

 **MONITOR AUDIO**[®]
design for sound

MASS

S a t e l l i t e S y s t e m





Delivering the explosive charge of the latest hi-def movie soundtracks is Monitor Audio's diminutive MASS home cinema system. Its sculpted space-efficient design, packed with technology and easy-installation features, offers jaw-dropping audio dynamics with décor-friendly styling, making the introduction of high quality home cinema sound into any living space a simpler and more satisfying experience. For the style conscious film fan, it's high-definition heaven.

DESIGN FOR SOUND

The MASS system is an expertly conceived union of precision engineered acoustics and aesthetics. Forty years of award-winning audio design has been focused on the architecture of the two main system models: a compact satellite speaker and active subwoofer. Both are ground-up designs, involving the specification of wholly new signal path components to redefine the performance possible from low-profile cabinets. Computer simulation, exhaustive testing and in the final analysis, dedicated listening have created perfectly optimised audio products, bristling with our flagship technologies and tuned as one to reproduce the widest, cleanest spectrum of frequencies for a truly captivating home cinema experience.





MASS 10 SATELLITE AND CENTRE

The compact MASS 10 satellite speaker and its centre-channel counterpart have a stylish construction of rigid polymer, enveloped in a black cloth finish and crowned at either end with contrasting solid aluminium end caps. Each polymer shell is ribbed internally and enhanced by variable wall thickness to produce the most inert enclosure for the drivers: a specially developed 1" C-CAM® tweeter and a 4" C-CAM mid-bass driver.

ACE OF BASS

Underpinning the superb mid-high frequency refinement of the MASS satellite is a bass engine of equal calibre. The W200 powerhouse is primed with the precision-crafted ordinance of 10" bass drivers – active and passive - and a potent 220W Class D amplifier. The amp is controlled by an advanced DSP, custom-tuned in the software to optimise driver response. It powers a side-firing 10" long throw C-CAM bass driver equipped with a huge, dual stack magnet system to keep bass lines perfectly in time. Complementing the active driver is a passive 10" Auxiliary BassRadiator (ABR). The drivers work in tandem to generate the output and scale normally associated with ported designs, but with the fast accurate transient response of a sealed box. The DSP also offers tailored bass curves for fine-tuning the deep, sustained bass delivery that distinguishes the best home cinema systems.

EASY INSTALLATION

The MASS system is a tour-de-force of lifestyle design, engineered to reconcile competing demands for living space, easy installation and great sound. Its MASS 10 satellite can be wall-mounted using a single point fixing located on the rear panel, which dovetails with our optional universal wall bracket to offer an easy, secure and reliable solution. The centre version is supplied with a soft rubber stand, which tilts the speaker upward from a table, shelf or rack, and dampens any transfer of vibration between the two.

When wall mounting is not ideal, a dedicated MASS floor-stand with integrated cable management offers a wonderfully stylish alternative. The stand is pre-wired and locates with the MASS 10's high quality speaker terminals via a pair of connecting rods, leaving floor level terminals to accept the cables from the AV amplifier.



FEATURES

MASS 10 and centre

- 4" bass midrange driver featuring C-CAM® cone technology.
- Specially developed 1" C-CAM tweeter design featuring unique venting and rear loading chamber – low resonance design to provide clean, pure sound.
- Damped polymer moulded cabinet with internal ribbing.
- Curved cabinet helps to eliminate unwanted standing waves.
- Single point fixing (1/4" UNC) for universal wall bracket installation (not included).
- Concealed, discreet cable termination inside end cap using binding post type connection.
- Single bolt through driver and bracing system, for increased overall bracing and rigidity.
- Single rear mounted port featuring HiVe® technology for clean, powerful, punchy bass.
- Black cloth finish with contrasting solid aluminium end caps.
- Optional floor-stand with internal (pre-wired) cable management system.

MASS W200 Active subwoofer

- Long throw 10" sub bass driver featuring C-CAM cone technology
- 10" flat ABR (Auxiliary Bass Radiator) – tuned for tight, fast bass punch
- 220 watt class-D power amplifier
- DSP providing accurate filter characteristics
- Advanced limiters designed to ensure the W200 never loses control.
- 3 x pre-set bass modes (Music, Movie, Impact)
- 12V trigger input – ensures W200 switches on and off with other equipment.
- Heavy duty MDF construction
- Discreet black cloth finish.

Specifications	MASS 10	MASS centre
Frequency response	80Hz – 30kHz	
Sensitivity (1w@1m)	84dB	
System configuration	2- way	
Drive unit complement:	1 x 4" C-CAM® Bass/Midrange driver 1 x 1" C-CAM® Tweeter with vented loading system	
Nominal impedance	8 ohms	
Maximum SPL	104dBA	
System power handling (when used with an AVR with crossover set to 100Hz) (RMS)	100 watts	
Power handling (individual) (RMS)	40 watts	
Recommended amplifier requirements (RMS)	25 - 100 watts	
Bass alignment	Reflex rear ported	
Recommended H.P crossover frequency	80-120Hz	
External dimensions (exc stands) (H x W x D)	224 x 128 x 128 mm 8 ^{3/4} x 5 ^{1/16} x 5 ^{1/16} inch	128 x 224 x 128 mm 5 ^{1/16} x 8 ^{3/4} x 5 ^{1/16} inch
External dimensions inc stands (exc spikes) (H x W x D)	1119 x 220 x 235 mm 44 ^{1/16} x 8 ^{11/16} x 9 ^{1/4} inch	143 x 224 x 128 mm 5 ^{5/8} x 8 ^{13/16} x 5 ^{1/16} inch
Weight (each)	1.65kg (3lb 10oz)	
Finishes	Black cloth with silver brushed aluminium end caps	

Specifications	MASS w200
System format	Active sub-woofer system – Auxiliary Bass Radiator (ABR loading) 18mm MDF cabinet (CARB2 approved)
Low frequency response	30Hz (-6dB)
Upper frequency limit	Variable 40 – 120Hz @ 24dB/octave
Amplifier power output	220 watts @ 1% THD+N
Amplifier classification	Class-D amplifier with switch mode power supply (SMPSU)
Bass EQ switch	Music/ Movie/ Impact
Phase control	0-180 degrees
Auto sensing input level requirements	Line Level >3.5mV.
Driver complement	1 x 10" (250mm) C-CAM® Long throw driver 1 x 10" (250mm) Auxiliary Bass Radiator
Input impedance	> 20k ohms
Mains input voltage	100 - 120 VAC / 220 - 240 VAC 50/60Hz (Factory region preset)
Dimensions (including grilles and feet) (H x W x D)	420 x 385 x 385mm 16 ^{9/16} x 15 ^{3/16} x 15 ^{3/16} inch
Connections	Stereo RCA in, LFE in, 12V Trigger in 3.5mm mono mini-jack
12V Trigger input	5 - 12V via 3.5mm mono mini-jack socket
Electric certifications	CE / CB/ ETL / FCC / ErP (Energy saving compliant)
Weight (unpacked)	15.44kg (34lb)
Finish	Black with black grilles

Monitor Audio Ltd
24 Brook Road, Rayleigh
Essex, SS6 7XJ England
Tel: +44 (0)1268 740580
Fax: +44 (0)1268 740589
Email: info@monitoraudio.co.uk



monitoraudio.com
Designed in the United Kingdom