



In Hostivice near Prague established company Xavian belongs to the steadily growing and is so since the early 90s when Roberto Barletta company was formed. Today you but then one-man-show certainly did not know - employs a double-digit number of employees, exports its products to almost all continents and the catalog includes about twenty speakers, but also stands, cables and other accessories. In other words, the names Xavian become full-fledged manufacturer of high fidelity.

For sound Xavian always hiding feeling for music, softness and harmony, charming when reproducing non-amplified instruments by nature; but modern times call for perhaps a little more versatile shot, and other synthetic electrified sound is upon us everywhere. Perhaps partly from these motives in recent years in the production catalog Xavian appeared here and there a speaker, ořukávající world "universal" speakers. The result of development activities in recent years is then a series NEOX, therefore Neo Xavian.



This current series belong to the middle class and consists of (ie now) from the rack, and colonnaded central model speakers and a powered subwoofer. We had the opportunity to meet one nice winter morning with a higher tower speakers in a form labeled simply as NEOX2.

It is a speaker Orthodox rectangular shapes and compact construction. You might be in reality compared to photographs of surprise (to us at least surprised) how small they are NEOX2. It is a slender column width 18 cm, depth 25 cm equally slender and height 90 cm. With the construction of the 2.2 cm thick MDF weighs column already appreciable 18 kg, but still remains in the context of the "real" world and the common living area.

