

Phi



GamuT

Product information

Phi-Series

It is with great pride we introduce the new GamuT Phi Series.

The Phi series is based on the technologies that were developed for the GamuT L-series loudspeakers with a few new ideas and solutions added.

The Phi3, Phi5, Phi7, Phi-LcR and the upcoming Phi Sub all use exclusive and proprietary technologies developed by GamuT to establish a new standard for audio performance in their price range.

Driver Technology:

For the Phi series a completely new range of bass and treble drive units has been designed that optimize the dynamic accuracy, increase the resolution of details, and minimize/control resonances.

Tweeter Details:

- Optimized directivity wave guide in stainless steel
- Die cast front plate for reduced resonance, and optimized acoustic coupling
- Optimized low distortion magnet system

Woofers Details:

- New long throw low loss suspension, for more bass output and better dynamics
- Wood fibre cone material for optimal resonance control
- Optimized machined centre wave guide for higher transparency and lower coloration
- Dynamic stability magnet system with low distortion magnetic pole design and aluminium ring inserts for optimum dynamic stability.

Crossover Technology:

A proprietary NRLi crossover technology is used for all models to assure unsurpassed transparency, dynamic contrast and the most accurate 3D-imaging possible.

The 3-way Phi5 and Phi7 use our breakthrough DC coupled Midrange network design in combination with our Acoustic Coupled Driver technology for increased bass output and extreme transparency.

Acoustic technology:

As in all GamuT speakers, a special and unique acoustic damping material placement is used to ensure optimum dynamic accuracy and detailing, the lowest possible acoustic resonance and maximum internal acoustic control.

The Phi series are were designed for the ultimate result in reproduction accuracy. This requires that the mechanical and electrical parameters of the drivers are perfectly optimized to the acoustic volume and that the trimming of the reflex port openings is no less than perfect to obtain the best possible impulse response.

Design & Cabinetry:

Besides their beautiful appearance the Phi's cabinets are designed for optimum resonance control and quality. This is achieved by using high quality real wood veneer on high pressure MDF, multiple internal bracings and an external Resonance Control Groove, which combined keeps the coloration from the cabinet at a minimum. Another important new design feature is the "Auto Aligning Feet" that assures optimum control and coupling to the surrounding elements.





Phi 5

The Phi5 is the smallest of our floor-standing speaker in our new Phi series. The beautiful Phi5 was developed by using all of the proprietary technology found in our L-series and its state of the art technical design delivers all the 3D imaging, the resolution, detailing, dynamics and the transparency you would expect from a GamuT product.

The Phi5 introduces our new "Auto Aligning Feet" that features a twistable knob to eliminate resonances in the coupling between the speaker and the floor.

With its three proprietary GamuT designed 5,5" woofers and a newly optimized dual ring radiator tweeter, the performance of the Phi5 sets new standards for speakers in its size and price range.

Prepare to be amazed by the Gamut Phi5.

Use the Phi5 as the main speaker in a 2-channel setup, or as an exclusive surround setup in combination with the Phi3 and Phi-LCR and Phi Sub.

Phi 7

We proudly present our highest performance speaker in the PHI series: The Phi7.

Using all the knowledge gained during the development of the GamuT L-series, the Phi7 will amaze you with its dynamic contrast and resolution, its unparalleled 3D imaging, and impact and extension in the bass. The five mid-woofers work in perfect unison with our proprietary DC Coupled Midrange technology and our Acoustic Coupled Driver technology to bring your audio experience to new heightened levels.

The tall baffle with the woofers distributed over its height gives an excellent acoustic coupling to the listening room and assures maximum control over resonances generated in the listening room itself.

Treat yourself to experience the audio excellence provided by the Phi7. The Phi7 will boost you expectations of the performance level possible to achieve from speakers designed with a true architectural approach in mind.

We recommend using the Phi7 as your main speaker in a 2-channel setup, or as part of a surround system experience in combination with any of the speakers in the Phi series. For even more impact and weight consider adding the Phi-Sub.



Phi3

Our Phi3 is developed for the true audiophile who above all cares for music reproduction.

In its tiny exquisite architectural packaging the Phi3 delivers resolution and dynamics belying its small size. As a pure 2-channel loudspeaker the Phi3 is best suited for rooms up to 40 m². For larger rooms or deeper reproduction of the lowest octaves we recommend combining it with our Phi Sub for the best match of speed and dynamic capability. The Phi3 will be your perfect partner for a multi channel surround setup using four or six pcs in combination with the Phi-LCR as centre and one or two Phi Sub's.



Phi-LCR

The Phi-LCR was developed to be used in a 5 or 7 channel surround setup. Featuring two of the GamuT 5,5" mid woofers the Phi-LCR is also an excellent 2-channel transducer. So if you need the extra sound pressure level (SPL) compared to the Phi3, check out the Phi-LCR.

The Phi-LCR is developed to match any of the Phi series speakers as a centre channel speaker, as a combined front and centre channel speaker, or as the only speaker in a full surround setup.

We recommend our Phi sub's to cover the lowest octaves in combination with the Phi-LCR.

| Model | Phi3 | Phi5 | Phi7 | Phi-LCR |
|---------------------------|--|---|---|---|
| Teknical Data | | | | |
| System | 2 way | 3 way | 3 way | 2 way |
| Bass/Midrange driver unit | 1 x 150 mm (5,5") * Wood fibre cone, Low loss suspension, Low distortion dynamic linear magnet system, Spike mounted free flow chassis, Machined centre wave guide. | 3 x 150 mm (5,5") | 5 x 150 mm (5,5") | 2 x 150 mm (5,5") |
| Tweeter | 25 mm (1") * Dual Concentric Ring Radiator | 25 mm (1") * Dual Concentric Ring Radiator | 25 mm (1") * Dual Concentric Ring Radiator | 25 mm (1") * Dual Concentric Ring Radiator |
| Freq. Response | 54 - 45000 Hz | 46 - 45000 Hz | 35 - 45000 Hz | 65 - 45000 Hz |
| Impedance | 4 ohm | 4 ohm | 4 ohm | 4 ohm |
| Sensitivity | 86 dB | 88 dB | 90 dB | 88 dB |
| Size (H x W x D) | 320 x 170 x 240 | 1000 x 170 x 240 | 1200 x 170 x 350 | 170 x 500 x 240 |
| Weight | 6,8 kg | 18,9 kg | 30,9 kg | 9,7 kg |
| Recom. Power amp. | 100 - 300 W | 100 - 400 W | 100 - 500 W | 100 - 350 W |

Specifications subject to change without notice.

* Specially made for the GamuT Phi-Serie by Lars Goller

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