

# Mission 700

*Classic Loudspeakers*

MISSION

45  
YEARS  
1977 - 2022



*\*speakers available in classic walnut and black oak finishes*

Recommended Retail Price: £1,499 (700 speakers & stands)  
£1,299 (700 speakers)  
£ 299 (700 stands)

## Availability

Order Date:	July 2022
Shipping Date:	August 2022

## Overview

**Mission** is a brand that purveys lifestyle audio fusing Hi-Fi heritage with contemporary design. Music leads, technology follows.

Revisited as a sister model to the eagerly anticipated reintroduction of the Mission 770 - a model which heralded the return to UK manufacturing for the Mission brand; the **Mission 700** takes what was referred to as an 'industry benchmark, in the original **700** model, but utilises Mission's 45 years of evolution and development in loudspeaker design.



Led by Mission's Director of Acoustic Design, Peter Comeau, the new **Mission 700** bears a striking aesthetic resemblance to the original. However, there are many complex innovations and improvements that bring this revered model bang up to date.



As with the flagship 770, **Mission** has developed a new polypropylene bass/midrange driver and model-specific motor system. This transducer not only upgrades the loudspeaker's integral design to take account of modern power handling and dynamic requirements, but it also maintains the extended response and low colouration of the original model with all the hallmarks and distinction of a class-leading loudspeaker. From the rigid, cast chassis to low-density surround, every aspect has been revisited to offer a driver with improved rigidity and precision-controlled cone-termination for dynamic performances and offer tight, fast, energetic output.

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The distinctive reflex port has been carefully profiled both internally and externally to achieve very low distortion and extension to below 38Hz in-room - quite an achievement from a cabinet of this size!

Employing a new lightweight, coated microfibre dome for the high-frequency driver, the **Mission 700** replicates the flagship 770 with a specially damped rear chamber that offers super smooth treble performance, largely thanks to the resonance control offered by such a design.

The **Mission 700** was a precursor for what would become a Mission standard in an unconventional driver array, something **Mission** refers to as 'Inverted Driver Geometry'. Not just a design statement, IDG is a staple of **Mission** loudspeaker design from the **700** onwards. By positioning the treble unit below the bass/midrange driver, the length of the path is equalised so the sound waves coincide at the listener's head height. This principle improves 'time alignment'. Such design requires more than just inverting the speaker cabinet. Every aspect of the industrial and mechanical design requires a precision calculation to ensure the positioning, spacing and alignment aids the objective of optimum 'time alignment'. This is perfected by an artisan-level crossover design.



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Part of the **Mission** design process includes advanced software-based crossover mapping and simulation to accurately equalise the balance of the drivers for seamless integration into the overall loudspeaker performance. Not breaking with tradition or protocol, the efficiency of the software-based development is matched in equal part with 1000s of hours of listening tests. The resulting crossover design brings a musical character with thrilling detail and musicality not just matching but superseding the acclaimed level of performance set by the original **Mission 700**.

Form factor remains true to the original, wherever possible. This includes hand-applied, rich rose-tinted walnut or black real wood veneers and a luxurious laminated white-front baffle. However, as spoken of in the original design, the **Mission 700** makes use of less visible innovations incorporated into the design. The new **700** cabinet uses a sandwich construction of differing woods bonded by a layer of damping adhesive. Internal bracing adds further strength and support while a mixture of foam and long hair fibre provides internal resonance and reflection absorption.

As it was in the beginning with the original, the new **Mission 700** packs technology and know-how into a benchmark loudspeaker design that is never short in bass definition, frequency response; lack of colouration; imaging; transient attack; depth and perspective; accuracy and linearity; speed and dynamic range. And as you'd expect from a model with such nostalgia and history, the emotion in the musical performance is never short in supply!



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## The Mission Hi-Fi Ethos

- Celebrating 45th anniversary this year, as a company dedicated to acoustic innovation and development; **Mission** is a brand which purveys lifestyle audio that fuses Hi-Fi heritage with contemporary design.

## Resemblance to the Original

- Revisited as a sister model to the eagerly anticipated reintroduction of the **Mission 770**, the **Mission 700** takes what was referred to as an 'industry benchmark, in the original **700** model.
- Bang up to date - utilising a mixture of traditional and advanced technology, for optimum performance whilst staying true to the legacy.

