



french**sound**design

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MiniMaX Series

MMX 18L



- Near field complement of MMX 6L
- Two way first-class components
- Made in FRANCE
- Ultra compact & lightweight
- BGV-C1 approved integrated rigging system
- Usable as a single loudspeaker for delay, under-balkony & stage(lip) fill application

Technical data

MF : 2 x 6,5" **HF** : 1"
Efficiency : 103 dB / 1W / 1m
Max SPL: 135 dB (138 dB for 3 MMX 18L)
Power handling : 375 W RMS
Frequency response :
 80 Hz – 20 KHz
Impedance : 12Ω (min 8Ω-max16Ω)
Amplifier recommended :
 FP 10000Q or T4N
Horizontal directivity : 100°
Vertical directivity : 18° for each unit, depending on the system array configuration.

Dimensions

Height : 175 mm / 7 in
Width : 440 mm / 17.33 in
Depth : 324 mm / 12.76 in
Weight : 14 Kg / 30.86 lbs including rigging system

Associated products

MMX 6L : Vertical directivity 6°
MMX 45L : Vertical directivity 54°
MMX 212B : 2 x 12" bass cabinet
MMX 218S : 2 x 18" sub bass cabinet
MMX Bump : Flying frame
MMX LY SUP : Horizontal bracket
EaseFocus : Acoustic simulation software

The MMX 18L is the complement of MMX 6L for nearfield applications, bringing together compactness, superb sound quality and ease of installation.

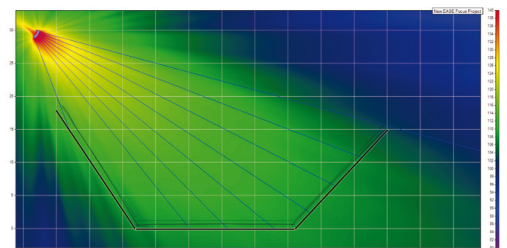
MMX 18L has been specially designed for both fixed installations and touring applications such as concerts, corporate events, theaters, sports facilities....

A very efficient BGV-C1 approved integrated rigging system allows rigging up to 18 cabinets and gives the possibility to accurately adjust the vertical directivity to perfectly fit to the listening area.

MMX 18L is equipped with two 6.5" direct radiating bass reflex mounting and one 1" driver coupled to an Isophase Waveguide specially designed by our engineers (INPI deposit n°123756). The 6.5" bass driver is UV and humidity proof mechanical basis (over 200 hours of salt fog withstanding), and its patented heat extraction INTERCOOLER SYSTEM® improves the power handling

capacity by over 20% and drastically reduces thermal compression. The Neodymium 1" high frequency driver is loaded in an Isophase waveguide specially designed to reduce harmonic distortions (patent pending). This high frequency unit offers very high sensitivity and produces a linear frequency response up to 20 kHz. Using such top quality drivers guarantees extreme reliability ensuring long life, high power handling, exceptional high definition and open sound quality which is rarely matched in its category.

The very high quality vented enclosure is made from birch plywood with a black structured finish.



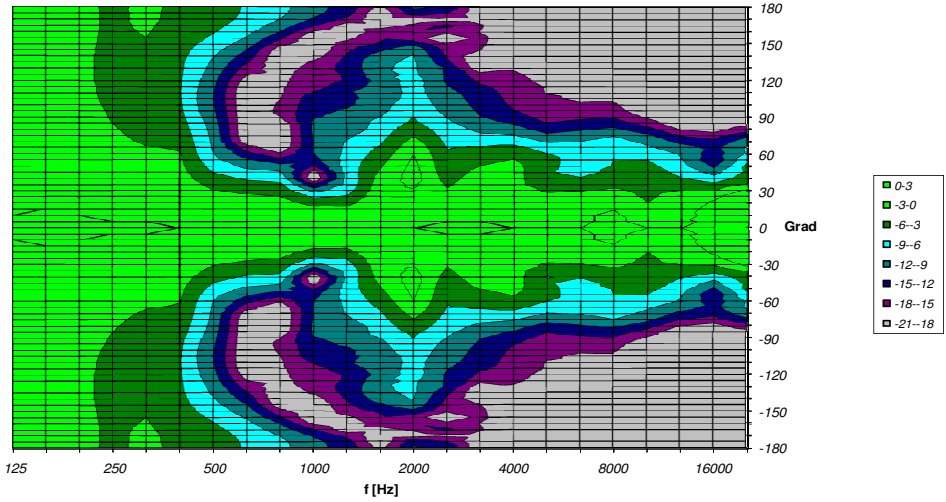
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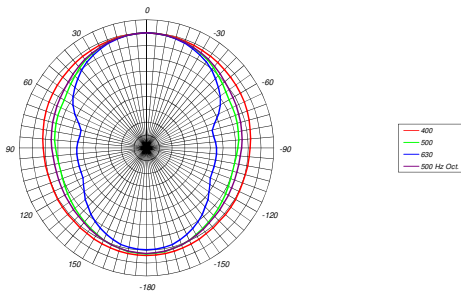
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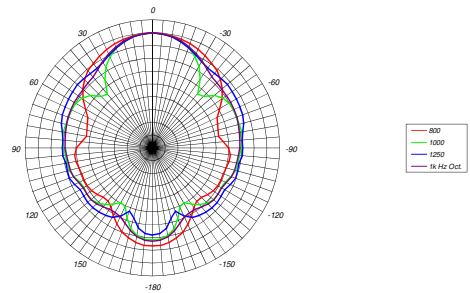
MMX 18L HORIZONTAL DIRECTIVITY PLOT



