



Bronze Series

monitoraudio.com





WHAT HI-FI?
★★★★★

hi-finews
OUTSTANDING
PRODUCT

Hi-Fi
Choice
RECOMMENDED

SoundStage! Network
Reviewers'
CHOICE
soundstagenetwork.com

HOME
CINEMA
Choice
BEST
BUY



Bronze: Purity and Precision

Monitor Audio's story is intertwined with the evolution of our world-famous speaker lines. Driven by top-down innovation and ever more accurate acoustic analysis, each generation has grown in capability, achieving award-winning levels of quality, performance and value with every introduction.

Our restless desire for the most blissful combination of great sound and design at all price points, demands that where possible we share the technology across ranges so that driver designs and analytic tools developed upstream serve to enhance ranges further down.

For example this approach allows the Gold series to benefit from a version of Platinum's extraordinary C-CAM ribbon tweeter; for Silver to inherit Gold's 'dished' C-CAM driver designs, and similarly for Bronze to absorb the latest refinements in tweeter and driver engineering from the Silver project.

In many ways Bronze has everything to gain from Monitor Audio's dynamic forty-year design heritage. Enriched as it is with elements of Platinum, Gold and Silver, the brilliant Bronze series will transcend the expectations of its price class and eclipse even its venerated multi-award winning predecessor Bronze BX.

Technology

Our latest champion moves up a gear from BX and rival budget speakers because Bronze is simply in a class of its own. The features speak for themselves. For the first time we're using spectacular steel-grey C-CAM driver cones for a seamless blend with finishes, available in a choice of Black Oak, Walnut, Rosemah and a White Ash. Invisible driver fixings and floating magnetic grilles add to the impression of streamlined sophistication, lending Bronze the look and feel of a premium range.

It sounds like one as well. Drawing on our flagship technologies we've engineered the acoustic design to deliver lower distortion and a wider response from seven beautifully matched, deceptively slender models. Combined for natural full-range music and home cinema sound, Bronze will transform the quality of your home entertainment at a price that won't break the bank.

The C-CAM driver configurations give Bronze the tonal accuracy and consistency of a class leader. Harnessing driver technology developed for our acclaimed mid-market Silver models, Bronze explodes the myth that high power handling with low distortion belongs exclusively to the expensive world of audiophile design.

The proprietary bass and mid drivers responsible for Bronze's open, expressive and naturally rhythmic quality utilise a type of 'dished' C-CAM cone, which employs the entire cone surface to radiate sound. Unbroken by the centre pole-piece aperture of conventional driver designs, the cone is inherently more rigid and efficient while being less prone to break-up under high drive conditions, resulting in exceptional detail resolution and life-like tonality. Ingeniously, the driver's voice coil is thermally coupled to the back of the cone, which draws heat away from the coil for better power handling and optimal operation at all volume levels.

Above the drivers, a 25 mm C-CAM Gold Dome tweeter extends each system's frequency response to an ultra-sonic 30 kHz, allowing the full reproduction of harmonic frequencies vital to the accurate reproduction of, say, the decay of a piano string or the crash of a hi-hat. Within the Bronze tweeter, an innovative venting system allows air to flow outside the tweeter's magnet assembly into a rear loading chamber, preventing air from being compressed at the back of the dome for lower distortion, reduced mechanical resonance, and improved damping. Structural improvements in dome geometry and drive mechanism have boosted accuracy and extension at the top end of the tweeter's range as well, generating the extraordinary high frequency quality that helps to define the sound of Bronze.

Enhancing system performance is our 'bolt-through' driver mounting design, first devised for our Radius series models but now adopted by all our speaker ranges. The drivers are individually mounted on a through-bolt which fixes at the back of the cabinet and tensions the driver at the front. Cleverly this triple-action feature braces the cabinet structure for lower box colouration while removing the need for conventional front fixings, reducing unwanted driver/cabinet resonance and simultaneously boosting aesthetics.

The reflex loading found on all Bronze models (excluding Centre, FX and W10) is of the HiVe II variety, borrowed from the Gold range, which uses rifled port grooves to speed the air in and out of the cabinet for cleaner, more powerful bass and a superior transient response.

Best possible signal integrity through the crossover is supplied by polypropylene film capacitors, air core and laminated steel core inductors. With slightly higher overall impedance than their BX predecessors, the Bronze line-up offers superior system-building flexibility with a wider choice of partnering equipment.





