

MASS Surround Sound 2ND Generation

Monitor Audio launches MASS Surround Sound

All Round Entertainment

The second generation of the MASS surround sound system has been designed to deliver an improved audio performance from gracefully refined smaller cabinets that will complement any home. Loaded with Monitor Audio's renowned speaker technology, and with a choice of elegant cloth covers, MASS is an affordable and elegant package created to deliver a truly immersive sound.

MASS is a high performance, compact 5.1 home cinema system comprising five satellite speakers and a subwoofer designed to be sympathetic to the styling of modern rooms. The new drivers and crossover ensure the system produces class-leading sound.

Quick and easy to set up, MASS will bring a true home cinema experience into any room to allow full appreciation of a movie's soundtrack. Action sequences will set the spine tingling and voices will be perfectly reproduced with pure clarity.

Gamers and Home Cinema enthusiasts alike will love how MASS will make them feel like they are right in the middle of the action, taking their surround sound and gaming experience to a whole new level. Every nuance of sound is reproduced in perfect detail by the satellite speakers and the subwoofer provides deep bass grunt.

The bespoke stands are carefully designed for optimum listening position, and their graceful lines complement the speakers' stylish cloth covering. Available in Midnight (black-blue) and Mist (white-grey), the specifically made cloth covers have been developed to be acoustically transparent and to give the feel of a luxury piece of soft furnishing. The satellite speakers feature a cloth-wrapped rear cover to hide cables and connections to ensure they give a clean silhouette in any home environment.

MASS offers an affordable way to achieve exceptional home cinema and a new acoustic standard.



MASS Surround Sound – speaker by speaker

MASS Satellite

Features ‘at a glance’

- Two-way, sealed cabinet with optimised tuning providing perfect integration with the dedicated subwoofer
- Custom weave cloth
- Compact design approaches an acoustic point source providing excellent off-axis response
- 3¹/₂” Mid-Bass driver featuring;
 - MMP II (Metal Matrix Polymer) cone technology
 - Advanced FEA simulation used to optimise the cone & motor unit geometries
- 3/4” tweeter with thermal protection
- Rigid glass fibre reinforced ABS and MDF cabinet with extensive ribbing and integrated mid-bass driver chassis
- Integrated wall bracket and stand mount point.
Compatible with MASM wall bracket
- Rear cover to hide speaker binding posts



MASS Subwoofer

Features ‘at a glance’

- Compact Sealed Enclosure with 15mm MDF construction and internal bracing
- 18 mm Rigid MDF baffle
- Custom weave cloth
- 8” Long-Throw driver featuring MMP II cone
- 120 W Class-D amplifier for powerful output
- DSP providing accurate filter characteristics
- Advanced limiters designed to ensure the Mass subwoofer never loses control
- 3 x pre-set Modes (Music, Movie, Impact) for optimised performance



MASS Stands (Optional)

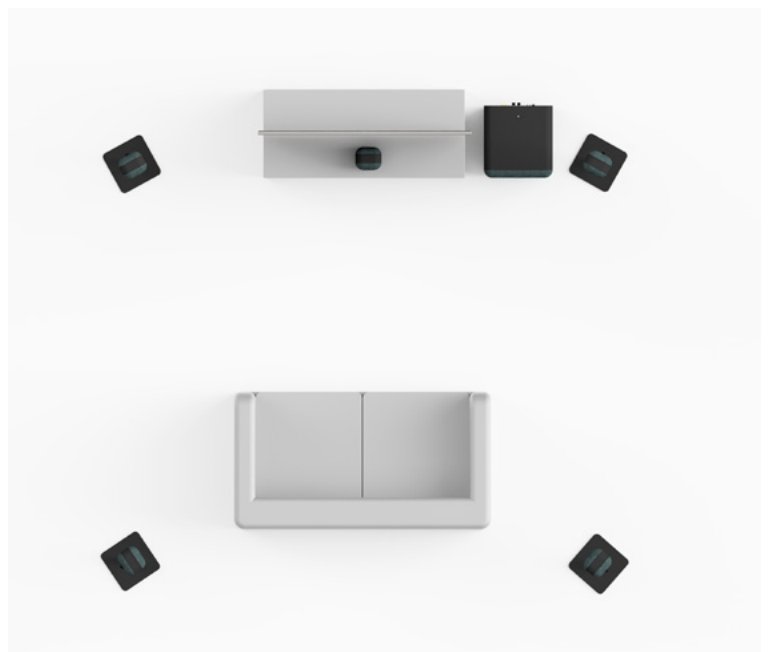
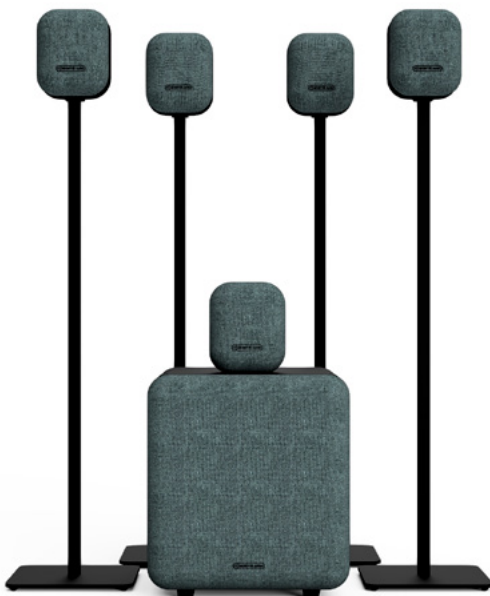
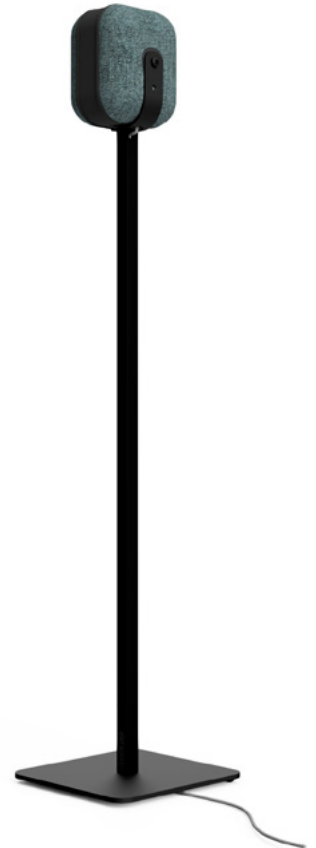
The new MASS stands have been designed to enhance the contemporary aesthetic of the range and to enable the satellite speakers to perform at an optimal height. They feature a precision cut base and pole and an integrated bracket to allow simple speaker attachment and a channel to discreetly hide the speaker cable.