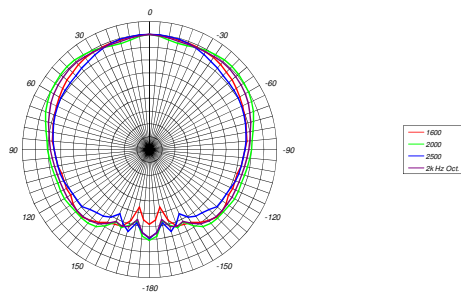
Top View Hor. Polarplots 500 Hz Octave 6 dB/div



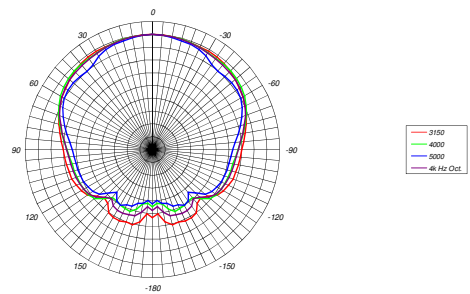
Top View Hor. Polarplots 1k Hz Octave 6 dB/div



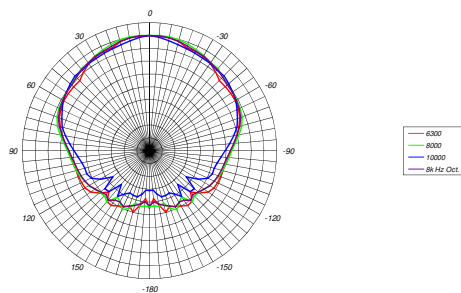
Top View Hor. Polarplots 2k Hz Octave 6 dB/div



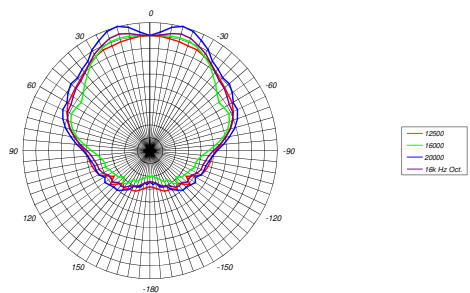
Top View Hor. Polarplots 4k Hz Octave 6 dB/div



Top View Hor. Polarplots 8k Hz Octave 6 dB/div



Top View Hor. Polarplots 16k Hz Octave 6 dB/div



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The design of the isophase waveguide is registered in the National Institute of intellectual property (n° 123756), property of SILVER ACOUSTIC.

