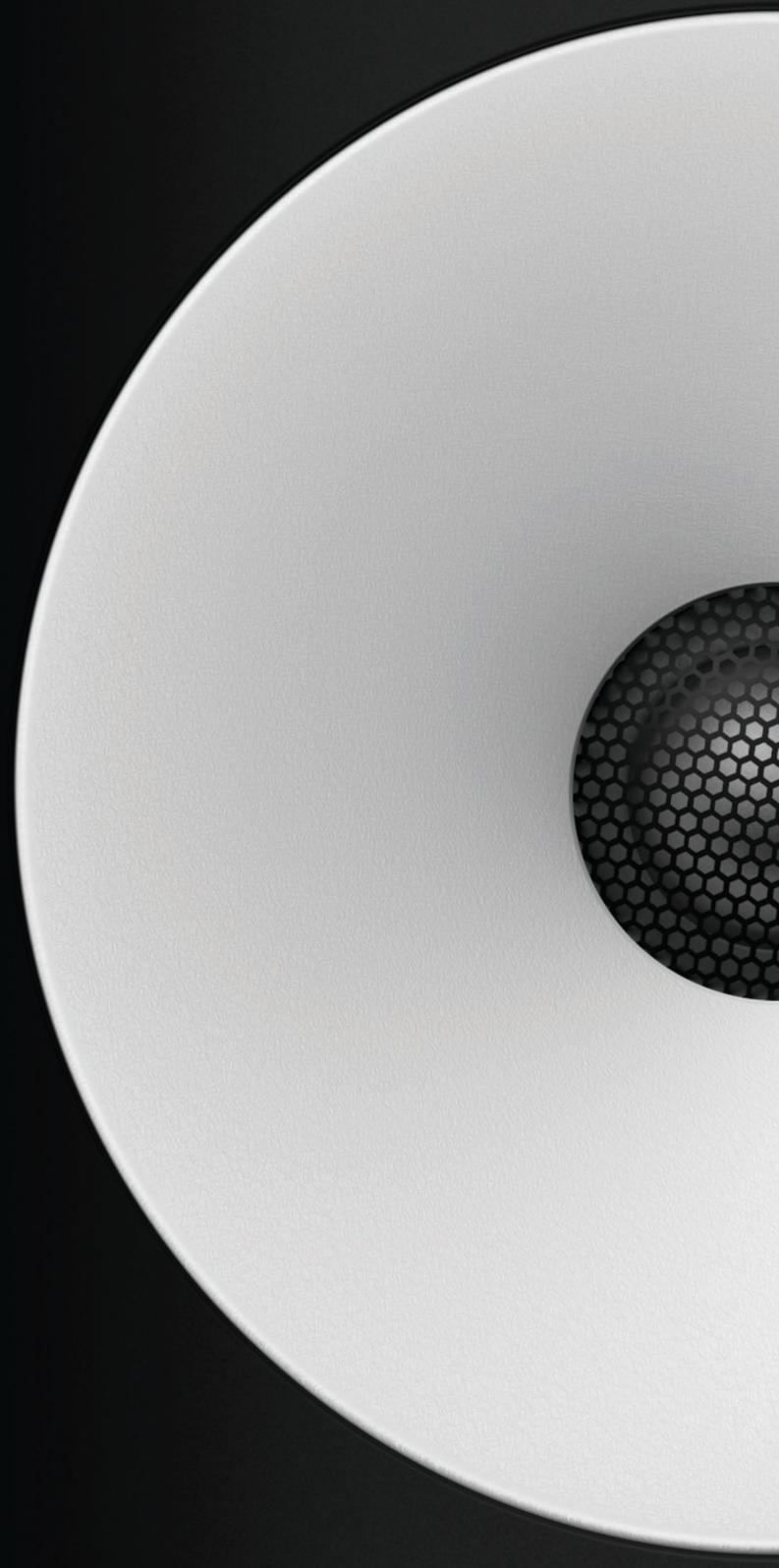


amphion[®]



beautifully immersive



Industry leading translation

Seamless 3D soundscape

Immaculate channel cohesion

DSP-free acoustic purity



Beautifully immersive

Immersive audio environments create specific demands on monitoring. As the number of channels grow, even the slightest shortcomings can lead to inconsistency between channels and spatial issues, resulting in a lack of cohesion. Precise imaging and immaculate phase behaviour are a must when creating a perfect immersive sound field. Re-creation of correct depth information is the most common shortfall. Amphion's acoustic design, with waveguide and low crossover, improves driver-integration and phase-coherency. This leads to pinpoint imaging needed to place objects precisely on the three-dimensional soundscape.





