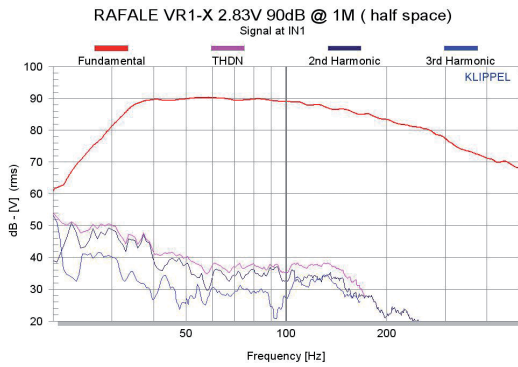
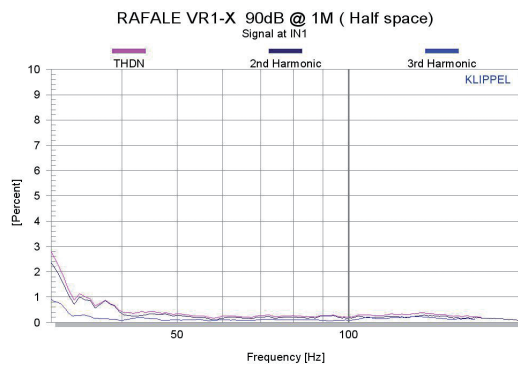


Linearity...



...and low distortion



RAFALE Series

MADE TO PERFORM

RAFALE VR1-X

Active subwoofer :	Vented enclosure
Frequency response :	33 - 150 Hz (-3dB)
Ported tuning frequency :	36 Hz (with port firing on ground)
Max. SPL :	111 dB (rms) / 40 - 100 Hz @ 1M (demi espace) THD<3.5%
«Absolute series» woofer :	LD230 CRA 04
Driver unit efficiency :	90 dB / 2.83V / 1M
Amplifier module :	ATOHM S250 (XG-30)
Amplifier module power :	220 Weff
Peak power :	260W / U-guard (soft clipping)
Active excursion control :	X-guard technology (+/- 20 mm max.)
Low level input :	2x RCA
High level input :	2x 4mm banana plugs
Frequency response :	38 to 150 Hz
Phase control :	0-180°
Filtering slope :	12dB-24dB-LFE
Supply voltage :	115 V / 230 V
Power consumption :	320 Wmax
Cabinet :	MDF 18 mm (36mm on front side)
Decoupling :	«high damping» EPDM foam
Dimensions / Weight :	320x400x423 (mm) 12.6x15.75x16.75 (inch) 19.5 kg / 41.9 lbs

Standard finishes :

Other RAL colors
on demand



Satin Black



Satin White



Products designed and assembled in France.

www.atohm.com

ATOHM®

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Atohm follows a policy of continuous product improvement and thus reserve the right to amend designs and specifications without prior notice.



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ATOHM®

ENCEINTES • HAUT-PARLEURS • CÂBLES

RAFALE VR1-X

The ATOHM RAFALE VR1-X active subwoofer is the worthy successor of the celebrated V35, V38 and V38S models. It benefits from all the knowledge acquired by the company in the ongoing development of high performance compact loudspeakers and subwoofers.

The VR1-X incorporates the superb LD230 CRA 04 woofer. Endowed with the latest technical refinements, this unit redefines the expectations of what can be achieved from a driver unit of this diameter.

Very high end driver units



Its specific alloy cone offers perfect rigidity and a wide bandwidth - even under the highest levels of mechanical strain. The surround and spider, each a result of extensive development and simulations, provide a very wide range of linear excursion as well as perfect dynamic stability (with perfectly symmetrical compliance). An impressive motorization of 156mm (Technology FWI technology : force without inductance) confers a remarkable level of sensitivity for a «subwoofer» driver application.

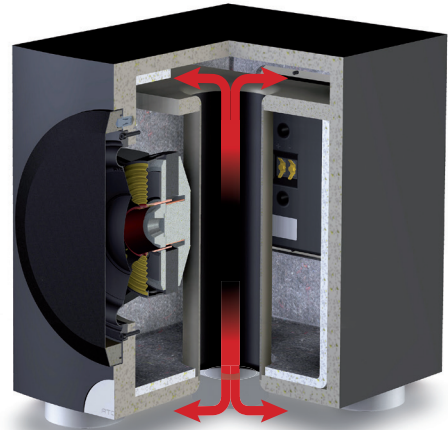
The S250 amplifier module propels this exceptional driver with up to +/- 20mm of excursion. Its class D power stage offers an ideal damping factor. X-GUARD (active excursion control) technology limits distortion as well as maximum excursion when required by an inappropriate level. U-GUARD technology provides «soft» clipping by reducing the creation of harmonics.

Outstanding performances...



under strict and perfect control!

Optimized ported enclosure with reduced overall dimensions...



The bass reflex system features a wide port whose floor is the extension tuned at the lowest frequency. The layout and geometry of this vent have been optimized to allow strong amplitudes while minimizing port noise. The cabinet is crafted of MDF and the weight of the complete assembly renders this subwoofer perfectly stable. The 4 feet are equipped with EPDM high damping foam to significantly reduce the transmission of vibrations, thus contributing to the extreme precision of the sound.



The size of the VR1-X remains similar to many sealed subwoofer models. However, with its exceptional driver and its optimized vented load, the VR1-X is distinguished by a nice extension in the bass, very low rate of distortion in its bandwidth and breathtaking dynamic capabilities (111 dB rms @ 1M). At listening, the timbres are both accurate and faithful. The VR1-X surprises by the density and the dynamics it provides without «coloring» the system it completes. Superb and in either stereo or home cinema applications, it perfectly integrates into any system based on bookshelf or medium sized floorstanding speakers.