ELAC The life of sound.

VELA

ELAC
VELA Series

Exciting, progressive and elegant
– the new VELA series.

Form supports function – the convex shaped baffle and the big radiuses of the cabinet promote the acoustics because influences of cabinet to frequency response are reduced.
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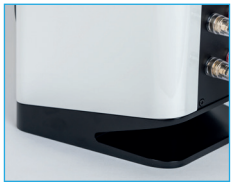

Close to action – the bottom plate is made of aluminum and is featured with a down-firing bass reflex port which gives advantages in positioning the speaker.

Ready for connection – thanks to it´s connections Vela series offers possibility of using bi-wiring and bi-amping.

A complex design: high-class lacquered and wooden veneered cabinets, which have a trapezoid shape and are angled rearward, combined with aluminum.

The design catches eyes but conduces acoustics, too. The sound of VELA shows it´s family background to successful series 400.

But the advantages are distinct. The angling of the cabinet in combination with the new waveguide of the JET tweeter improves the definition of stereo and multichannel audio in modern furnishing. But there are more than the obvious changes. For example the optimized drivers are able to reproduce high-energy transients more precisely.

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VELA Series	VELA FS 409	VELA FS 408	VELA FS 407	VELA CC 401	VELA BS 403
Height x Width x Depth	1307 x 276 x 332 mm	1142 x 276 x 332 mm	1000 x 229 x 266 mm	191 x 653 x 233 mm	362 x 191 x240 mm
Weight	32,1 kg	27,1 kg	19,1 kg	11,8 kg	7,1 kg
Type	3 ½-Way, bass reflex	2 ½-Way, bass reflex	2 ½-Way, bass reflex	2 ½-Way, bass reflex	2-Way, bass reflex
Woofer	2 x 180 mm Ø, AS XR cone	2 x 180 mm Ø, AS XR cone	2 x 150 mm Ø, AS XR cone	2 x 150 mm Ø, AS XR cone	1 x 150 mm Ø, AS XR cone
Midrange	150 mm Ø, AS XR cone	(180 mm)	(150 mm)	(150 mm)	–
Tweeter	JET 5	JET 5	JET 5	JET 5	JET 5
Magnetic shielding	–	–	–	–	–
Crossover frequency	140 I 360 I 2700 Hz	450 I 2550 Hz	450 I 2400 Hz	450 I 2400 Hz	2400 Hz
Frequency range (IEC 268-5)	28 – 50000 Hz	28 – 50000 Hz	30 – 50000 Hz	32 – 50000 Hz	41 – 50000 Hz
Sensitivity	89 dB at 2,83 V/m	88,5 dB at 2,83 V/m	88 dB at 2,83 V/m	88,5 dB at 2,83 V/m	86 dB at 2,83 V/m
Suitable for amplifiers from ... to	4 – 8 Ω	4 – 8 Ω	4 – 8 Ω	4 – 8 Ω	4 – 8 Ω
Recommended amplifier power	40 – 450 W/channel	40 – 400 W/channel	40 – 300 W/channel	40 – 250 W/channel	40 – 200 W/channel
Nominal I Peak power handling	200 W I 280 W	150 W I 220 W	130 W I 170 W	120 W I 160 W	70 W I 100 W
Nominal I Minimum impedance	4 Ω I 3,4 Ω at 105 Hz	4 Ω I 3,6 Ω at 180 Hz	4 Ω I 3,5 Ω at 200 Hz	4 Ω I 3,6 Ω at 180 Hz	4 Ω I 3,2 Ω at 260 Hz
Finishes	Black High Gloss, White High Gloss	Black High Gloss, White High Gloss	Black High Gloss, White High Gloss	Black High Gloss, White High Gloss	Black High Gloss, White High Gloss
Accessories included	Plate with Spikes and Washers	Plate with Spikes and Washers	Plate with Spikes and Washers		