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## MiniMaX Series

### MMX 45L

- 3 MMX 18L in one box
- 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 : 3 x 6,5" HF : 3 x 1"  
 Efficiency : 103 dB / 1W / 1m  
 SPL Max : 138 dB  
 Power handling : 1200 W RMS  
 Frequency response :  
 70 Hz – 20 KHz  
 Impedance : 4Ω  
 Amplifier recommended :  
 FP 10000Q or T4N  
 Horizontal directivity : 100°  
 Vertical directivity : 54°

The MMX 45L consist of the perfect combination of 3 MMX 18L in a single box and has been developed for fixed installation.

The vertical directivity is fixed at 54°, but as the MMX 45L integrate the same rigging system as all of the MiniMaX range, you can increase the vertical directivity by addition of MMX 6L or MMX 18L. You can also ring it under the MMX 212B for flown application, or simply install the MMX 45L with the new horizontal bracket MMX LY SUP.

MMX 45L is equipped with six 6.5" direct radiating bass reflex mounting and three 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

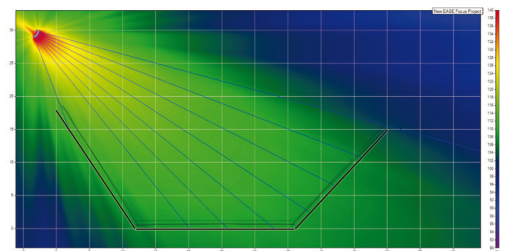
capacity by over 20% and drastically reduces thermal compression. The Neodymium 1" high frequency driver is loaded in an Isophase waveguide specially designed to reduce harmonic distortions (patent pending). This high frequency unit offers very high sensitivity and produces a linear frequency response 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.

#### Dimensions

Height : 549 mm / 21.62 in  
 Width : 440 mm / 17.33 in  
 Depth : 350 mm / 13.78 in  
 Weight : 35 Kg / 77.16 lbs

#### Associated products

MMX 6L : Vertical directivity 6°  
 MMX 18L : Vertical directivity 18°  
 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  
 MMX 45L/TR : Touring version of MMX 45L



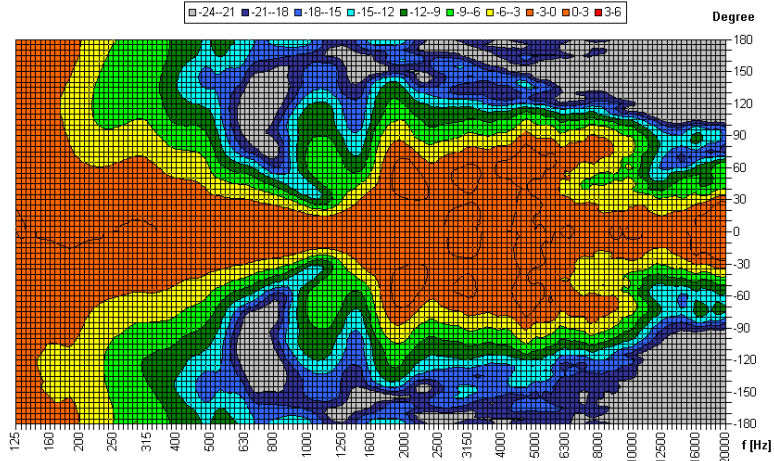
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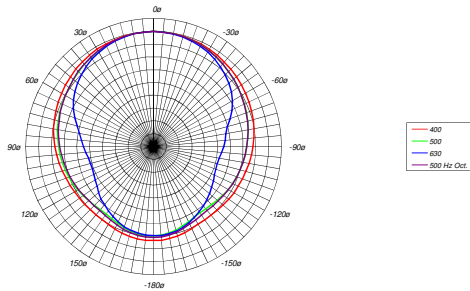
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**MMX 45L HORIZONTAL DIRECTIVITY PLOT**

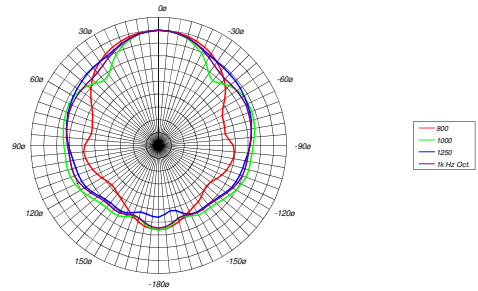


Parameters: Cyclic Move: 0° ; Symmetry: no symmetry ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 0° Axis 0°

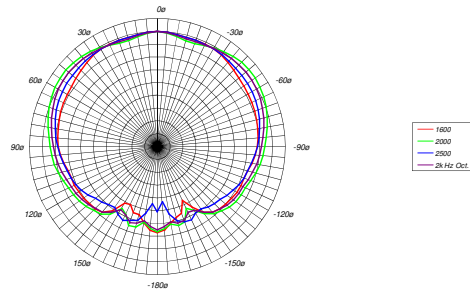
Top View Hor. Polarplots 500 Hz Octave 6 dB/div