## The Design Concept of Mission 700

- Classic **Mission** Inverted Drive Geometry (IDG) format - the length of the path is equalised so the sound waves coincide at the listener's head height. This principle improves 'time alignment'.
- Form factor remains true to the original - including the hand-applied, rich rose-tinted walnut or black real wood veneers and a luxurious laminated white-front baffle.

## Drivers Anew

- The **Mission 700** replicates the flagship **770** with a specially damped rear chamber that offers super smooth treble performance.
- As with the flagship **770**, **Mission** has developed a new polypropylene bass/midrange driver and model-specific motor system.
- The distinctive reflex port has been carefully profiled both internally and externally to achieve very low distortion and extension to below 38Hz in-room.



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## Endless Development

- As per the uncompromising workflow and standard of **Mission** loudspeaker development, hundreds of hours of listening plus custom designed Computer Aided Optimisation technology allows for the fine tuning of the crossover, perfecting the combination of the driver selection for ultimate performance.
- 1000s of hours of listening tests - the resulting crossover design brings a musical character with thrilling detail and musicality not just matching but superseding the acclaimed level of performance set by the original **Mission 700**.

## Emotion is Never Short in Supply

- The new **Mission 700** packs technology and know-how into a benchmark loudspeaker design.
- The **Mission 700** portrays the timeless design of a stunning loudspeaker cabinet with an authentic legacy.

## Mission 700 Stand

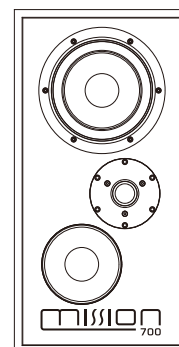
- Precise - perfected to fraction of a millimetre measurements, the **Mission 700** Stand is precision manufactured
- Solid - the **Mission 700** Stand base plate and structure are perfectly stable and offers critical damping from unwanted vibrations, ensuring you hear the **Mission 700** perform as it was intended!



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## Specifications

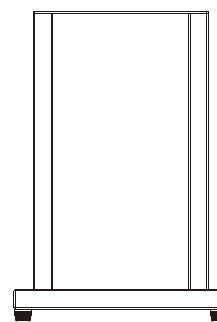
<b>General Description</b>	<b>Mission 700</b> 2-way vented-box / standmount
<b>Enclosure Type</b>	Bass reflex
<b>Transducer Complement</b>	2-way
<b>Bass Driver</b>	6.5" (165mm) mineral loaded polypropylene cone
<b>Treble Driver</b>	1.25" (28mm) soft dome
<b>AV Shield</b>	No
<b>Sensitivity (2.83V @1m)</b>	86dB
<b>Recommended Amplifier Power</b>	25-150W
<b>Peak SPL</b>	106dB
<b>Nominal Impedance</b>	8Ω
<b>Minimum Impedance</b>	5.2Ω
<b>Frequency Response (+/-3dB)</b>	45Hz - 20kHz
<b>Bass Extension (-6dB)</b>	38Hz
<b>Crossover Frequency</b>	3.0kHz
<b>Cabinet Volume (in litres)</b>	24.8L



<b>Dimensions (mm)</b>	
<b>Height (on plinth)</b>	510mm
<b>Width</b>	260mm
<b>Depth (with terminals)</b>	(270+22)mm
<b>Carton Size</b>	680 x 410 x 630mm
<b>Net Weight</b>	12.8kg/pcs

<b>Columns</b>	<b>Mission 700 Stand</b> High carbon steel with internal damping
<b>Top Plate</b>	High carbon steel
<b>Base Frame</b>	Interlocked high carbon steel tube
<b>Base Spikes</b>	Hardened stainless steel

<b>Dimensions (mm)</b>	
<b>Height (on spikes)</b>	485mm
<b>Width</b>	320mm
<b>Depth</b>	330mm
<b>Top Plate (W x D)</b>	260 x 270mm
<b>Carton Size</b>	740 x 410 x 130mm
<b>Net Weight</b>	6.5kg/pcs
<b>Gross Weight</b>	14.6kg/ctn



\*Flat packed for user assembly

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# Mission 700

*Heritage Loudspeakers*



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[www.mission.co.uk](http://www.mission.co.uk) [missionhifi](https://www.facebook.com/missionhifi) [missionhifi](https://www.instagram.com/missionhifi)

[Mission HiFi Official](https://www.youtube.com/channel/UC...) [missionhifi](https://www.twitter.com/missionhifi)

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