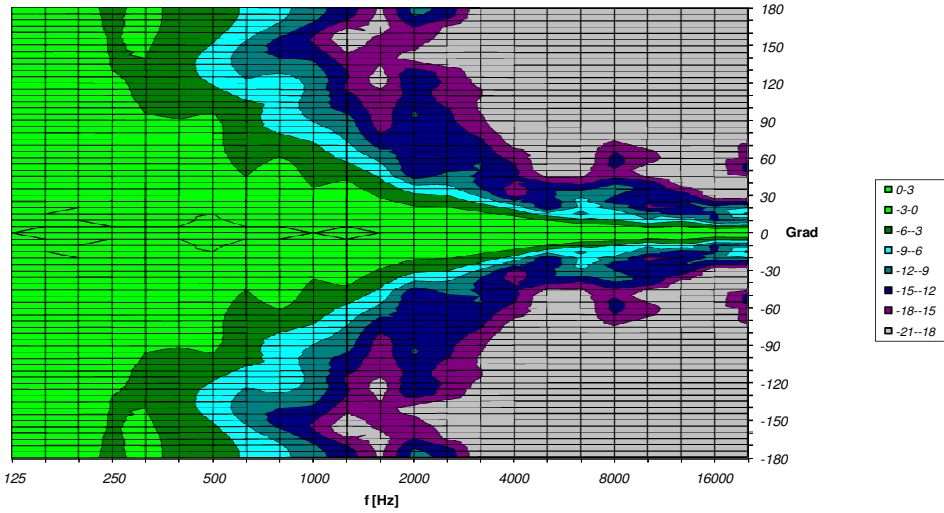
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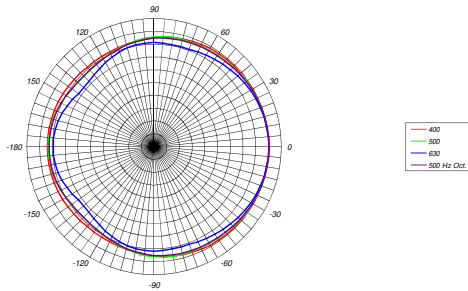
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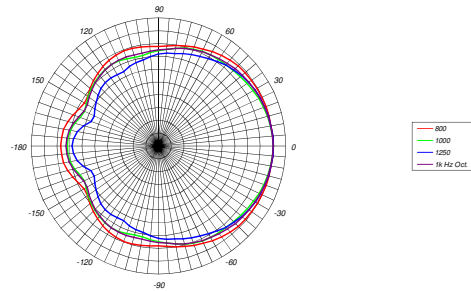
MMX 18L VERTICAL DIRECTIVITY PLOT (for one MMX 18L)
 Vertical directivity is configuration dependent, please refer to the user manual



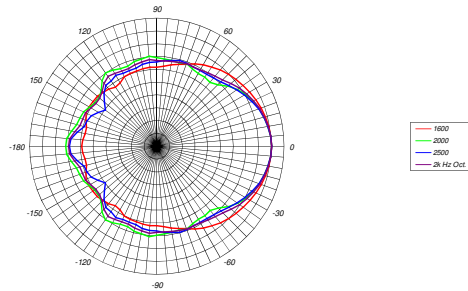
Side View Ver. Polarplots 500 Hz Octave 6 dB/div



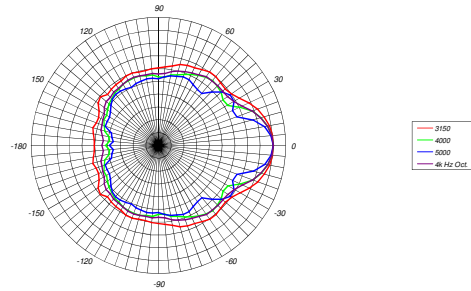
Side View Ver. Polarplots 1k Hz Octave 6 dB/div



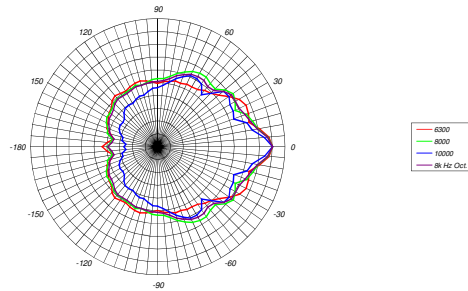
Side View Ver. Polarplots 2k Hz Octave 6 dB/div



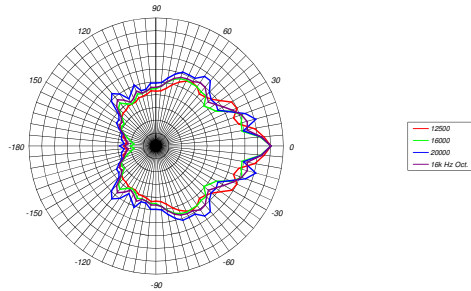
Side View Ver. Polarplots 4k Hz Octave 6 dB/div



