the ability of the speaker to disappear - anticipated largely due to size - but earns extra points so its clear description in all three axes and because of its ability to reveal the actual speaker the positions of music without disturbing the overall sound. In addition, they set up their tent in front of you 330.3 largely retains its characteristics even if you're not sitting in the correct position, witnessing a particularly homogeneous and widespread dispersion. In terms of driving 330.3 clearly show a preference for good semiconductor amplifiers, and a collaboration with lampates implementations (Melody Astro Black & Graaf GM 50 in our case) deprives 'gravity' low and feeling the wind on mesoupsiles,

varying the strictly weighed character design.

Finally

The 330.3 is almost a unique case of a small speaker (the other is the HA 325 Haliaetus but cost much more and has less volume), regarding the performance at low frequencies, while the remaining spectrum is distinguished by completely for the category, balanced character and a unique sense of air at high frequencies. So if you have a compact space and want uncompromised sound simultaneously and have some quality amplifier semiconductor, it can hear.