

EXTRAORDINARY SOUND DESIGNS FOR EXTRAORDINARY PEOPLE

Phi MKII

GamuT®

www.gamutaudio.com



INTRODUCTION AND BACKGROUND

With an optimized production setup we can now offer this exquisite, strong, and inert enclosure solution for music lover to enjoy outstanding performance from real world priced speakers.

Having the new improved sonic foundation from the laminated form pressed enclosure, we have done our utmost to optimize other components used, to obtain an absolute maximum of performance.

We designed a new woofer and midrange driver based on a wood fiber cone structure, using a size optimized inverted spike dust cap, a low distorting magnet system using aluminum shorting rings, and a dynamic linear suspension. We finished off the performance by hand doping the cones with our proprietary organic leather oil treatment, first used for our El Superiores mid/woofer drivers.

Our tweeter is our well known dual ring tweeter, now taken to new heights by an optimized version of the NRLI network.

The NRLI network is assuring seem less integration between the woofers, midrange and tweeter, by creating a Non-Resonant perfectly Linked Impulse reproduction. NRLI

We also optimized the internal acoustics. The new less resonant character of the enclosure lets us minimize the use of acoustic damping to obtain a higher level of impact and dynamic accuracy, as well as improving the quality and level of bass reproduction.

The Combination of all of the advantages from the new enclosure, the new higher performing bass/mid drivers, the optimized NRLI network and the new impulse accurate internal acoustics, lifts the performance of the new Phi's way above what can be expected in this size and price range, and gives the Phi's a performance level belonging to the top of audiophile musical speakers.



PHI 3

Our Phi 3 packs the heat in a compact size. Expect the full scale and imaging, and a level of detail and dynamics only from true high end speakers.

The Phi3 is easy to live with, easy to position and easy to drive.

Your wife and budget may even like them! Use Phi 3 in a pure stereo set-up in a room under 40 m² or use it in a multi channel set-up.



PHI 5

If your love for music comes in full scale the Phi 5 is the partner for you.

The beautifully proportioned floor standing speaker has the looks to die for, and packs all the technology we have available.

The Phi 5 is the perfect main speaker for your stereo system or in a combination with a home theatre surround system.

PHI STAND

The GamuT speaker stands with delicately designed to match with the Phi series. Still slim but very robustly with metal base and top on a mdf stand. You will get substance and performance equal to your choice of high end speakers.



PHI 6 CENTER

The center speaker for your home theater set-up using the same driver configuration and x-over frequency for the treble ensuring a consequent unique performance for the entire Phi series.

Complete the space in your listening room with sound homogenous between the front speakers and voices coming from all directions.

ENCLOSURE CONSTRUCTION

Impulse optimized bass reflex enclosure. Laminated Form Pressed Enclosure. The internal bracing and pressure control segments to optimize cabinet surfaces behaviour.

INTERNAL ACOUSTICS

The internal pressure is guided and controlled by the fan shaped reinforcement structure, and a full height vertical reinforcement structure. These critically positioned structures time aligns the coupling to the port openings and holds the internal acoustic dampening material to achieve an optimum of dynamic linearity simultaneously with a well damped acoustic environment.

PORT OPENING

Flow optimized 3 mm thick high pressure polymer.

DRIVERS

Woofer and midrange driver based on a wood fiber cone structure, using a size optimized inverted spike dust cap, a low distorting magnet system using aluminium shorting rings, and a dynamic linear suspension.

Woofer and midrange drivers are receiving a specially developed hand applied treatment of the cone structure that minimizes coloration and optimizes the natural reproduction of voices and instruments.

Double ring radiator with stainless steel wave guide.

INPUT TERMINALS

GamuT Machined Gold plated Bronze and aluminium terminals. Connection options: Minimum loss bare wire connection, 8 mm Spades or 4 mm Banana.

THE NRLI NETWORK

Our Non resonant Linked Impulse solution. NRLI is designed to operate in the time-domain and perform resonance control.-NRLI aligning the drive-units impulse wise-NRLI is optimizing the resonant behavior of the individual drivers and the network itself.

DC COUPLED MIDRANGE

The DCCM purpose is to eliminate the phase shift between the midrange and woofers seen in conventional network designs. The DC coupling means that the midrange driver is directly connected to the amplifier, not using a capacitor to filter the low frequencies.-The DCCM filtering (attenuation) of low frequencies is done by using a combination of series and parallel layout of the network, thereby achieving the attenuation of the lower frequencies without adding phase shift to the midrange signals.

FRONT COVER

Flow optimized MDF frame covered by acoustically transparent fabric