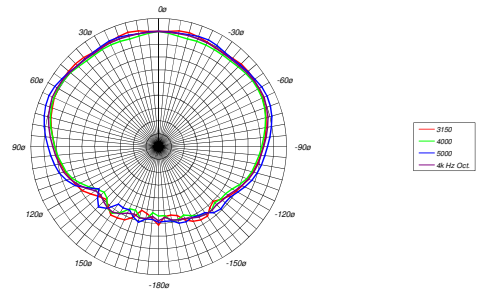
Top View Hor. Polarplots 1k Hz Octave 6 dB/div



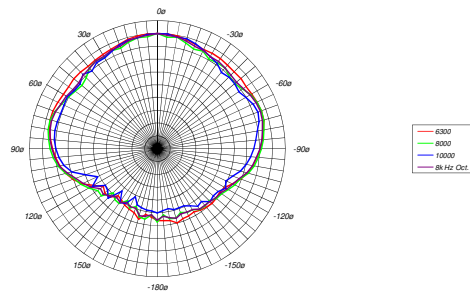
Top View Hor. Polarplots 2k Hz Octave 6 dB/div



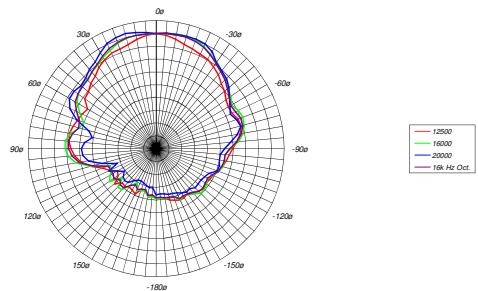
Top View Hor. Polarplots 4k Hz Octave 6 dB/div



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.

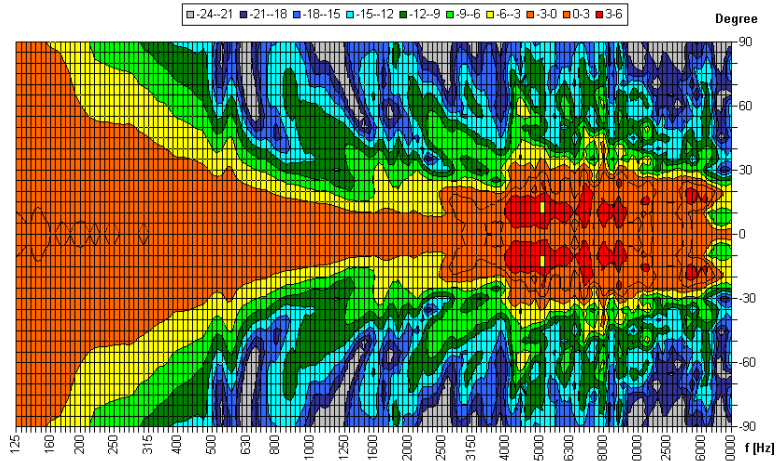
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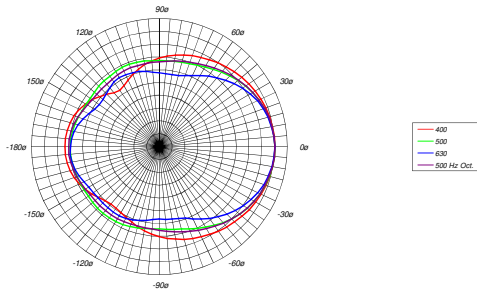
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**MMX 45L VERTICAL DIRECTIVITY PLOT (for 1 x MMX 45L)**  
 Vertical directivity is configuration dependent, please refer to the user manual

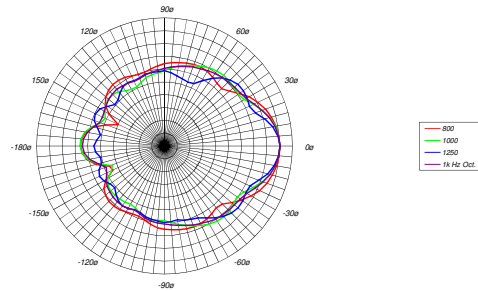


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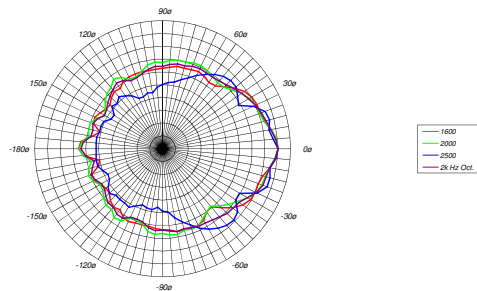
Side View Ver. Polarplots 500 Hz Octave 6 dB/div



