

Technical Data of ELAC FS 507 VX-JET

Height without / with spikes	1,155 / 1,198 mm
Width without / with base plate	200 / 280 mm
Depth without / with grille / with adjusting knob	350 / 373 / 413 mm
Weight	ca. 30 kg
Type	3½-way, bassreflex
Woofer	2 x 180 mm Ø, AS-XR, cone
Midrange	1 x 50 mm / 105 mmØ, AS-XR, honeycomb ring radiator
Tweeter	JET III
Crossover frequency	180 / 550 / 2,700 Hz
Nominal power handling	220 W
Peak power handling	300 W
Frequency range (IEC 268-5)	26 bis 50,000 Hz
Sensitivity	89 dB / 2.83 V/m
Suitable for amplifiers from ... to	4 - 8 Ω
Nominal impedance	4 Ω
Minimum impedance	3.5 Ω at 95 Hz
Recommended amplifier power	60 - 500 W/Channel
Finish	Black High Gloss



[FS 507 VX-JET]

innovation and elegance



The idea is brilliant, the acoustical experience is phenomenal – the VX-JET technology is a milestone. It does show the twinkling of the stars ... on a cloudy night.



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ELAC FS 507 VX-JET



An idea, inspiring from the first moment and after times, generates just one thing: fascination!

The FS 507 VX-JET fascinates by innovation like its big brother but it embodies this on its own way.

Some call it elegant, some find it just beautiful. The look of the FS 507 VX-JET doesn't polarize, it knows how to appeal. Straight lines covered by a highgloss finish. Visual reservation to emphasize the most important – the acoustical experience.

The eye doesn't identify the greatest innovation of the line 500 at first sight, but the ear does at first tone: The ELAC VX-JET. Basis for this innovative driver is the famous ELAC X-JET driver, a combination of the well reputed JET tweeter coaxially surrounded by the midrange driver. The innovation of the VX-JET is the variably adjustable position of the driver, therefore the name VX-JET.



By means of an adjusting knob at the rear side of the speaker the whole VX-JET driver may be moved 8 mm out (in front of the baffle) or 8 mm in (behind the baffle). The idea behind is the fact that each room has its own acoustical behaviour and the same speaker produces different sounds in different rooms. The wish of "one speaker for all rooms" has been a myth ... until

today. Because now, it is possible to adapt the speaker to the room.

By varying the position of the VX-JET, the directivity pattern of the mid-/highfrequency range can be adjusted. The result is not a variation of the sound of the speaker but a variation of the ratio between direct and reflected sound at the listening position.

For the first time the VX-JET allows a constant spaciousness over a number of different rooms and listening distances. If there is too much reflected sound at the listening position (the result is an indifferent and diffuse sound), e.g. caused by room architecture with many acoustically hard surfaces (e.g. glass) or by a large distance between speaker and listening position, the positioning of the VX-JET behind the baffle will help. The ratio of the reflected sound which reaches the ear of the listener will be reduced. The result is a vivid reproduction allowing differentiated locating.

If on the other hand the ratio of reflected sound is too low, e.g. caused by a large quantity of sound absorbing objects in the room, or a very short distance between speaker and listening position, which reduces the impression of room and the feeling to be part of the action, it is a good idea to move the VX-JET out (in front of the baffle). Now the ratio of reflected sound at the listening position will be increased. The result is a spacious sound impression which is unlimited by the distance between the loudspeakers.

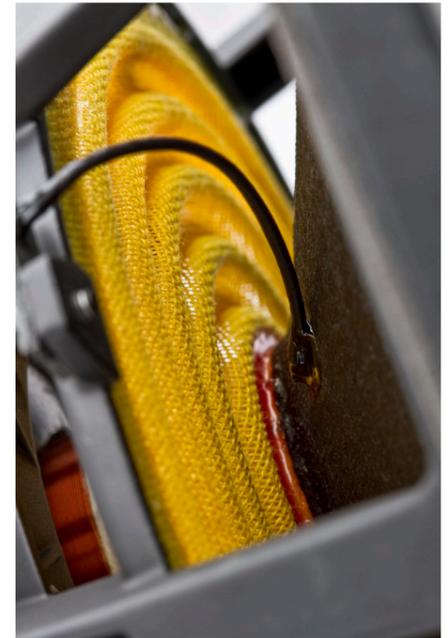


Two 180 mm woofers are in charge of the lower frequency range. The combination of crystal technology and the impressive drive system do present an accurate, lifelike reproduction of sound. In cooperation with the VX-JET no detail will be undiscovered.

All speaker drivers are equipped with an aluminum die cast frame. Regarding the choice of the crossover components, even the last doubts will subside. High grade, sound neutral air coils and film capacitors manage the assignment of the different frequency bands and guarantee a maximum sound transparency.

The FS 507 VX-JET does combine innovation and elegance like no other speaker. Wherever it is placed ... the listeners heart will be taken by storm

ELAC FS 507 VX-JET: Simply fascinating!



Coloured areas in the graphic:
 RED: dominant direct sound
 GREEN: natural balance between direct and reflected sound
 BLUE: dominant reflected sound