MASS Surround Sound

Specifications

Model	MASS Satellite
System Format	2-Way
Frequency Response, Hz (-6dB)	105 – 34,000
Sensitivity dB (1W@1M)	80
Nominal Impedance (Ohms)	8
Minimum Impedance	4.4 ohms @ 300 Hz
Maximum SPL (dBA)	98 dB (Pair)
Power Handling (RMS) Watts	30
Power Handling (RMS) With Amplifier Crossover (150 Hz)	70 W
Recommended Amplifier Requirements (Watts)	25 – 100 W
Bass Alignment	Sealed Enclosure
Crossover Frequency	3.0 kHz
Drive Unit Complement	1 x 3 ¹ / ₂ " MMP II Mid-Bass Driver 1 x 3/4" Soft Dome Tweeter
External Dimensions Including Grille and Terminals (H x W x D)	147 x 122 x 107 mm / 5 ¹³ / ₁₆ " x 4 ¹³ / ₁₆ " x 4 ³ / ₁₆ "
Weight (each)	1.12 kg / 2 lb 8 oz
Finishes	Midnight (black-blue) Mist (white-grey)

Model	MASS Stands
External Dimensions including Feet (H x W x D)	905 x 220 x 220 mm / 35 ³ / ₈ " x 8 ¹¹ / ₁₆ " x 8 ¹¹ / ₁₆ "
External Dimensions including Mounted Satellite (H x W x D)	964 x 220 x 220 mm / 37 ¹⁵ / ₁₆ " x 8 ¹¹ / ₁₆ " x 8 ¹¹ / ₁₆ "
Finishes	Black White



MASS Surround Sound

Specifications

Model	MASS Subwoofer
System Format	Sealed cabinet, 15 mm MDF construction with 18 mm base and front baffle. Internally braced with sealed amplifier compartment
Lower Frequency Limit	-3 dB @ 35 Hz / -10 dB @ 39 Hz (Free Field) Default preset: Music, -3 dB @ 34 Hz / -10 dB @ 25 Hz (In Room)
Upper Frequency Limit	-6 dB @ 150 Hz
Drive Unit Complement	1 x 200 mm (8") MMP II subwoofer driver featuring a 2" long throw voice coil
Linear Driver Excursion	15 mm Peak to Peak
Amplifier Output	120 W
Amplifier Classification	Class D with high current Switch mode power supply (SMPSU)
Phase Control	0 Degrees & 180 Degree pure Invert
Low Pass Filter Alignment	2nd order (12 dB/Octave), from 50 Hz to 150 Hz
Auto Sensing Input Requirements	Line Level >3m V Auto Standby feature after 20 minutes
Audio Input/Outputs	LFE unbalanced input RCA Stereo unbalanced inputs RCA
Connection	12 V Trigger in (3.5 mm mono mini-jack, 4v threshold)
Electrical Certifications	CE / CB/ ETL / Fcc / CCC/ ErP (Energy saving compliant)
Mains Input Voltage	100 – 120 Vac ~60Hz / 220 – 240 Vac ~50/60 Hz (Manually selected)
Power Consumption	Maximum 130 W, Standby <0.5 W (ErP compliance)
Fuse Type	20 mm T8AL 250VAC
Weight (Unpacked)	10.2 kg / 22 lb 8 oz
External Dimensions (Including Amp, Drivers & Terminals (H x W x D)	340 x 320 x 350 mm 13 ^{3/8} x 12 ^{5/8} x 13 ^{3/4} "
External Dimensions (Including Amp, Drivers, Terminals & Feet (H x W x D)	359 x 320 x 350 mm 14 ^{1/8} x 12 ^{5/8} x 13 ^{3/4} "
Finishes	Midnight (black-blue) Mist (white-grey)

Finishes



Midnight – Fabric



Mist – Fabric



E&OE. All colours approximate.

For more information email info@monitoraudio.com

Additional technical details on the MASS Surround Sound will be available at www.monitoraudio.com

Monitor Audio is a wholly British owned and managed loudspeaker designer and manufacturer. Since 1972 it has been at the leading edge of loudspeaker design and technology, perfecting the implementation of metal drivers. It is renowned for exemplary speaker cabinet construction and finish.

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