

FS 189 "The powerful one"



surround. The specially designed surround absorbs lateral cone oscillations, ensuring a harmonious sound overall in the very sensitive midrange area.

- Each FS 189 is equipped with 2 bass reflex tubes. One emits sound towards the back, the other downwards onto the base plate. The effect of the actual lengthening of the base reflex is deeper bass tuning. This arrangement also works 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 cabinets of all the speakers are internally stiffened, in order to minimise cabinet resonance.
- The FS 189 is provided with a bi-wiring/bi-amping terminal. If required the high and mid-range systems on the one hand and the base speaker on the other can be driven separately. For bi-amping a second amplifier will also be required, with one amplifier being responsible for the high or mid-to-high range sound, and the other for the bass range.
- The impedance of 6 ohms means that the speaker can also be connected to load-critical amplifiers or to surround-sound amplifiers using class D technology without any difficulty.

Colours: Black ash decor/high-gloss baffle, satin black, satin white, cherry decor/black painted, soft-finish baffle.

Satin black and satin white finishes with lacquer available with cloth frames and grill covers

Specifications:

Dimensions H x W x D	1105 x 200 x 285/297 mm	Nominal power handling	140 W
Weight	23 kg	Peak power handling	200 W
Type	3½ -way, bass reflex	Frequency range	36 - 50,000 Hz
Woofer	3x TT 175 mm AS cone	Sensitivity	90 dB/2.83V/m
Midrange speaker	1x MT 140 mm AS cone	Nominal impedance	6 Ohm
Tweeter	1x JET III	Minimum impedance	4.3 Ohm at 110 Hz
Recommended amplifier power at nominal impedance	20 - 250 W/channel		
Crossover frequency	180/500/2.800 Hz		

ELAC introduces a new, contemporary product line under the slogan "Reduced to the Max". "Less is more" applies in the case of the new 180 line both to the exterior and the interior of the speaker. The results are immaculate looks and crisp sound, ideally adapted to the needs of the music listener. A special feature: If you don't want to see technique, ELAC offers two alternatives: cloth frames or grill covers. Both are within the scope of supply.

For natural, high-quality sound, the developers at ELAC have gone for technical features such as ELAC's highly praised JET tweeters, ELAC's tried and tested aluminium sandwich technology, cabinets with internal stiffeners and particularly harmonious amplifier-compatibility.

The largest model in the line is the FS 189. It has incredible power reserves (maximum sound pressure level, is robust and delivers a harmonious, highly detailed sound with a punchy, taut bass. It is equally impressive when used as a main speaker in larger surround-sound systems, or as a high-quality, level-resistant, freestanding 3½-way stereo speaker. Thanks to its high level of efficiency, it offers excellent reproduction with smaller amplifiers or even with valve amplifiers.

Technical features

- JET III tweeter with a linear frequency response extending up to 50 kHz
- The special feature is the newly developed midrange driver, which is equipped with a dual-wave (full-roll) fabric



Product Information FS 189

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