Bronze 1

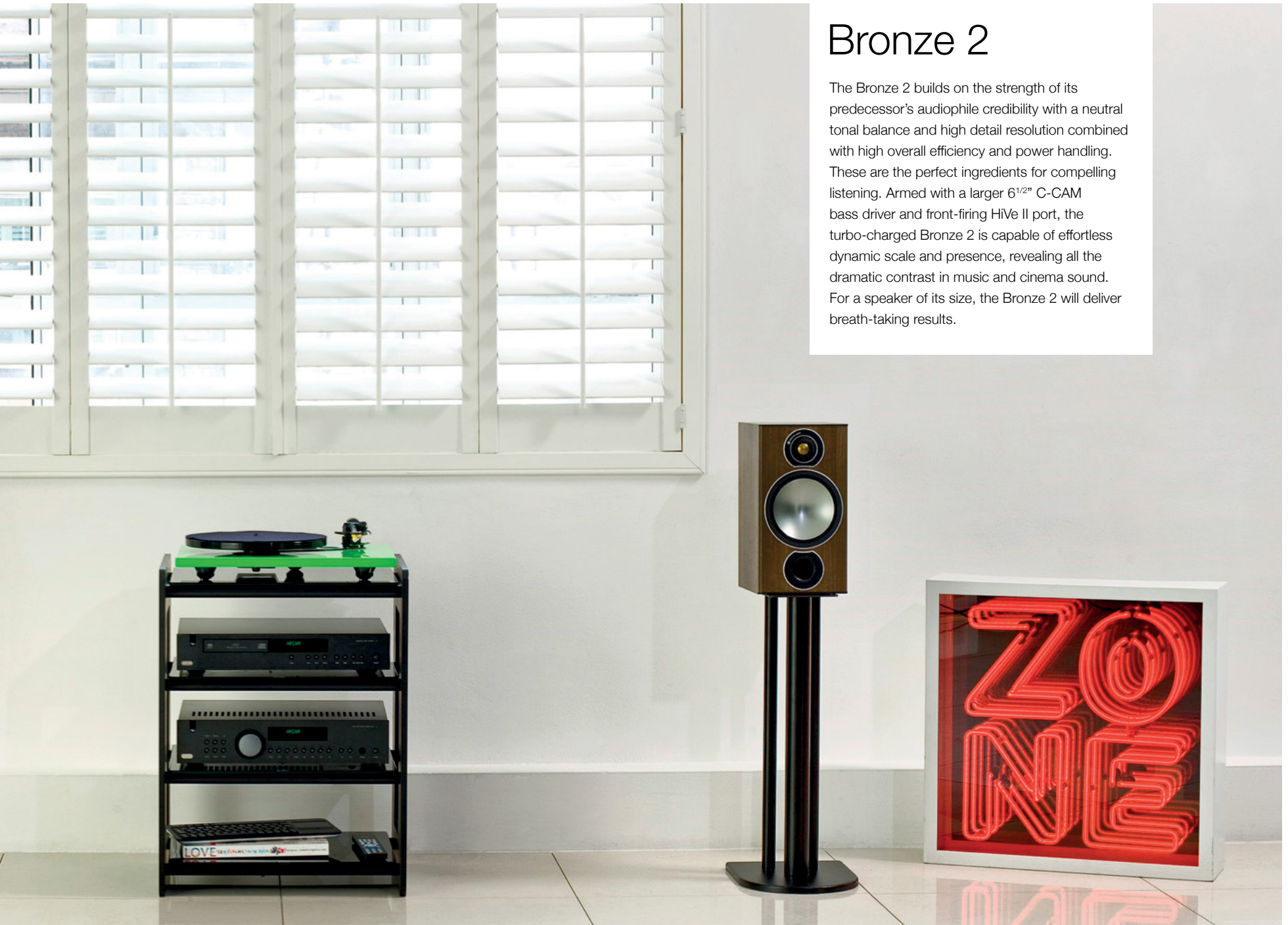
We've optimised and tuned the diminutive Bronze 1 to be the most accurate of any Bronze generation mini, imbuing the design with true 'monitor' status. The 5^{1/2}" C-CAM bass driver has been created to out-perform a larger conventional driver and results in a cleaner, more dynamic delivery, even at high power levels. The Bronze 1s are able

to play much louder and deeper than their compact size would suggest from close-to-wall positions in smaller room environments. Perfect for stand or shelf, or wall-mounted using our Monitor Audio Speaker Mount (MASM), the Bronze 1s will deliver great sound where space is at a premium.



Bronze 2

The Bronze 2 builds on the strength of its predecessor's audiophile credibility with a neutral tonal balance and high detail resolution combined with high overall efficiency and power handling. These are the perfect ingredients for compelling listening. Armed with a larger 6¹/₂" C-CAM bass driver and front-firing HiVe II port, the turbo-charged Bronze 2 is capable of effortless dynamic scale and presence, revealing all the dramatic contrast in music and cinema sound. For a speaker of its size, the Bronze 2 will deliver breath-taking results.





