

LYRA – Entry to Perfection

Scope

LYRA marks the entry level of the WLM range, ideal for all of those having smaller budgets, however want no-compromise access to the ambitious WLM world. While following the main WLM design features (2-way system, dimensions, quality of drivers, cable connections), it is conceived as a passive speaker, not to be up-graded for the active operation. However, in combination with the WLM module PASSIVE CONTROL the LYRA can be used in this extended mode as a partially active speaker. The box is made of the commonly used MDF boards, however finished with real timber veneer.



Construction

The cabinet is using boards of 20 mm thickness, with additional inner bracing, resulting in a very stable structure, free of resonance and solid base for the strong drivers. The bass reflex opening is placed at the bottom of the cabinet; this invisible, however practical solution allows to disperse the additional signal waves evenly to all sides.

The unique PAC-Tweeter assembly, a very important functional element of the WLM-speakers, is placed on top of the speaker housing for improved dispersion and exceptional soundstage creation; also to avoid interference with the mid-range/bass driver.

In addition to the functional drivers, (only) the LYRA has a passive membrane, offering the speaker an audible and appreciable extension of the low frequencies.

The built-in crossover allows a bi-wiring connection to the amplifier via the sturdy WBT connectors (Banana or forked shoes).

The optional (external) PASSIV CONTROL feature allows adjustments of the mid-range/low frequencies to the prevailing room acoustics and to individual preference of sound.

Via TWEETER CONTROL (offered as a standard in the terminal) the reproduction of the high frequencies can be easily adjusted to the individual listening preference and prevailing room acoustics.



Functioning and quality of sound reproduction

The choice and combination of the components in a more traditional technique is resulting in a loudspeaker having a sensitivity of 98 dB/1W, able to reproduce any given source very authentically with great precision.

The very coherent sound reproduction, building on a fully spread foundation of mid-range and low frequencies, is able to reproduce any musical signal over the entire frequency range in the finest branches and nuances.

The capability to build up stages in 3-dimensional direction, particularly due to the unique PAC-technology, is unusual in this price category.

The clean and precise, yet very careful handling of the musical signal is delivering a pleasantly dry yet warm sound, inviting to keep listening to any type of music with no strain at all.

Technical Specification

Driver / Chassis	PAC – Tweeter-System 210 mm Paper Mid-Range/Bass Chassis 210 Passive Membrane
Impedance	8 Ohm
Frequency Range	40 (30*) Hz to 20 kHz (*with PASSIVE CONTROL)
Efficiency	98 dB
Recommended Amplification Power	3,5 to 200 Watt
Connection	Bi-wiring
Dimensions	1100 mm Height 230 mm Width 300 mm Depth
Weight per Speaker Unit	21 Kg