

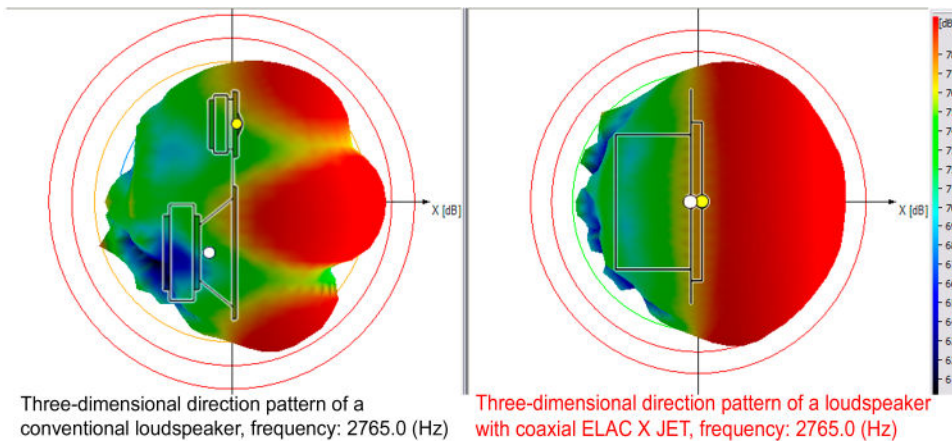
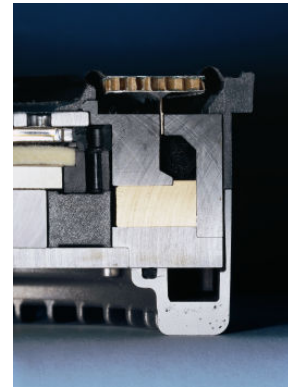
Beautiful by design: BS 602 X-JET



All technical features of the ELAC 600 series will be found in the BS 602 X-JET. ELAC's new X-JET coaxial midrange/tweeter, a special cross frame hybrid construction and numerous technical features for perfect imaging. The amplitude and phase of the sound waves run linear and frequency-independent over the front solid angle of 180 degrees. The 602 X-JET offers a broad listening area. It was designed for all applications from stereo to home cinema, hi-fi to surround sound. It can also be used in smaller rooms.

Technical features and benefits

- **Coaxial technology.** The unique X-JET is a unique combination of a flat aluminium honey comb midrange diaphragm and a concentrically arranged JET tweeter. This loudspeaker creates a true "point source" system. Another advantage of a point source is optimized sound power and homogeneous sound distribution in the listening-room over the entire listening area. The ultra lightweight honeycomb diaphragm provides a reduced stray magnetic field combined with a strong neodymium drive. The system is driven by a 78 mm moving coil. Perfect efficiency is achieved using coppered aluminium flat wire, edgewise-wound, on a ventilated capton bobbin.
- The new system yields a precise upper cut-off frequency of 50 kHz. This makes the loudspeaker an ideal component for the reproduction of DVD-A and SACD.



Three-dimensional direction pattern of a conventional loudspeaker, frequency: 2765.0 (Hz)

Three-dimensional direction pattern of a loudspeaker with coaxial ELAC X JET, frequency: 2765.0 (Hz)

- **Woofer in aluminium sandwich design.**

Two ELAC aluminium sandwich diaphragm woofers with double rubber surround in asymmetrical design and The 37 mm Capton bobbin for high efficiency offer precise, high level bass control to below 32 Hz.



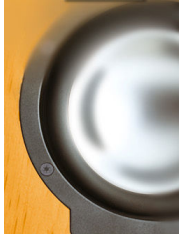
- **Cabinet in cross-frame hybrid technology.**

This special cabinet consists of a combination of extruded aluminium design, aluminium casting and MDF with horizontal and vertical internal tension rods. This new design concept offers optimized sound and avoids resonances.

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BS 602 X-JET

Product Information



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- **Crossover network / ELAC bi-wiring terminal.**

The crossover network of this 3 ½-way loudspeaker is built with high quality components and Van den Hul internal wiring. The terminals, with gold-plated WBT connectors, are easy to access and allow larger cable diameters (16 mm²), as well as high-quality spade connectors.

The terminals provide high-quality bi-wiring cable suspension bridges (Van den Hul wiring) with gold-plated banana plugs.



- The **bass port's double flare design** minimises air noise and friction losses.
- For installation close to walls or in small rooms, the new ELAC Bass Control plug may be used to achieve a more precise bass reproduction.

Finishes: silver shadow, titan shadow, black high gloss

Specifications BS 602 X-JET

Dimensions H x W x D height, depth with grille	406 x 212 x 307 mm	Nominal / Peak Power Handling	120 W / 160 W
Weight	approx. 12 kg	Frequency range	32 - 50000 Hz
Type	3-way, bass reflex	Sensitivity	87 dB/2,8V/m
Woofers	1 x 180 mm cone	Nominal impedance	4 ohms
Coaxial midrange / tweeter:		Minimum impedance	3.1 ohms at 90 Hz
midrange			
tweeter	1 x 50 / 105 mm JET III		
Recom. amplifier power at nominal impedance	100 – 250 W / channel		
Crossover frequency	410/2350 Hz		

Product Information