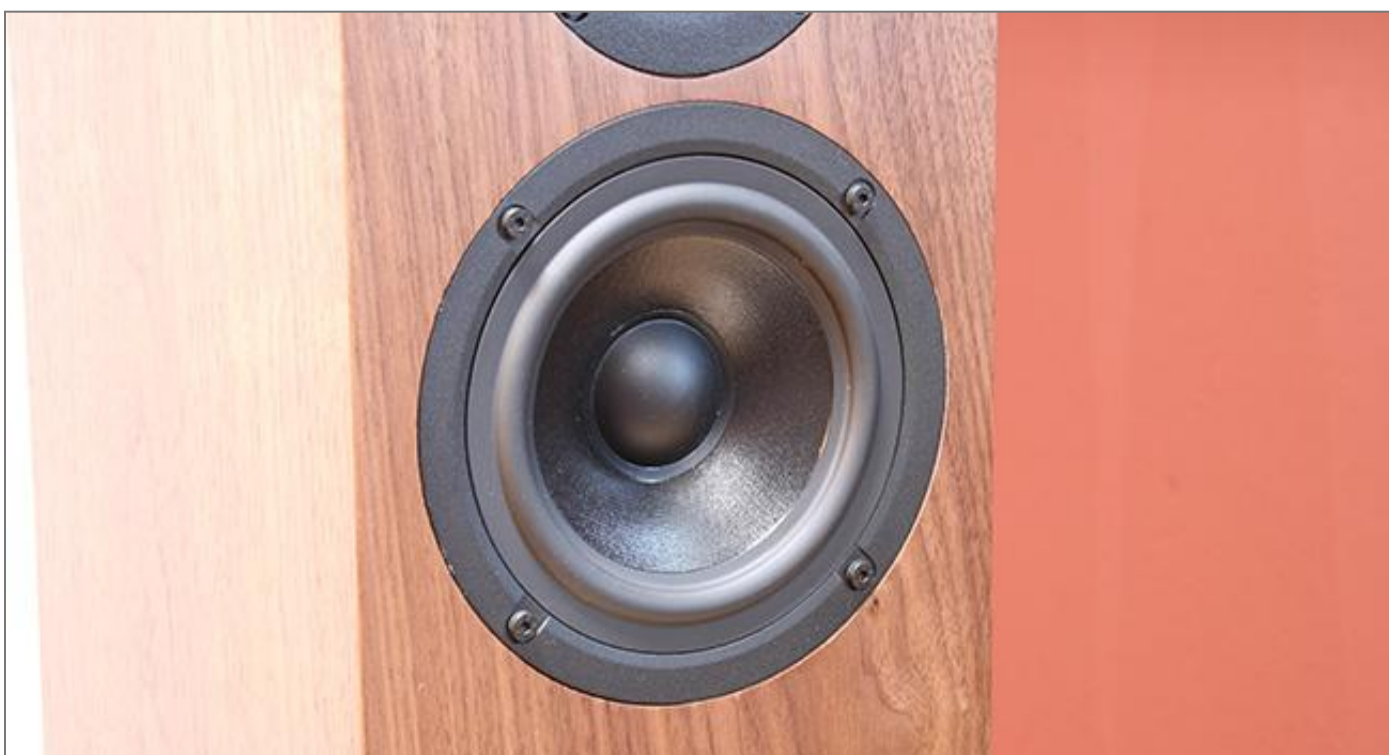


The exterior finish is traditionally beautiful, natural veneer and manual processing simply have their charm. On the front wall are three decent acting converters, to visually unobtrusive - dual woofer and tweeter one; NEOX2 are designed as 2.5 band. On the back side are recessed narrow aluminum sleeves bassreflexových holes. There are two, because the baffle itself is divided by internal partitions into three independent chambers. De facto so it is the NEOX1 with added bass section and hollow stand at the bottom - this can dump sand needed for increased stability. The manufacturer says that the size of the chambers is calculated in relation to the optimal inverter and each chamber has its reflex. On the back wall has a modern card with operating parameters - i feel this is a design shift from traditional leather belts from higher ranks. In addition poms and reflex, there is one pair of robust speaker terminals, manufactured directly XAVIAN.



A pair of lower inverters is completely identical; basket converters and technical basis of the production comes from the catalog of Scan-Speak, but the rest is in Denmark tuned according to the specifications Xavian. It should be a non-standard soft canopy or modified membrane with a diameter of 15 cm, made from impregnated paper. On the back side is also interesting vykrojovaná over its periphery, which apparently linearized response throughout the transmitted band.

The highest notes of the old classic impregnated textile kopulka 2.5 cm in diameter, embedded in a shallow canal. This drive is fully managed by the engineering team Xavian and manufactured in Italy. My own small working chamber and the drive system uses copper shorting rings.



Xavian NEOX2 be able to tolerance -3 db play in their dimensions decent range 42-20 000 Hz for. The lowermost converter operates between 42-250 Hz, medium from 250 to 2600 Hz and then handles the rest tweeter reproduction. Speakers are declared as 4 ohm characteristic sensitivity and achieves relatively high 89 db / 2V / m.



We listened Xavian NEOX2 in 28 m2 (though the whole space is divided by partitions only, so it has a de facto almost 100 m2) in the Hostivická mill, where the company is located. Their partners were Onkyo electronics -[CD Player C-7070](#) , optics connected to the D / A converter Hegel HD11 and analog goes into a big amplifier Onkyo A-9070, where the amplified signal wire leading [Xavian Mondiale](#) in speakers.



At that NEOX2 is actually quite compact column amplifier and powered it more adequately sized, able to conjure up quite a lot of bass. Will not overwhelm you, but you also will not miss - perhaps Liadovova "Baba Jaga" ("Crystal Cable Arabesque" | 2009 | Crystal Cable | CC200901) performed by Minnesota Orchestra under Eiji Oueho had a pretty rich, slightly softer, but decently controlled fundament. If you reach for even more authoritative electronics, more downloads and more concrete. Definitely undertones but were nicely rounded and very nicely blend in overall listening experience. NEOX2 not among the speakers playing spectacularly, their character is, you might say, "simply Xavian" - bas you so "neofoukne", but where they have greater tools have the fullness of a good foundation, there also have it.



For good bass scanned in "Cold Heart Col" Norah Jones is aware that his very lowest notes are a tiny bit less energy, but almost entirely to NEOX2 "fit", which is definitely a lot of praise. I know it was here that the appropriate time has sound weight. Traditionally "xavianovsky" great then the main vocal performer, clean, rich and simply beautiful. The whole middle band ever is soft, relaxed and very fine. The whole middle band is well understood, although not protruding above the rest of the spectrum.

