

VIOLA – New generation active speaker system

Scope

In a very convincing way, the VIOLA is incorporating WLM's experience and knowledge in the making of loudspeakers. The active mode, craftsmanship in the finest Austrian tradition, with a few, however highly selected components, this purist 2-way speaker is one of the most authentic means of sound reproduction available today.



The decision to employ natural material is aiming primarily to improve the sound qualities, besides helping the environment.

The uncompromising preference for the active operation is based on the conviction that this is the superior technology of sound reproduction available today.

The combination of the VIOLA with the external, adjustable WLM filtering unit SYSTEM CONTROL is, due to the absence of other alternatives, by far the best choice.



Construction

The compact, resonance reducing cabinets is made of MDF boards, having a wall thickness of 20 mm. The bass reflex opening, located in the bottom of the cabinet, allows optimal sound dispersion to all sides.

Very stiff paper membranes and pure sheep wool for the dampening of the cabinets are natural materials that improve acoustics and assist the environmental cause.

The unique PAC-Tweeter assembly, a very important functional element of the WLM-speakers, is placed on top of the speaker housing

The powerful mid-range/bass driver has a diameter of 8" (210 mm).

Being conceived for the active operation only, the VIOLA has no built-in filter of its own.

Functioning and quality of sound reproduction

Only in conjunction with the external filtering module SYSTEM CONTROL the VIOLA is able to display its full and unique potential. Via the SYSTEM CONTROL you are able to adjust and optimize the sound reproduction to the prevailing acoustics of any given room. Having a sensitivity of 98 dB/1W, the VIOLA is not very demanding regarding the power rating of the amplifiers to be used.

The unusual extension and depth of the three-dimensional sound stage, the finest resolution of detail, clarity of sound right to the smallest roots of the signal, coherence over all frequencies, a breath-taking build-up of a solid bass foundation are some of the impressions of listening.

However, all attempts to describe the properties of this speaker will fall short to the impact of the first encounter with this new speaker's performance. After all, the emotional part of this listening experience, the way this speaker will touch our mind and soul, each of us will have to judge for himself.

Technical Specification

Chassis / Driver	PAC – Tweeter-System 210 mm Paper Low-/Mid-Chassis
Impedance	8 Ohm
Frequency Range	32 Hz to 20 kHz (fully active with WLM - System Control)
Efficiency	98 dB
Suggested Amp Power	3,5 to 200 Watt
Connections	Bi-wiring
Dimensions	1100 mm Height 230 mm Width 300 mm Depth
Weight per Speaker Unit	21 Kg