



SOUNDBAR SERIES



monitoraudio.com



The perfect audio match for screens from 50" up

The Monitor Audio Soundbar Series is designed to provide a visually balanced, audio solution for a wide range of screens. The stylish, high performance, passive soundbars are ideal for installers keen to deliver premium performance in media room applications.

The Soundbar Series incorporates a series of clever technical features and design innovations which demonstrate Monitor Audio's revered attention to detail and commitment to quality. Complete with a wide range of mounting options for easy and discreet custom installation, the three super-slim SB models are engineered with flagship cabinet and driver technologies to combine efficient low-profile design with extraordinary room-filling dynamics.



Superb Audio Performance

Dual 4" C-CAM drivers (individual drives with the SB-2) and 25 mm C-CAM tweeter in each left, centre and right section ensures the sensitivity and sound balance is perfectly matched across the front three audio channels. This performance is enhanced by using compact, flat diaphragm 'racetrack' style Auxiliary Bass Radiators (ABRs) to provide additional bass punch, increase power handling and remove turbulent air noise. All three sections within the cabinet are partitioned and operate purely as discreet channels with the crossover also split in an identical way. The result is a soundbar that can play loud, clean and free from any distortion.

The 4" bass drivers feature concave C-CAM cone technology, formed from a continuous uninterrupted dish, which ensures the centre section is rigid as possible for extra strength. They are driven by a specifically designed coupling assembly which adds de-coupling and significantly reduces distortion.

The 25 mm C-CAM tweeter provides the highest level of performance from such a compact tweeter assembly. The new tweeter vents internally through a special housing and around the outside of the magnet system into a rear loading chamber for much lower resonance and better damping. The result is more accurate, distortion-free sound at low frequencies. A special horn loaded face plate offers excellent integration with the bass drivers and consistent off axis performance to give uniform coverage around the room.

Elegant and robust design

The cabinets are made with high-density MDF that is braced internally for maximum rigidity. The bolt through technology utilised on the bass and tweeter drivers gives extra strength to create an incredibly stiff and low resonance cabinet for clear, defined audio reproduction. Cabinets are finished in a special seamless cloth to provide ideal acoustical transparency and combine with solid, brushed aluminium ends for a seamless, elegant and discreet appearance.

Designed with easy installation in mind

Ease of installation is another key advantage of the Soundbar Series. High quality, low profile binding posts provide an easy and trouble free connection, with the terminals recessed neatly to enable a flush to wall installation. The terminal panel also houses standard fixing points compatible with SANUS™ TV mounts, with many options for TV and wall installation. Wall mounting is also possible using Monitor Audio's low-profile wall mount bracket with cable access, easy pre-alignment and fixing template.

The soundbars are designed to be used with a partnering subwoofer and crossed over to provide the best possible experience and increased system power handling. Alternatively, the soundbar can be used independently to deliver an impressive uplift in TV audio performance with only a slightly reduced power handling.

Features Overview

- Range of discreet, stylish passive soundbars for displays of 50" and above
- Three acoustically independent channels (Left, Centre, Right) integrated within one enclosure
- All MDF construction. Internally braced for additional rigidity
- New 4" (200 mm) C-CAM bass drivers for each channel (two for the SB-3 and SB-4 centre) - feature concave cone profiles for stiffer cone properties resulting in lower distortion
- 1" (25 mm) C-CAM Gold Dome tweeter for each channel, optimised to deliver the widest frequency performance within the compact SB cabinets. It benefits from a more efficient rear-venting design for longer excursion, higher output, lower distortion and better integration with the mid-bass driver
- Auxiliary Bass Radiators (ABR's) for each channel (two for the SB-3 centre), designed to extend bass response with no associated air noise
- Single through-bolt driver fixings provide mechanical de-coupling and enhanced midband clarity and resolution. The through-bolts also perform cross-bracing to enhance cabinet rigidity
- Acoustically transparent wrap-around black cloth finish with solid brushed aluminium end trims offers perfect style complement to TV displays
- Recessed high quality, gold pated terminals
- Designed to fit SANUS™ TV mounting systems
- Optional sturdy wall bracket with easy cable access and template installation
- Low profile silicon rubber feet integrated for secure cabinet top placement