Bronze 5

The slender Bronze 5 delivers powerful, responsive bass lines that belie its stealthy appearance and surpass those of many much larger towers. Its $5\frac{1}{2}$ " C-CAM bass driver and $5\frac{1}{2}$ " C-CAM bass/mid driver are arranged in a two and half way system configuration, operating in separate acoustic chambers with front and rear firing HiVe II ports to provide differential tuning for higher efficiency and greater low frequency extension. The Bronze 5's low-distortion architecture expertly combines clean, expressive mid and high frequencies with punchy room-filling bass lines. The Bronze 5 provides a naturally rhythmic and addictive blend of large-scale dynamics and detail from a surprisingly unobtrusive tower.

Bronze 6

From the towering Bronze 6, the most complete Bronze speaker, music and home theatre lovers can appreciate the full-range flavour of our forty year design heritage. Its deceptively compact cabinet supports two 6 $\frac{1}{2}$ " C-CAM bass drivers operating in tandem with a further 6 $\frac{1}{2}$ " C-CAM mid-range unit housed in a dedicated chamber. In this way matching drivers tuned for different roles are able to develop a wonderfully

uniform, tonally consistent sound-field. Their seismic low bass and richly coherent mid-range detail rises in frequency to meet the illuminating resolution of our fabulous Bronze C-CAM tweeter. Here is Bronze in tooth and claw, alive to its ambitious audiophile design precedents and equipped with a compelling mix of accuracy, scale and dynamics for the highest value music and home theatre audio.





Bronze Centre

By sharing the Bronze acoustic and aesthetic design ethos, the compact Bronze Centre is the natural partner for Bronze left/right speakers in a home theatre LCR array. It features twin 5 1/2" C-CAM bass/mid-range drivers straddling a Bronze C-CAM tweeter for pin-point synergy with its satellite partners producing seamless front soundstage action and articulate dialogue.



Bronze FX

Developing the perfect mix of reverberant or direct surround sound in a Bronze home cinema system, the wall-hugging Bronze FX surround speaker will combine seamlessly with front channels to establish the immersive audio experience essential to successful home theatre design. Matched acoustically and aesthetically with its LCR counterparts, its angled-baffle cabinet can be flush-mounted on side or rear walls, and its dispersion characteristics changed at the flick of a switch to accommodate the precise requirements for di-pole (diffuse) or bi-pole (direct) operation. Flanking a single 5^{1/2}" C-CAM bass/mid driver, dual C-CAM Gold Dome tweeters are mounted on angled side-panels, helping to create a wider, more enveloping and convincing surround sound-field.



Bronze W10

All the audiophile-like transparency of Bronze's low-distortion design regimen concentrated in the bass domain. This is Bronze bass, deeply provisioned, authentically proportioned and dynamically fleet of foot, re-tooled from the ground up to punctuate the sound of every Bronze system with stunningly natural bass transients, timed to perfection. The sophisticated W10 subwoofer is a Bronze original, featuring an exclusive trinity of uprated amplifier topology, powerful DSP processing and long-throw driver design.



Advanced switch-mode power conversion techniques, custom DSP tuning and a massive power reservoir combine to generate enormous dynamic headroom from the Class D power-pack, allowing the driver to drop low and punch hard without distortion for a truly sensational deep bass experience. A down-firing 10" ABR (Auxiliary Bass Radiator) ensures that with the same compact footprint as its predecessor, the Bronze W10 delivers an incredible 6 dB greater SPL at 40 Hz. Choose how you enjoy the Bronze W10's prodigious bass energy with pre-set EQ settings for music, movie or impact.

