

# BLISS SILVER



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During one of the musical meetings of La Baule, I was struck by the beauty of the sound of the quartet of instruments named "evangelists" played by the Modigliani Quartet. These four instruments, made from the wood of one tree by nineteenth century instrument-maker JB Vuillaume, made me understand how much harmony could arise from a set of instruments conceived as a set rather than as individual pieces. Moved by the sonic beauty and sublime complementary harmony of these four instruments, I tried to apply a new methodology to the conception and the development of a pair of loudspeakers, designed not as single units but as a pair, to be played with each other for stereophonic listening. I saw that what was needed to achieve perfectly harmonious musical results would be an absolute match of the electric and mechanical performance of the pair. I thus began the study of the BLISSSILVER, which had to meet these specifications.

#### DETAILS OF THE CONCEPTION

##### CROSSOVERS

Components are sorted and coupled to present absolutely identical technical characteristics, they are point to point wired, the direction of winding (very important for capacitors) is carefully chosen, and their location with regard to the others components is perfectly optimized. The silver interconnection wires have strictly identical length and are directly welded to the components with a silver weld.

##### DRIVER UNITS

They are also paired to yield identical curves. Woofers are affixed to the cabinetwork by means of axial binding and their baskets are decoupled from the support with a damping joint. The magnetic core is threaded and a stainless steel, non-magnetic rod is screwed into it; it crosses the cabinet throughout and is bolted to the bottom face of the cabinet. This technique allows a perfect connection of the loudspeaker's basket to its isolating joint, thanks to uniformly distributed mechanical efforts. The threaded rod establishes a tension between the facade and the bottom of the cabinet offering an absolutely stable mechanical reference to the loudspeaker, eliminating micro moves that always inhibit excellent transitory response. The branches of the basket are covered with damping compound to eliminate their appropriate sound color.

##### CABINETWORK

To channel all the energy reflected by the inner walls of the cabinet (the energy can't be absorbed but can be channeled), the inside of the cabinet is dressed in strategic places with a visco-elastic damping material. Thanks to this technique, the vibratory energy is thus transformed into heat.

##### PERFORMANCE

The tight integrity of the sound, the very high speed of transmission of the signal, the absence of box sound, and the harmonious coherence of the sound spectrum delivered by a pair of BLISSSILVER allows them to reproduce a very beautiful sound stage and rich tone, freed of the technical artifacts too often present in less accomplished systems. The Bliss Silver is the fruit of a very demanding design and supremely accurate work, where nothing is left at random during all the stages of its manufacture.

##### TECHNICAL DESCRIPTION

Two way.

**Woofer** 7" composite cone made paper/carbon compound with aquaplast core, anti vortex phase plug. Axial binding to the bottom face of the cabinet thanks to a stainless steel non-magnetic rod.

**Tweeter** 1.1" pure silk soft dome, double neodymium magnet system, tuned rear chamber, anti resonant front horn with plastiflex coating.

**Loading Principle** 4 cavities, coupled and optimized allowing a controlled movement of the air circulating inside the cabinet and reducing its surtension.

**Power requirement** 30 à 120 watts

**Impedance** 4 ohms

**Sensitivity** 89 dB/W/M (2.83 volts)

**Range** 45 - 22 000hz

**Dimensions** L 8,8" P 11" H 17"

**Weight** 10 Kg

**Raccordement** Mono-wiring

**Finish** pearly anthracite gray or natural wild cherry veneer



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