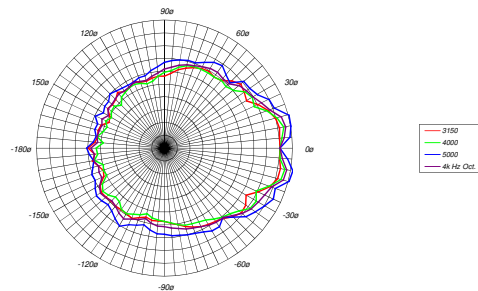
Side View Ver. Polarplots 1k Hz Octave 6 dB/div



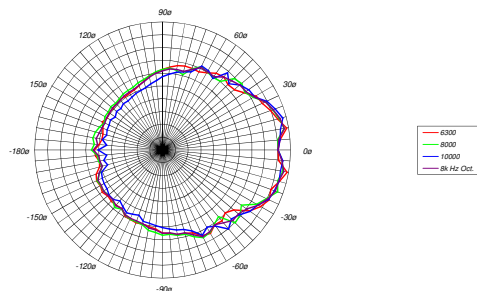
Side View Ver. Polarplots 2k Hz Octave 6 dB/div



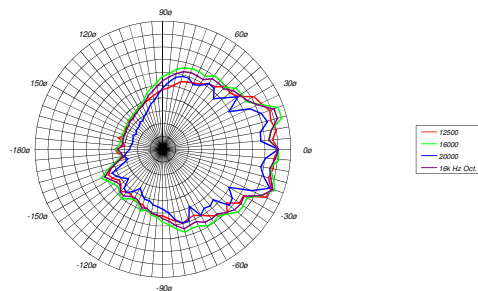
Side View Ver. Polarplots 4k Hz Octave 6 dB/div



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



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



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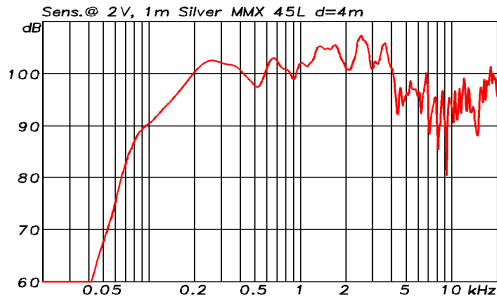
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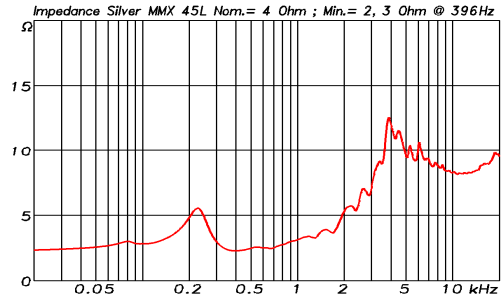
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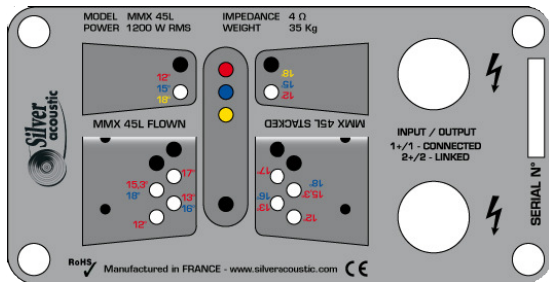
**MMX 45L Frequency Response**



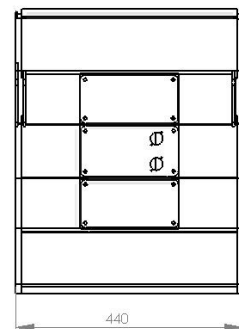
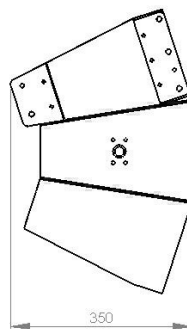
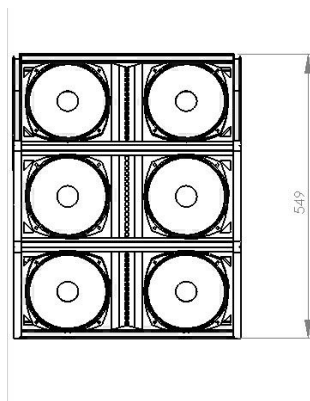
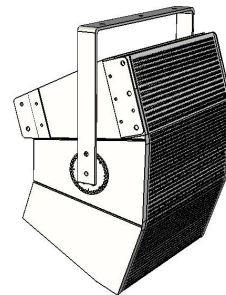
**MMX 45L Impedance curve**



**MMX 45L INPUT PANEL**



**WITH MMX LY SUP**



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