Finishes



Walnut



White Ash



Black Oak



Rosemah



Specifications

	BRONZE 1	BRONZE 2	BRONZE 5	BRONZE 6	BRONZE CENTRE	BRONZE FX
System Format	2 Way	2 Way	2 ^{1/2} Way	2 ^{1/2} Way	2 Way	2 Way
Frequency Response (-6 dB - IEC 268-13)	55 Hz – 30 kHz	42 Hz – 30 kHz	37 Hz – 30 kHz	34 Hz – 30 kHz	60 Hz – 30 kHz	65 Hz – 30 kHz
Sensitivity 1 W@1 m	88 dB	90 dB	90 dB	90 dB	90 dB	88 dB
Maximum S.P.L. (1 dBA @ 1 m - each)	109 dBA (pair)	113 dBA (pair)	113.8 dBA (pair)	114.8 dBA (pair)	113 dBA	110 dBA (pair)
Nominal Impedance	8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Power Handling – RMS	70 W	100 W	120 W	150 W	120 W	80 W
Recommended Amp Requirements	15 – 70 W	30 – 100 W	30 – 120 W	40 – 150 W	20 – 120 W	20 – 80 W
Cabinet Design	Rear ported bass reflex. HiVe II Port technology	Front ported bass reflex. HiVe II Port technology	Dual chamber bass reflex - Ported front and rear. HiVe II Port technology	Bass section - Front/rear bass reflex with HiVe II Port technology. Sealed mid-range enclosure.	Sealed Cabinet	Sealed Cabinet
Drive Unit Complement	1 x 5 ^{1/2"} C-CAM bass / mid driver, 1 x 25 mm Gold Dome C-CAM tweeter	1 x 6 ^{1/2"} C-CAM bass / mid driver, 1 x 25 mm Gold Dome C-CAM tweeter	1 x 5 ^{1/2"} C-CAM bass driver, 1 x 5 ^{1/2"} C-CAM mid-range driver, 1 x 25 mm Gold Dome C-CAM tweeter	2 x 5 ^{1/2"} C-CAM bass driver, 1 x 6 ^{1/2"} C-CAM mid-range driver, 1 x 25 mm Gold Dome C-CAM tweeter	2 x 5 ^{1/2"} C-CAM bass / mid driver, 1 x 25 mm Gold Dome C-CAM tweeter	1 x 5 ^{1/2"} C-CAM bass / mid driver, 2 x 25 mm Gold Dome C-CAM tweeter
Crossover Frequency	2.7 kHz	3.1 kHz	LF: -6 dB @ 600 Hz MF/HF: 2.8 kHz	LF: -6 dB @ 150 Hz MF/HF: 2.5 kHz	3.0 kHz	2.8 kHz
Cabinet Dimensions (H x W x D)	260 x 165 x 180 mm (10 ^{1/4} x 6 ^{1/2} x 7 ^{1/16"})	350 x 185 x 255 mm (13 ^{3/4} x 7 ^{5/16} x 10 ^{1/16"})	850 x 165 x 248 mm (33 ^{7/16} x 6 ^{1/2} x 9 ^{3/4"})	985 x 185 x 315 mm (38 ^{3/4} x 7 ^{5/16} x 12 ^{3/8"})	165 x 460 x 165 mm (6 ^{1/2} x 18 ^{1/8} x 6 ^{1/2"})	274 x 276 x 104 mm (10 ^{13/16} x 10 ^{7/8} x 4 ^{1/8"})
Complete Dimensions inc grille, terminals, plinths and spikes (H x W x D)	260 x 165 x 205 mm (10 ^{1/4} x 6 ^{1/2} x 8 ^{1/16"})	350 x 185 x 281 mm (13 ^{3/4} x 7 ^{5/16} x 11 ^{1/16"})	898 x 215 x 282 mm (35 ^{3/8} x 8 ^{7/16} x 11 ^{1/8"})	1033 x 235 x 350 mm (40 ^{11/16} x 9 ^{1/4} x 13 ^{3/4"})	165 x 460 x 193 mm (6 ^{1/2} x 18 ^{1/8} x 7 ^{5/8"})	274 x 281 x 118 mm (10 ^{13/16} x 11 ^{1/6} x 4 ^{5/8"})
Weight (each)	3.5 kg (7 lb 12 oz)	5.3 kg (11 lb 10 oz)	11 kg (24 lb 6 oz)	16.6 kg (36 lb 8 oz)	5.6 kg (12 lb 6 oz)	3.2 kg (7 lb)

	BRONZE W10
System Format	Active subwoofer system - Auxiliary (ABR) loading. 18 mm MDF cabinet
Low Frequency Limit (-6 dB - IEC 268-13)	30 Hz
Upper Frequency Limit	40 – 120 Hz (Variable Low Pass filter)
Low Pass Filter Alignment	12 dB/ Octave Fixed @ 150 Hz
Amplifier Output – RMS	220 W
Amplifier Classification	Class D with Switch mode PSU
Bass EQ Modes	Music / Movie / Impact
Phase Control	0 – 180 degrees
Auto Sensing	>3.5 mV
Input Impedance	>20 kΩ
Connections	2 x Stereo RCA, 1 x LFE RCA connection, 12V trigger (3.5 mm mono mini-jack)
Drive Unit Complement	1 x 10" C-CAM long throw subwoofer driver + 1 x 10" flat panel ABR
External Dimensions (H x W x D)	320 x 320 x 330 mm (12 ^{5/8} x 12 ^{5/8} x 13") 364 x 320 x 364 mm (14 ^{5/16} x 12 ^{5/8} x 14 ^{5/16} ") inc grille, amp & feet
Mains Input Voltage	110 – 120 Vac – 50 – 60 Hz 220 – 240 Vac – 50 – 60 Hz. Factory region pre-set
Standby Power Consumption	<0.5 W (ErP approved)
Max Power Consumption	200 W
Weight (each)	12.9 kg (28 lb 6 oz)

Monitor Audio Ltd
24 Brook Road, Rayleigh,
Essex, SS6 7XJ, England
T. + 44 (0)1268 740580
F. + 44 (0)1268 740589
E. info@monitoraudio.com
monitoraudio.com