We are very pleased in addition to unexpected heights bass as well - they are very rich and vibrant, yet has a plastically sure. Vibraphone in the album's title track, "Like Minds" by grouping Burton / Corea / Metheny / Haynes / Holland (2003 | Concord Jazz | SACD-1029-6) was clear, plain sheet breath and everything still played in its entirety rather kinder and more moderately.



On the compact column Xavian NEOX2 also offers solid dynamics - a large orchestra in a higher volume of course will need more, but we had a feeling that would facilitate the reproduction of Beethoven's "Ninth" by the Berlin Philharmonic under the baton of Von Karajan (Deutsche Grammophon | 429 036-2) literally something missing - yes, all the action is not sweeping, rather concentrated, but control is good and everything is very relaxed and feel that NEOX2 is not afraid to go into depth.

Xavian NEOX2 are truly underwhelming in style recitation, but their sound effects of a more natural and more organized. Very nice amount of information extracted from the speakers' Wild is the Wind "Esperanza Spalding (" Chamber Music Society " | 2010 | Heads UP | HUI-31810-02), without asking you in accordance with modern trends" cast ". Details depart forward in peace, in layers and very sophisticated and unpretentious. The sound is continuous and surely fuller than you would expect and the various tools around you have enough space. But when we turn down the volume on a very, very quiet level, it was clear that it behooves NEOX2 most at higher excitation - at least for a normal volume.



The proximity of the real, vivid music was evident from the reconstruction of spatial information in the recording. Again, the speaker does not demonstrate mathematically sophisticated analysis, but a holistic, interconnected compliance of all instruments. Localization is not bad, but more important, it appears the width of the left-right area, reaching as far as the speaker cabinet. All events take place not only in the left-right direction, but easily penetrates into the depth. It is not a sovereign depth highest corporate models in the sagittal space but do not lack clarity. Okay so i went live concert scene DeJohnetta, Metheny, Hancock and Holland's "Parallel Realities", like in the song "Indigo Dreamscapes" (1993 | Jazz Door | JD1251 / 52), where individual players each have their place and their tools have been well defined .



When we are surprised how deep NEOX2 embarked on Bach's "Tocatta and fugue" performed by Helmut Walcha ("Bach: Das Orgelwerk" | Archiv Produktion |

419 904-2). Breathing large church sound tool that you can breathe, small columns of course mediate, but feel there was sacred atmosphere, such as fullness, we can at all discernment with regard to price and physics from NEOX2 expect. Perhaps thanks to a little softer bass foundation you feel that you do not attack, but that embraces you. Anyway, the new Xavian listen comfortably.



Relaxed, unhurried recitation also helps impression fluency and overall well-being musical - "Not Too Late" Lindsey Buckingham ("Live at the Bass Performance Hall" | 2008 | Reprise | 9362-49903-1) is beautifully sweeping forward, nothing jostled and joyfully drained, listening was very relaxed and relaxing. NEOX2 due to its nature can easily listen to a very, very long time.



"Blue Monk" from the album Thelonius Monk Trio (2007 | Prestige | 0888072301641) showed a color very nicely brought the piano and cymbals as well as bass. Sometimes it feel slightly warmer administration, but everything went very decent spirit.

Pleasantly NEOX2 to cope with an average record - with "The Heat Goes On" from Asia ("Alpha" | 1983 | Geffen | 424 008-2) managed to convey Xavian also apparent plechovost cymbals and emotional flatness recordings, but because of its musicality so that irritate and tired of it. Recitation Xavian NEOX2 is probably not ideal for lovers of impact and blazing energy, but for those who want a long and pleasant to listen to your music, whether any, this tolerance treasure.

