

Thrax Lyra

Two Way Loudspeaker system



Lyra is a unique 2-way speaker system. It features a new breed of high frequency driver loaded with a very special horn system, complimented by 2 magnesium diaphragm mid/bass drivers in a all aluminium ported enclosure.

Features

- Two way passive loudspeaker system
- Based on d'Apollito MTM configuration
- Extremely solid entirely aluminum enclosure
- Internal bracing and damping
- A custom ring diaphragm compression tweeter
- A proprietary ultra short horn with shaped directivity
- 1500Hz crossover point
- Two low distortion magnesium cone mid/woofers
- Wax impregnated foil wound inductors in crossover
- Silver capacitors on tweeter
- Sealed and potted crossover assembly
- Furutech binding posts
- Dedicated stand

Technology

Lyra features a solid aluminum carved front panel incorporating a horn with specific directivity and frequency response as to perfectly match the directivity of the adjacent woofers. The geometry of the front plate is such that it is time aligned between the tweeter and woofers.

Thrax uses a custom designed ring diaphragm compression driver with lower than usual compression ratio. The combination features 112db/Watt/1m sensitivity and a very low resonance allowing the effective use to below 1500Hz. This driver/horn implementation allows for very high sound pressure levels with extremely low distortion without any spurious noises. Being capable of handling extreme power and unprecedented sound pressure levels without compression reveals the true dynamics and texture of the music.

The magnesium diaphragm woofers chosen are able to match the speed and clarity of the tweeter at

the expense of a cone break-up mode in the upper midrange, so utmost care has been taken to ensure this resonance never gets excited.

The speaker system features an uncommonly high sensitivity of 90db/Watt/1m making it usable with lower power amplifiers or in very big rooms.

Bass extension is very generous considering the size of the speaker and it's efficiency. It is able to sustain severe power levels without compression.

The filters are potted in special resin to prevent vibration and are constructed using resonance free foil wound inductors and premium Polypropylene capacitors.

The all aluminum body is internally damped for vibrations and resonance.

Lyra is clearly styled as a Thrax family product with a dedicated stand developed for optimum performance and appearance.

Specification

- **Impedance** : 4Ω
- **Max Power Handling**: 250W
- **Dimensions**: 210W x 385D x 520H mm
- **Weight**: 35Kg
- **Sensitivity**: 90db/1m/2.83V
- **Frequency band**: 34~20 000Hz



Thrax
Model: Lyra
Serial No.: 5101117
Made in EU