Pinaxa Studio - Milan, ITALY

Beautifully simple

Amphion monitors are acoustically advanced and free of DSP processing. A clean and short signal path contributes to uncompromised transparency and resolution. As immersive monitor controllers are built around powerful DSP engines, combining them with transparent, resolving, and phase-coherent monitoring ensures the best possible results. As all signal-processing takes place within the software and monitor controller, the ultimate performance is achieved in a synergy with transparent, high resolution monitors. Removing all unnecessary clutter from the monitoring chain allows extracting top performance from modern immersive monitor controllers.

Studio monitors | Seamless and uniform

As immersive systems are often built with different monitors, consistent sonic balance and dispersion qualities between channels are vital. The sonic and acoustic properties throughout the Amphion monitor range remain consistent, as every monitor utilizes our proprietary waveguide, passive radiators, and identical tweeters with 1600 Hz crossover. This, along with tight production tolerances, leads to uniformity, sonic consistency, and acoustically predictable and stable behaviour. Amphion's controlled dispersion and passive radiators allow monitors to be placed close to ceilings or walls with no noticeable affects to the sound.



Power amplifiers | Optimizing cost / performance

Longevity and high cost/performance ratio are an integral part of Amphion's philosophy. Instead of focusing on separate single products, the emphasis is on modular and system-centric approach. Amphion amplifiers deliver rock-solid control as well as tight, fast, and high-resolving power to get maximum performance from monitors. To reach the required sonic character, an in-house designed buffer complements the merits of the latest Class-D technology. The buffer stage improves the impedance characteristics and cohesion between the channels, so that all channels can form an immaculate sound-field, where even the smallest spatial details can be noticed.



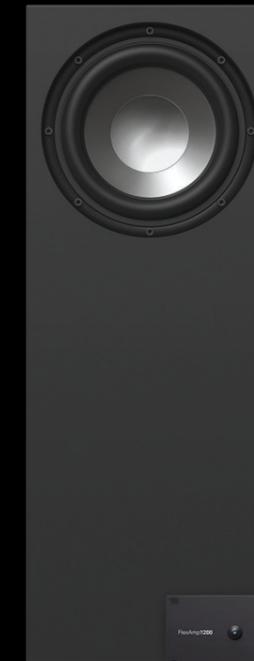
Amp700



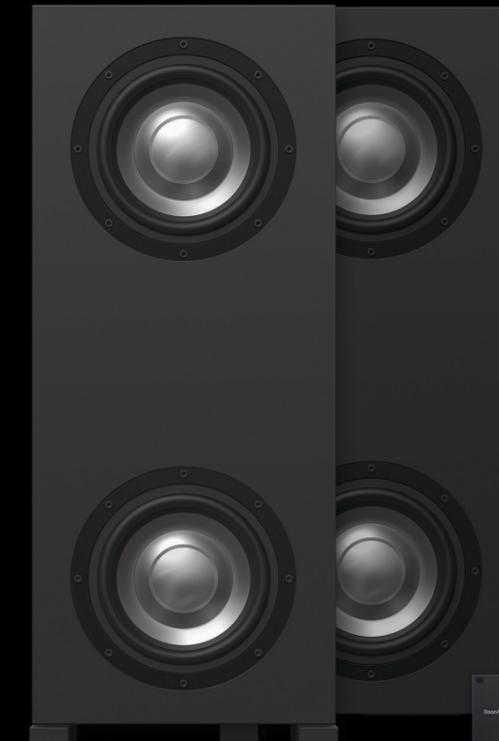
Amp400.8

Base systems | Elevate your monitors

Since the introduction of first Base extension system in 2015, Amphion has insisted that stereo separation must be kept also for the lowest frequencies. What is valid for a 2-channel, is equally valid for an immersive environment. Correctly-produced bass information not only improves channel separation, but also contributes to three dimensionality - which is a fundamental building block to create natural immersion. In addition to elevating your two-way monitor into a cohesive 3-way full range system, Amphion base systems can be used for bass management or LFE duties.