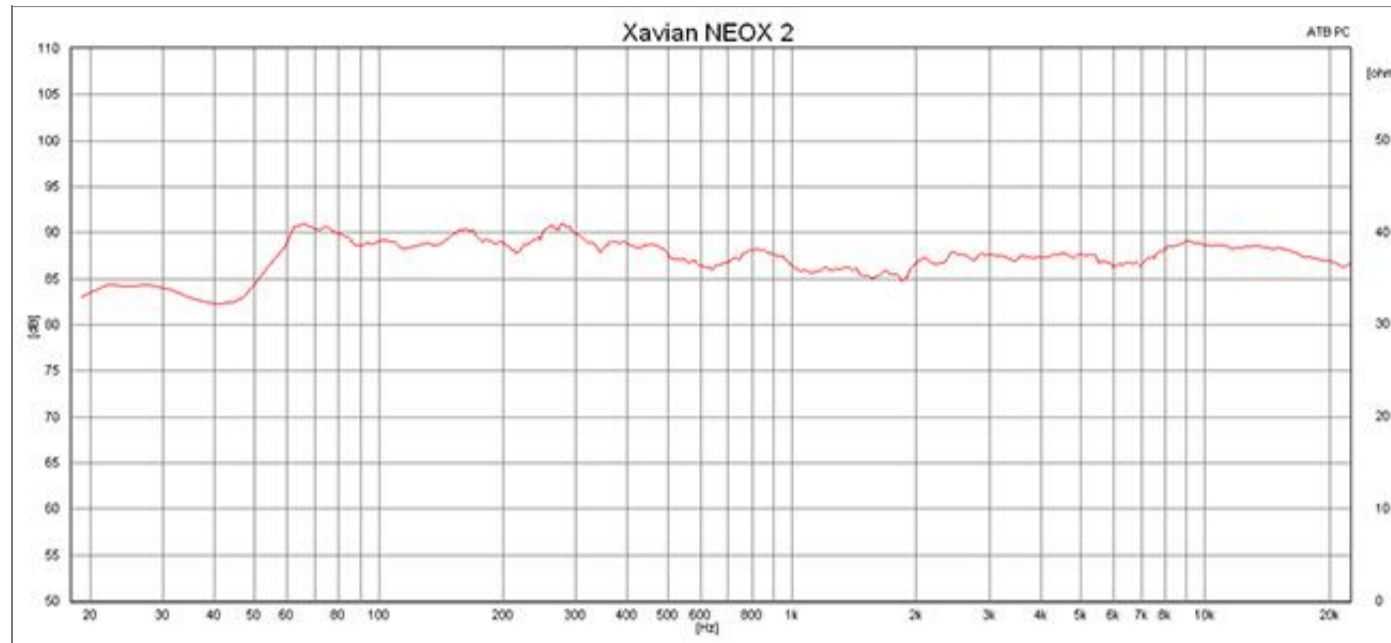


New posts middle class Xavian NEOX2 are not in the name of the promised new XAVIAN. They are, because of their processing is're getting, their sound is sophisticated and modern, one could perhaps say even more mature - indeed, as the designers themselves. NEOX2 then XAVIAN not new in that spirit, they are really well prepared and that their recitation gives space mainly music and no sound technical subtleties, which would direct attention to detail at the expense of the whole. NEOX2 still be appreciated that, at first sight a little hackneyed, normally active posts not quite large sizes can offer if not exactly great, so definitely

