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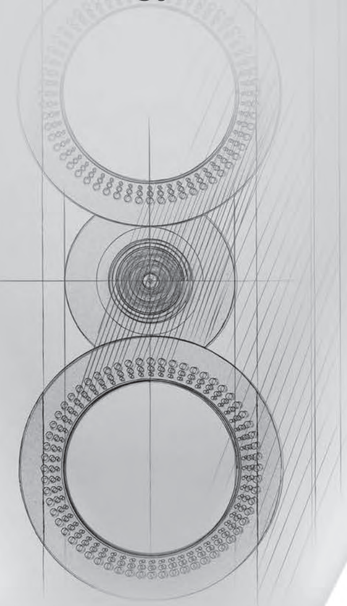
IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK

Music Leads,
Technology Follows



QX
MKII SERIES

The Mission Hi-Fi Ethos

The original QX series was established with much critical acclaim, in-line with many of Mission's classic loudspeaker offerings. The QX-2 was notably awarded numerous awards, including the prestigious What Hi-Fi? Best Standmount, £350-£500, 2018. Not just standout in terms of design and styling, the QX series typified the Mission approach – a no compromise, class-leading performance perfected by 100s of hours of listening tests, led by Mission's acoustic director; the legendary Mr Peter Comeau.

The Design Concept of QX MKII Series

As per all Mission speaker concepts, the process of listening, listening and more listening is the key to improvement. With the added benefit of modern speaker design tools, such as computer aided optimisation technology, crossover modelling and laser interferometry, Mission engineers also spent much time fine tuning the crossovers, components, materials and construction. Much like the now-established and equally class-leading Mission LX MKII series, the QX MKII series takes an already phenomenal loudspeaker solution but refines it, optimises it and brings even more vibrancy, finesse and class, through a process of evolution, not revolution.

QX
MKII SERIES

Ring of Fire

The Mission 'ring dome' treble unit returns with an incremental, but noticeable, improvement with development cues taken from the higher-end Mission ZX series. Mission's exclusive 'ring dome' utilises a woven textile material formed in a double ring arrangement. The combination of textile dome and multi-ring surround applies optimum stiffness to the maximum radiating area. The twin rear cavity non-reflecting design mean back pressure from the diaphragm is vented to a twin rear cavity, reducing resonance and maintaining a wide operating bandwidth.

Overcoming problems inherent in the physics of conventional domes, the 'ring dome' centre is fixed with a distinct and visible 'phase plug'. This design enables extended HF reproduction by preventing cancellation across the centre axis of high frequency waves produced near the centre of the diaphragm. The resonance experienced by traditional domes means that, when they approach high-energy, HF performance inevitably induces distortion. Managing this phenomena inevitably reduces the HF capabilities in traditional domes, whereas the 'ring dome' is all but exempt of this complication. The result is a better controlled and much more consistent behaviour from 10kHz to 20kHz, and way, way above! Transient performance is dramatically improved, as is musical detailing, particularly of instrument overtones and harmonics.

QX
MKII SERIES

Designated Diadriver

An improved acrylic fibre cone material has been chosen for the QX MKII drivers. By it's very nature, acrylic fibre is hard-wearing but offers a delicate appearance, in contrast of harsh driver materials seen in typical speakers of this price-class. Implemented into the Mission DiaDrive System, the acrylic fibre brings natural mids and exceptional lucidity. The seam-free curvilinear design has a conical support with an increased area of contact with the voice coil. This highly efficient and uncompromising system means the QX MKII series series will excel in terms of timing, with outstanding transient impact.

Cabinet & Slot Port Design

QX MKII also takes the ground-breaking serrated driver surrounds to a new level. More than just a technical appearance or pretty design touch, the surrounds have been improved by way of detailed air-flow analysis and precise measurement. The new-look QX MKII surrounds help scatter reflections and reduce airflow interference to improve the silky smooth performance of the drivers and ports.

SPECIFICATIONS


Walnut Pearl


Lux Black


Lux White

Model	QX-1 MKII	QX-2 MKII	QX-3 MKII	QX-4 MKII	QX-5 MKII	QX-C MKII
General Description	2-way Bookshelf Speaker	2-way Bookshelf Speaker	2-way Floorstanding Speaker	2-way Floorstanding Speaker	3-way Floorstanding Speaker	2-way Centre Speaker
Design Philosophy and Core Technology						
Enclosure Type	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass Reflex	Bass reflex
Transducer Complement	2-way	2-way	2-way	2-way	3-way	2-way
ABR						
Bass Driver	5"(135mm) Long Fiber Composite Cone	6.5"(165mm) Long Fiber Composite Cone	5" (135mm) Long Fiber Composite Cone x2	6.5" (165mm) Long Fiber Composite Cone x2	12" (300mm) Cone Long-throw x1	5" (135mm) Long Fiber Composite Cone X2
Midrange Driver					6.5" (165mm) Long Fiber Composite Cone x2	
Treble Driver	1.5"(38mm) Textile Ring Dome	1.5"(38mm) Textile Ring Dome	1.5"(38mm) Textile Ring Dome	1.5"(38mm) Textile Ring Dome	1.5" (38mm) Textile Ring Dome	1.5" (38mm) Textile Ring Dome
Full-range Driver						
A.V Shield	No	No	No	No	No	No
Sensitivity (2.0V @ 1m)	87dB	88dB	88dB	88dB	90dB	88dB
Recommended Amplifier Power	25-100W	25-120W	25-120W	25-150W	30-200W	25-120W
Peak Power Handling						
Peak SPL	95dB	95dB	95dB	95dB	96dB	95dB
Nominal Impedance	4Ω (compatible 8Ω)	4Ω (compatible 8Ω)	4Ω (compatible 8Ω)	4Ω (compatible 8Ω)	4Ω (compatible 8Ω)	4Ω (compatible 8Ω)
Minimum Impedance	3.9Ω	3.6Ω	3.8Ω	3.8Ω	3.5Ω	3.9Ω
Frequency Response (+/-3dB)	55Hz - 24kHz	44Hz - 24kHz	42Hz - 24kHz	36Hz - 24kHz	32Hz - 24kHz	58Hz - 24kHz
Bass Extension (-6dB)	48Hz	38Hz	36Hz	32Hz	27Hz	50Hz
Crossover Frequency	2.4kHz	2.2kHz	2.0kHz	2.2kHz	180Hz,1.8kHz	1.6kHz
Cabinet Volume (in litres)	8.1L	13.5L	35L	48L	16L/48L	8.1L
Dimensions						
Height (on plinth)	280mm	320mm	(950+20)mm	(980+20)mm	(1100+20)mm	175mm
Width	195mm	220mm	195mm	220mm	220mm	550mm
Depth (with terminals)	(250+10)mm	(300+10)mm	(300+10)mm	(335+10)mm	(400+10)mm	(170+10)mm
Carton Size	520 x 345 x 380mm	570 x 395 x 420mm	435 x 325 x 1100mm	470 x 350 x 1130mm	535 x 350 x 1250mm	640 x 265 x 280mm
Net Weight	6.2kg/pcs	8.5kg/pcs	20.0kg/pcs	23.8kg/pcs	34kg/pcs	8.6kg/pcs
Gross Weight	14.2kg/ctn	19.0kg/ctn	23kg/ctn	27.4kg/ctn	38.0kg/ctn	9.7kg/ctn