FlexBase25 | FlexAmp1200



BaseTwo25 | BaseAmp1200

Mounting accessories | Safe & speedy installation

To ensure both safe and speedy installation, Amphon monitors can be equipped with an Amphon-specific adaptor, designed to connect securely to industry-leading Konig & Meyer mounting hardware. The adaptor is affixed directly to the cabinet via same secure connection points that are used to fasten the binding posts to the cabinet. To ensure precise and vibration-free installation, the adaptor is made of heavy gauge, zero-flex steel. Detailed information, mounting advice, and instructions for professional installers are available on our Support pages.

Wall Mount

Applicable Models:

One12 (Oriented vertically or horizontally)

One15 (Oriented vertically or horizontally)

Parts:

Amphon Adaptor (Monitor/Mount interface)

3rd-Party Wall Mount (Konig & Meyer product)

K&M 24471-000-55



Wall Mount

Applicable Models:

One18 (Oriented vertically only)

Two15 (Oriented vertically only)

Two18 (Oriented vertically only)

Parts:

Amphon Adaptor (Monitor/Mount interface)

3rd-Party Wall Mount (Konig & Meyer product)

K&M 24481-000-55



Ceiling Mount

Applicable Models:

One12 (Oriented vertically or horizontally)

One15 (Oriented vertically or horizontally)

One18 (Oriented vertically only)

Parts:

Amphon Adaptor (Monitor/Mount interface)

3rd-Party Wall Mount (Konig & Meyer product)

K&M 24496-000-55



Room Solutions

7.1.4

SMALL
AND
COMPACT

1

- **Seating Position**
- **Main LCR:** 3 x One15
- **Surround:** 4 x One12
- **Ceiling:** 4 x One12
- **Bass Extensions:** 1 x FlexBase25 System
- Amplifier:** 2 x Amp700 for LCR
Amp400.8 for Surround & OH

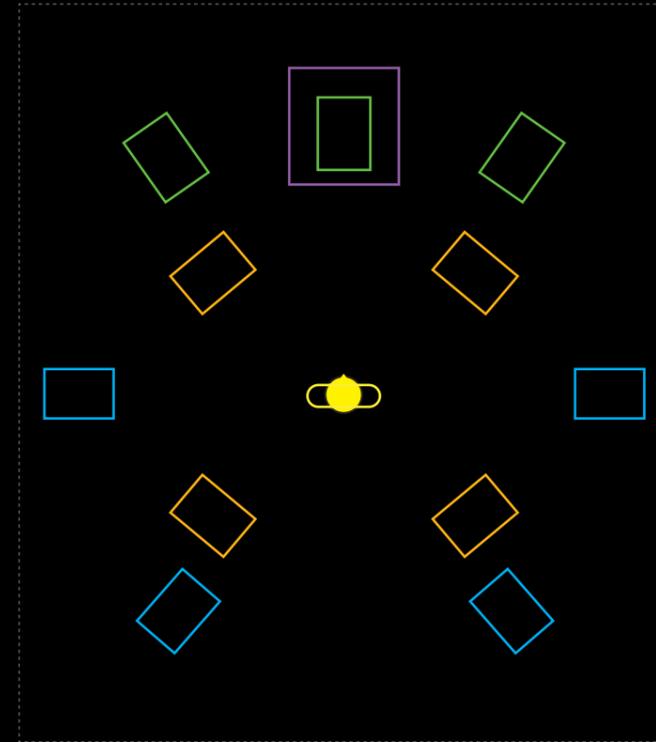
Listening Distances ~ 0.75 m - 1.5 m

2

- **Seating Position**
- **Main LCR:** 3 x Two15
- **Surround:** 4 x One15
- **Ceiling:** 4 x One12
- **Bass Extensions:** 1 x FlexBase25 System
- Amplifier:** 2 x Amp700 for LCR
Amp400.8 for Surround & OH

Listening Distances ~ 1.0 m - 1.75 m

Amphion products are adaptable to the main Immersive Audio creating formats (depending on room size) eg. Dolby Atmos, 360 Reality Audio, DTS:X. This brochure showcases Amphion Loudspeakers in a Dolby Atmos studio environment.