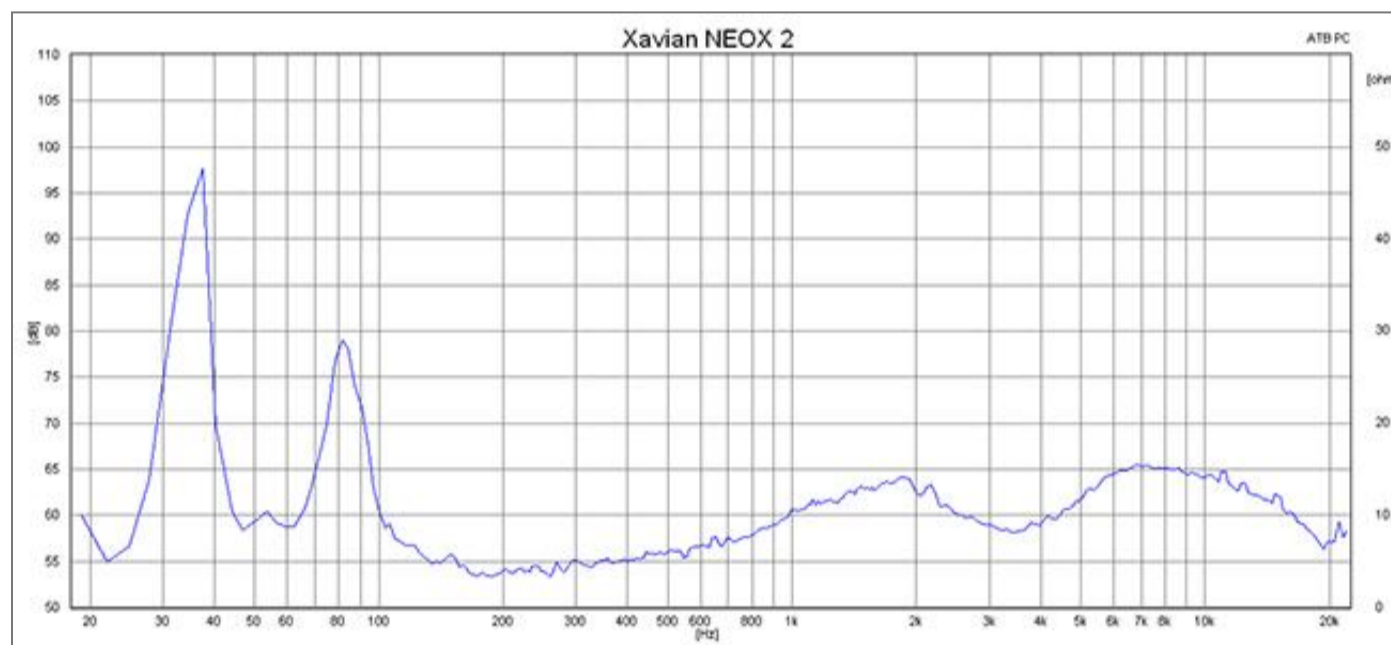
above average full and rich sound. What's more, it can work fairly well with cheaper electronics, which also is not at Xavian iron rule. Although it might not seem at first glance to secondary treatment at the gates of high end is Xavian NEOX2 include not only its price and processing, but mainly sound, evolving the traditional sound tuning that Czech firms, making them ideal partners not to hear the sound, but music ...

MEASUREMENT

Measurement of frequency characteristics was carried out in an enclosed space semireverberantní area of floor space 28 meters square. Space is not acoustically treated specially. Was measured using the software ATB PC Pro always five cycles at different times of the day chosen was always middle curve. All measurements were made on the above-mentioned report listening to consistently adjust the volume. Measured using PCM tracks of 44 kHz sampling frequency with 1/3 octave smoothing.



The frequency response curve is simply exemplary. Real onset of reproduction fully meets the stated 42 Hz, while the indication of the extent to 20,000 Hz, as measured by the very conservative. Considering that it is a classic top heading does changer "hold" without a drop in energy apparently beyond this level. The chart also shows slightly, but really only very slightly richer deeper tones up to about 300 Hz. In the context of the speakers 40-50 000 - but the curve is "straight as a bullet."



The impedance curve is also relatively mannered, never falls to dangerously low levels. Over the top somewhere near the 15 Ohm not the management NEOX2 no problem, the curve is simple and fast transients big differences. Artifacts below 100 Hz oscillations are caused by operational amplifier in your sound card, not by the speaker.

A suitable room

SMALL [<20 m2] [✓] | MEDIUM [> 20 m2 / <40 m2] [✓] | large (> 40m2) [+/-]

CZK 44,990, - - standard

CZK 49 490 - - version rosso passione

EXAMPLES

- + Traditionally very nice processing
- + Surprisingly big sound from compact dimensions
- + Pleasant to listen to - the sound is pleasant, musical and tolerant ...
- + ... But it also has quite adequate resolution and dynamics for their price class
- + In the recitation is characterized by corporate feel a touch of subtlety and sophistication

Negative

- The price of a compact speaker Orthodox shapes may seem high (but sound and manual processing to the middle class certainly belongs)