



Jazz2 is a two-way column speaker with a compression driver and classical waveguide, inspired by traditional studio monitors but tuned to contemporary frequency response standards and control. The result is a lively, direct sound with full midrange and solid bass - a natural continuation of the Jazz series started by the Jazz1 model.

Inspiration

The reference point became the golden era of studio monitors from the 1960s and 70s, when horns and compression drivers were the standard where uncompromising dynamics and directness of sound were valued. This philosophy was transferred to the Jazz2 in modern-day home listening reality, with refined integration of the frequency range and control that vintage designs often did not offer.

Construction

A key design decision, both in the first model of the Jazz1 series and in Jazz2, was to base the high-frequency section on a compression driver with a horn instead of a classical dome. Jazz2 continues this philosophy and develops it by utilizing a driver whose parameters are several times better than many respected classical domes. Thanks to this, both speakers in the Jazz series share a common tonal

character. In Jazz2, the waveguide ensures greater wave propagation, allowing full reception across a wider range of listener positions. The low-frequency section was based on a solid, long-throw driver. Its task is not an impressive, "overhyped" impact, but faithful reproduction of the bass line, with control and contour, without colorations that would be tiring during longer listening sessions.

An L-Pad regulator was placed on the rear wall of the speaker, allowing smooth correction of the high-frequency section level within ± 4 dB relative to the neutral setting. This solution is known from classical, vintage monitor designs, where it provided the ability to adjust the sound to a specific listening room. In Jazz2, this proven idea was refreshed and executed with attention to repeatability and precision of adjustment.

About Us

Kultura draws inspiration from classic vintage designs and reinterprets them for the modern era, giving them a new form and a 21st-century character. Our speakers are designed for those who seek not only exceptional sound but also equipment that becomes a distinctive element of interior style and aesthetics.

JAZZ²



In Jazz2, the high-pass filter is designed as a higher-order circuit. Its task is to provide steep and precise cutoff below the horn's working range, so that the compression driver operates exclusively within its optimal window, without the risk of overdriving or loss of resolution at the lower edge of the band. In parallel, a correction circuit was applied to smooth the natural rise in characteristic typical for constructions with this type of waveguide. Thanks to this, the top of the band is lively and detailed, but never harsh or fatiguing, just like in the best, classic designs from decades past, except without their typical drawbacks.

The low-pass filter was designed with emphasis on slope smoothness and phase control in the crossover frequency region. The aim was for the transition between the woofer and the tweeter section to be imperceptible to the ear. Both drivers should sound like one, coherent sound source, both on-axis and off-axis, which translates to a stable stereo image regardless of listening position.

The Jazz2 transfer characteristic is exceptionally flat and coherent throughout the working band, from the lowest bass, through the midrange, to the top, where the horn maintains high efficiency without sharp peaks or dips. The impedance curve reveals a typical two-way horn-loaded design pattern. Two characteristic peaks are visible in the woofer resonance region as well as a gentle rise around the crossover frequency, after which the impedance drops steadily toward the top of the band. This confirms that the speaker constitutes a predictable, easy-to-drive load for the amplifier.

Type

Bookshelf monitor

Enclosure

Bass-reflex

System

2-way

Woofers

25.4 cm cellulose cone

Tweeter

**2.5 cm compression driver
with annular polyester
diaphragm**

Impedance

4 ohm

Frequency response

42 do 22000 Hz

Sensitivity

92 dB

Rated power

120 W

External dimensions

59x29x36,5 cm

Weight

28 kg each

Available finishes



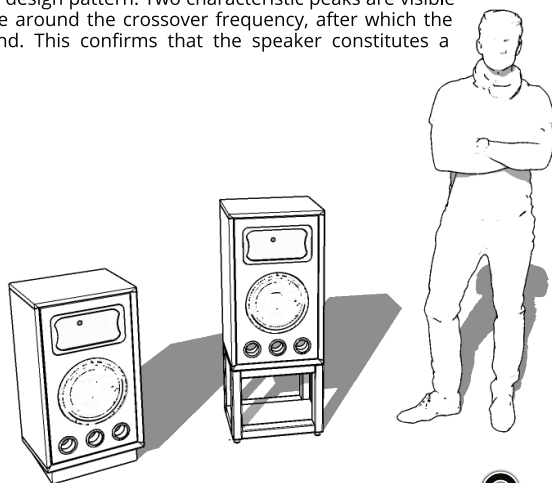
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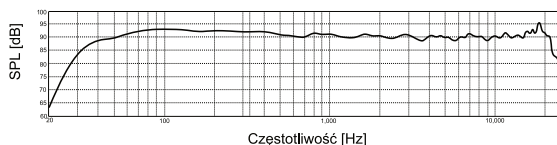
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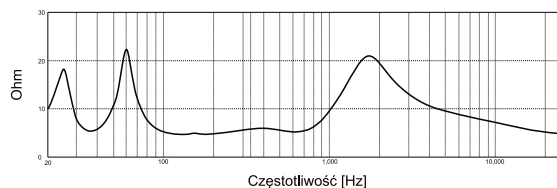
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