

A dream: FS 248



ELAC has many beautiful daughters. However, the FS 248 had scarcely left the development phase before it acquired a special position. The eye of the beholder is immediately captivated. It is in musical terms in particular, however, that it really shows its mettle. It plays with a freedom and naturalness that is a joy to listen to. The music is set completely free from the loudspeaker. The singers seem move to and fro on the virtual opera stage in stately grandeur. It turns music into pure relaxation and delight.

Technical features:

- 3 woofers in proven aluminium sandwich technology, with crystal membrane. With the broadband frequency characteristic, reproduction especially in the vocal range offers significantly more harmony.
- In the treble, ELAC relies on its world-renowned JET tweeters. Its internal design has been further refined, resulting in a linear frequency output and improved harmonic distortion.
- The "JET-DC" is an acoustic tuning element made from open-pored foam for adaptation to particular spatial conditions.
- Among the features that set the FS 248 apart is a newly-developed 140 mm midrange speaker, which is equipped with dual-wave (full-roll) fabric surround. The special surround form enables the transverse harmonics that run through the materials to bleed out in a gentle and attenuated way, and thus to create a very pure acoustic image, specifically in the sensitive midrange area.
- The transition between midrange speaker and tweeter that is so important for the reproduction of voices has been harmonized, creating a natural midrange reproduction and an optimized acoustic power frequency characteristic.
- Double rounded ports for bass reflex tubes. This minimizes annoying airflow noises.
- FS 249 is equipped with 2 bass reflex tubes. One radiates sound toward the back, one downward onto the base plate. This arrangement allows for deeper bass tuning and can also be used as an acoustic low-pass filter. The rear projection bass reflex tube comes closed off with a bass control plug. By removing it, the bass reproduction can be intensified.
- The cabinet of the FS 248 is internally reinforced to minimize cabinet resonance.
- High-quality ELAC bi-wiring terminal with separate connections for bass, mid-range-treble circuits. The angled cable clamps are easily accessible and are suitable for larger cable cross sections (16 mm²) and high quality spade terminals (e.g. WBT products).
 - The FS 248 comes as standard with base plate and easily adjustable ELAC spikes/rubber feet. For acoustic reasons, the base plate must always be installed, as one of the bass reflex tubes emits downward.

Finishes: Mocha, cherry veneer, black high gloss, titan shadow; custom finishes at additional charge

Specifications ELAC FS 248

Dimensions			
Height (without/with base plates/spikes)	1100/1158/1173		
Width (without/with base plates)	170/230		
Depth (without/with frame/base plates)	308/323/368 mm	Crossover frequency	180/450/2900 Hz
Weight	24 kg	Nominal power handling	150 W
Type	31/2-way, bass reflex	Peak power handling	220 W
Woofer	3 x 150 mm AS-XR cone	Frequency range	30 - 50000 Hz
Midrange	140 mm AS-XR cone	Sensitivity	89.5 dB/2.8V/m
Tweeter	JET III	Nominal impedance	4 Ohm
Rec. Amplifier output at nominal impedance	30 – 300 W / channel	Minimum impedance	3.5 ohm at 110 Hz

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Product Information