Side View Ver. Polarplots 8k Hz Octave 6 dB/div



Side View Ver. Polarplots 16k Hz Octave 6 dB/div



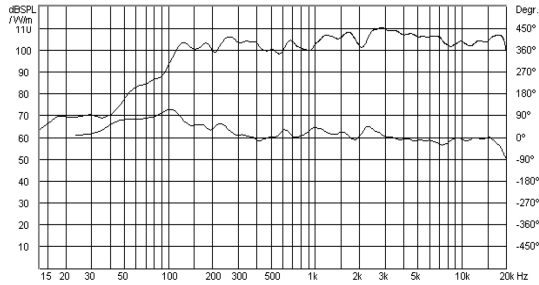
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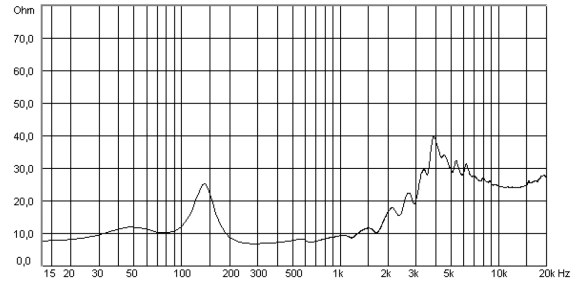
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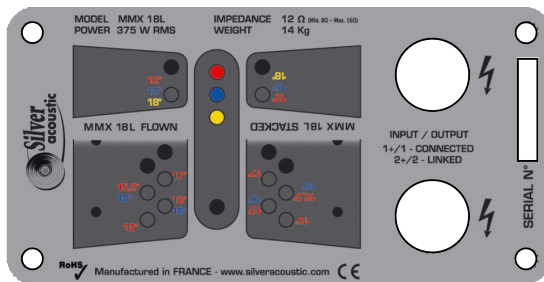
MMX 18L Frequency Response + Phase



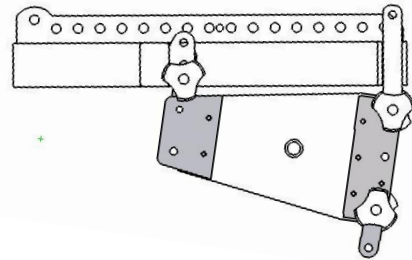
MMX 18L Impedance curve



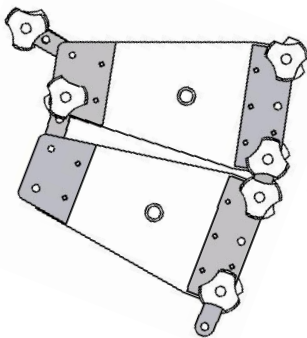
MMX 18L INPUT PANEL



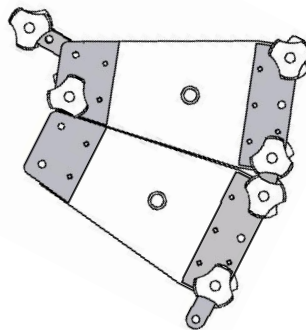
WITH MMX BUMP ANGLE 18°



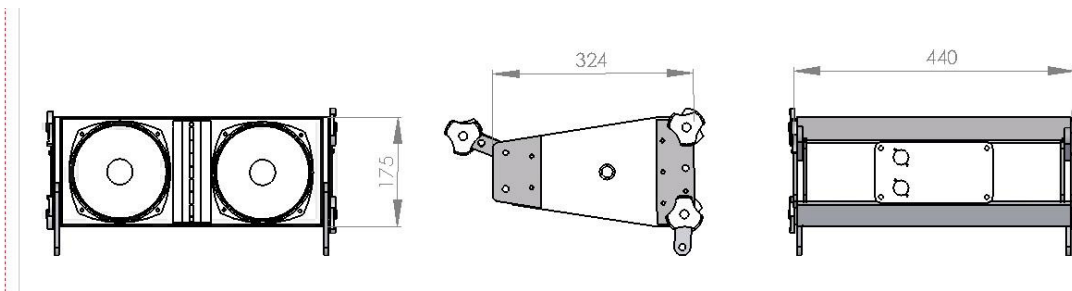
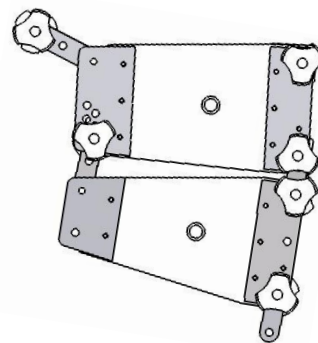
ANGLE 12°



ANGLE 18°



ANGLE 12° WITH MMX 6L



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