

# Stereo i Kolorowo - Underground

Niezależne i subiektywne testy urządzeń audio-stereo, recenzje i opisy, a także przemyslenia własne autora.

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## Rogoz Audio Speaker Stands 4QB80

It is of key importance to isolate the hi-fi equipment from the vibrations generated by the speakers to disrupt the acoustic feedback between the speaker membranes and the electronics. This mainly concerns low frequencies transmitted through the floor and the ground. Resonant excitation of electronic and mechanical components of the equipment (sources and amplifiers) is fed in the form of a modulated signal (colouration), back to the speakers and is re-played as a sonic artifact (secondary signal superimposed, with phase delay, on the original one). The resulting continuous feedback force can be heard as detrimental colourations (signatures) of the signal.

[ . . . ] Therefore, if one wants to properly listen to music from the monitor speakers, the following fundamental principles should be observed: 1. Bookshelf speakers should stand on a rigid and stable base, which should be as heavy as practically possible. 2. The base should be isolated from the ground by spikes, which should be inserted into dedicated sockets or, preferably, on a heavy plate, never directly on the floor. 3. There should be extra insulation between the base and the bottom of the speaker – spikes, rubber supports, foam feet, etc.

Regardless of the above, professional anti-vibration systems are fine-tuned based on measurements and tests. This allows matching the characteristics of the material to the variable dimensions and weight of the structure. The described below 4QB80 series anti-vibration stands by Rogoz Audio combine alloy steel and high-carbon steel so as to obtain the desired mechanical properties – impact strength, hardness and elasticity, which allow the system to optimally respond to external forces. The natural frequency of the legs (connecting the boards of the stands) has been tuned to match the sizes of the boards – the harmonics frequency was set as a multiple of the lowest frequency. The damping is made possible by filling the leg profiles with damping material. The type and amount of the damping material affects the spectral composition of the natural vibrations of the bases. The legs of the stands are equipped with twisted openings for re-tuning the design (by changing the amount of the damping material).

### Rogoz Audio

Rogoz Audio is a Katowice-based company. For several years it has been run by Janusz Rogoż (the owner and design engineer), a graduate of Social Sciences at the University of Silesia. I believe that the Rogoz Audio brand is popular among music aficionados; it is often exhibited at trade fairs, and is featured on a regular basis in audiophile publications, both printed and online. Moreover, "Stereo i Kolorowo – Underground" has featured equipment by Rogoz Audio several times. Remember, the company's main offer is related to anti-vibration devices dedicated for hosting high-fidelity and high-end equipment. Hence, the company portfolio mostly includes various audio stands, anti-vibration stands, speaker stands, anti-vibration supports, etc. The recent series is a line of products based on the Balancing Board System (BBS), which allows to horizontally balance the insulated boards while simultaneously maintaining minimal mutual contact and suppressing vertical and horizontal vibrations (find out more [HERE](#)).

It is worth noting that Rogoz Audio has a long history of offering its products abroad – they are available on the prestigious (and quite hermetic) French market, as well as on the Spanish, Belgian, Swedish, English and Russian market. The company also has its dealers in the USA, Hong Kong, Macau, China, and Indonesia. [ . . . ] What's important, the owner of Rogoz Audio – Janusz Rogoż accepts all orders – even custom orders for stands or speaker bases of any size and colour. Customers are free to choose not only the size and dimensions, but also any colour of the finishing and if the boards are made of natural wood – its type and species.

### 4QB80 bases – design and general impressions

The 4QB80 stands by Rogoz Audio are really massive – one base weighs about 25 kg, and with the filling (i.e. as I received it) it is 35 kg (70 kg for a pair). Therefore, they are really heavy – it takes a lot of strength to take them out of the box and arrange them at the place of listening. As I mentioned earlier, 4QB80 are made individually to fit specific monitor speakers. These might include, among others: Harbeth, Spondor, ProAc, Rogers, Trenner&Friedl, Tannoy, Epos, JMLab/Focal Mini Utopia, B&W, Vienna Acoustics, Goodmans, Dynaudio, Studio 16 Hertz and many others. What is important is that the stands can be any colour – the purchaser can freely choose from the entire RAL palette (see [HERE](#)). The fine-grain varnish is powder-coated and then cured and polymerised in convection chamber ovens. The bases look monumental, but this does not prevent them from having an undoubtedly appealing appearance. The stands that I have used have been adapted to the size of Guru Junior or Usher S-520 column speakers – their bottoms are almost identical in size and dimensions. [ . . . ]

### Audio impressions

After placing bookshelf speakers on Rogoz Audio 4QB80 bases, the sound seems mostly livelier and more dynamic, as well as more complete and abundant – as if there was more of everything, and as if everything was elevated to a higher level of relevance and perception. Low tones acquire better articulation and motion, but without any exaggeration – their dimension is adequate. The bass is slender, succulent and well-arranged. Low tones seem to benefit the most from placing monitor speakers on Rogoz Audio 4QB80 stands, as it is these tones that acquire greater mass, power and clearer dimension. They are more robust, faster, and better defined – lowered and deepened. Another advantage (of placing monitor speakers on the stands) is that the heard sound is more weighted, i.e. it is more monumental and tangible, more tonally saturated. This sensation is clear-cut, the changes are undeniably favourable and can be defined as an increase in the volume of the sound or an acceleration of subjective dynamics. Further changes involve the suggestiveness of the sound, as the output becomes more diverse in terms of colouration: the colours are warmer, the instruments and vocals are more focused, the nuances and micro-decays are clearer, etc. What is more, the tones acquire more sonority and their clarity, spatial features, as well as charisma and energy are more pronounced.

Excerpts from the English translation of the review of Rogoz Audio Anti-Vibration Speaker Stands 4QB80 from Stereo i Kolorowo August 31, 2014 (Polish Edition).