SB-2 Individual Features

- L/C/R channels feature identical driver complement:
1 x 4" C-CAM bass driver, 1 x 25 mm C-CAM Gold Dome tweeter and 1 x racetrack profile ABR
- Dimensions: 145 x 1107 x 885 mm
- Suitable for display sizes from 50" to 60"

SB-3 Individual Features

- L/R channels feature identical driver complement:
1 x 4" C-CAM bass driver, 1 x 25 mm C-CAM Gold Dome tweeter and 1 x racetrack profile ABR
- Centre channel features 2 x 4" bass-mid range driver in 'MTM' configuration, 1 x 25 mm C-CAM Gold Dome tweeter and 2 x racetrack profile ABRs
- Dimensions: 145 x 1307 x 885 mm
- Suitable for display sizes of 60"+

SB-4 Individual Features

- L/R/C channels feature identical driver complement:
2 x 4" C-CAM bass driver, 1 x 25 mm C-CAM Gold Dome tweeter and 1 x racetrack profile ABR
- Centre channel features 2 x 4" bass-mid range driver in 'MTM' configuration, 1 x 25 mm C-CAM Gold Dome tweeter and 2 x racetrack profile ABRs
- Dimensions: 145 x 1562 x 88 mm
- Suitable for display sizes of 70"+

Soundbar Series



Specifications

	SB-2	SB-3	SB-4
Frequency Response (-3 dB) – All Channels:	90 Hz – 30 kHz	80 Hz – 30 kHz	70 Hz – 30 kHz
Sensitivity (1W@1M) All channels:	84 dB	Left and Right Channels: 84 dB Centre Channel: 87 dB	87 dB
Nominal Impedance (ohms) All Channels:	8 ohms	8 ohms	8 ohms
Power Handling Single – R.M.S. (W) All Channels:	40 W	Left and Right Channels: 40 W Centre Channel: 80 W	80 W
System Power Handling – R.M.S. (W) All Channels:	100 W (High pass filter set to 100 Hz)	100 W (High pass filter set to 100 Hz)	100 W (High pass filter set to 10 0Hz)
Recommended Amp Requirements (W) All Channels:	30 – 100 W	30 – 100 W	30 – 100 W
Recommended High Pass Crossover Frequency All Channels:	80 – 120 Hz	80 – 120 Hz	80 – 120 Hz
Maximum SPL dBA	104 (108.8 all channels driven)	104 (108.8 all channels driven)	104 (108.8 all channels driven)
Bass Alignment	3 x Auxiliary Bass Reflex (ABR) Loading	2 x Auxiliary Bass Reflex (ABR) Loading	Left and Right Channels: 1 x Auxiliary Bass Reflex (ABR) Loading. Centre Channel: 2 x Auxiliary Bass Reflex (ABR) Loading
Drive Unit Complement	3 x 4" (100 mm) C-CAM cone bass / mid driver 3 x 1" (25 mm) C-CAM Gold Dome tweeter	Left and Right Channels: 2 x 4" (100 mm) C-CAM cone bass / mid driver 2 x 1" (25 mm) C-CAM Gold Dome tweeter Centre Channel: 2 x 4" (100 mm) C-CAM cone bass / mid driver 1 x 1" (25 mm) C-CAM Gold Dome tweeter	All Channels: 2 x 4" (100 mm) C-CAM cone bass/mid driver, 2 x 1" (25 mm) C-CAM Gold Dome tweeter
Cabinet Dimensions (H x W x D)	145 x 1110 x 89 mm / 5 ^{11/16} x 43 ^{11/16} x 3 ^{1/2} "	145 x 1310 x 89 mm / 5 ^{11/16} x 51 ^{9/16} x 3 ^{1/2} "	145 x 1562 x 88 mm / 5 ^{3/4} x 61 ^{1/2} x 3 ^{1/2} "
External Dimensions Inc Bracket (H x W x D)	145 x 1110 x 100 mm / 5 ^{11/16} x 43 ^{11/16} x 3 ^{15/16} "	145 x 1310 x 100 mm / 5 ^{11/16} x 51 ^{9/16} x 3 ^{15/16} "	145 x 1562 x 100 mm / 5 ^{3/4} x 61 ^{1/2} x 3 ^{15/16} "
Weight (each)	7.64 Kg / 16 lb 12 oz	9.1 Kg / 20 lb	12 Kg / 26 lb 7 oz

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