Dolby Atmos Room & Dimension Specifications *

Minimum layout height	2.4 m
Minimum layout width	3 m
Minimum layout length	3.5 m
Recommended room volume	>50 m ³
Speaker distance to mix position	Maximum 5 m (less than 4 m recommended)

* c/- Dolby Atmos Certification Guide

7.1.4

MEDIUM

1

- **Seating Position**
- **Main LCR:** 3 x One18
- **Surround:** 4 x One18
- **Ceiling:** 4 x One15
- **Bass Extensions:** 1 x BaseTwo25 System
- Amplifier:** 2 x Amp700 for LCR
Amp400.8 for Surround & OH

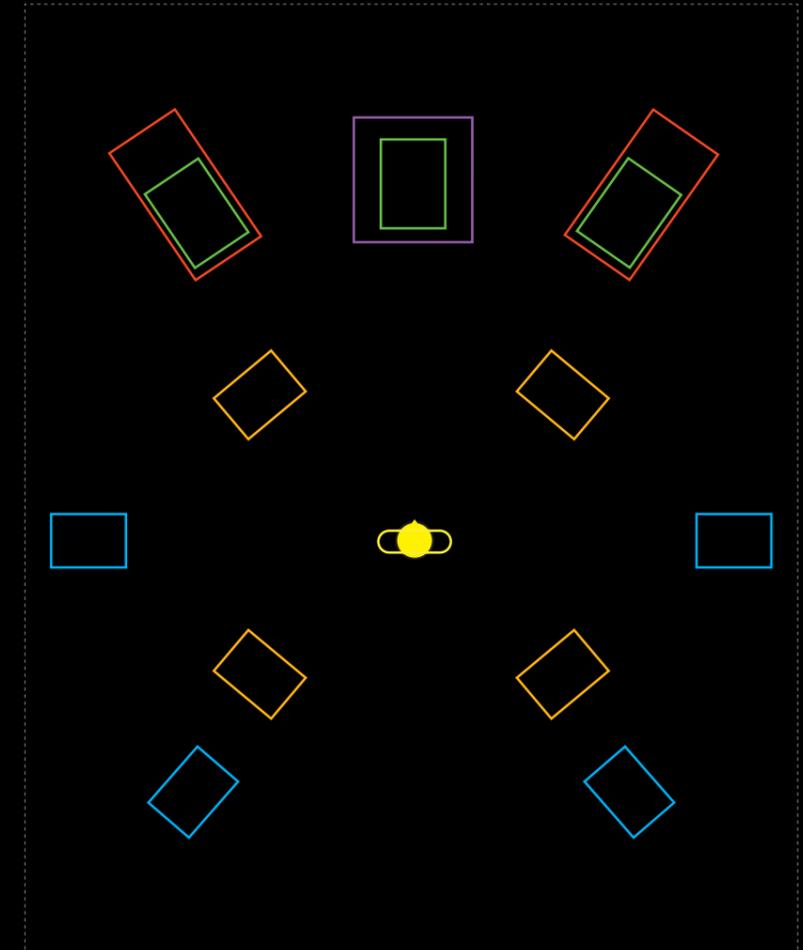
Listening Distances ~ 1.25 m - 2.25 m

2

- **Seating Position**
- **Main LCR:** 3 x Two18
- **Surround:** 4 x One18
- **Ceiling:** 4 x One18
- **Bass Extensions:** 1 x BaseTwo25 System
- **LFE:** 1 x FlexBase25 System
- Amplifier:** 2 x Amp700 for LCR
Amp400.8 for Surround & OH

Listening Distances ~ 1.5 m - 2.5 m

Configurations shown are examples, please contact Amphion HQ or your local Distributor/Dealer to find the best solution for you and your room.



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