
DYNAUDIO

Core series





Everything you need to hear



This is what performance sounds like.

Core is the most revealing reference monitor in Dynaudio history: breathtaking accuracy for when you absolutely must hear every single detail.

Working in mono? Stereo? Full-on 9.1.6 immersive? Extreme consistency between speakers and intelligent, flexible cabinet design – plus the best digital amplifiers its creators have ever heard – bring the pinnacle of precision, consistency and reliability to your studio.

The range uses Dynaudio's most advanced drivers – including all-new tweeters that feature the ingenious new resonance-defeating Hexis inner dome – plus innovative DSP technology for even more power and surprising ease of use.

Core reproduces what was recorded. Nothing more, nothing less. And you know the truth when you hear it.

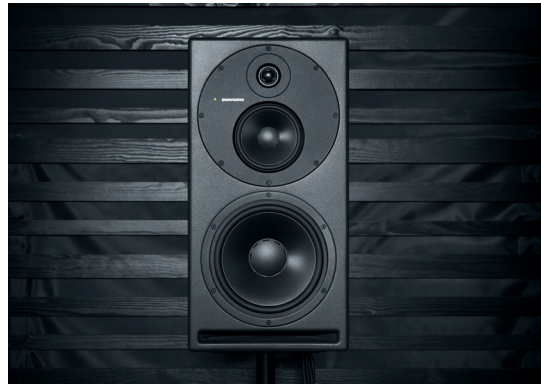


	Core 5	Core 7	Core 47	Core 59
Tweeter	1in	1in	1in	1in
Midrange	N/A	N/A	4in	5in
Woofer	5in	7in	7in	9in
Inputs	Analogue and AES3 digital inputs (no sample-rate conversion)	Analogue and AES3 digital inputs (no sample-rate conversion)	Analogue and AES3 digital inputs (no sample-rate conversion)	Analogue and AES3 digital inputs (no sample-rate conversion)
Resolution	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)
Max SPL	104dB @ 1m anechoic, 110dB half space	112dB @ 1m anechoic, 118dB half space	113dB @ 1m anechoic, 118dB half space	113dB @ 1m anechoic, 119dB half space
Crossover frequency	3800Hz	2300Hz	475Hz (LF/MF) / 5250Hz (MF/HF)	385Hz (LF/MF) / 5000Hz (MF/HF)
Frequency response (-6dB)	42Hz – 29kHz	36Hz – 29kHz	35Hz – 30kHz	36Hz – 29kHz
Frequency response (+/- 3dB)	46Hz – 26kHz	40Hz – 27kHz	41Hz – 24kHz	39Hz – 27kHz
Box principle	Front-loaded bass reflex	Front-loaded bass reflex	Front-loaded bass reflex	Front-loaded bass reflex
Amplifiers	Pascal class-D amplifiers: HF 280W / LF 280W	Pascal class-D amplifiers: HF 150W / LF 500W	Pascal class-D amplifiers: HF 150W / MF 500W / LF 500W	Pascal class-D amplifiers: HF 150W / MF 500W / LF 500W
Dimensions (W x H x D)	190 x 353 x 265mm / 7½ x 14 x 10¾ in	220 x 390 x 355mm / 8¾ x 15¾ x 14 in	390 x 240 x 355mm / 15¾ x 9½ x 14 in	280 x 545 x 365mm / 11 x 21½ x 14¾ in
Weight	8.6kg / 19lb	14.6kg / 32.1lb	15.6kg / 34.4lb	24.6kg / 54.2lb

	Core Sub Compact	Core Sub
Woofer	2x 9in MSP+ Hybrid Drive	4x 9in MSP+ Hybrid Drive
Inputs	Analogue and AES3 digital inputs (no sample-rate conversion)	Analogue and AES3 digital inputs (no sample-rate conversion)
Resolution	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)	Maximum 24-bit/192kHz (32kHz, 44.1kHz, 48kHz, 96kHz and 192kHz sample rates supported)
Max SPL	100dB @ 1m anechoic, 106dB half space	106dB @ 1m anechoic, 112dB half space
Crossover frequency	N/A	N/A
Frequency response (+/- 6dB)	15Hz – 230Hz	14Hz – 165Hz
Frequency response (+/- 3dB)	16Hz – 200Hz	15Hz – 160Hz
Box principle	Sealed enclosure	Sealed enclosure
Amplifiers	Pascal class-D amplifiers: 2x 280W	Pascal class-D amplifiers: 2x 500W
Dimensions (W x D x H)	390 x 360 x 365mm / 15¾ x 14 x 14¾ in	390 x 514 x 365mm / 15¾ x 20 x 14¾ in
Weight	26.1kg / 57.5lb	48kg / 105.8lb

Precision performance

Accuracy and trust are crucial in a high-pressure studio environment. You have a job to do, and there are a lot of ears waiting for it. It has to be right... and right now. Every speaker in the Core family is design for precision and consistency, whether you're mixing in mono or immersive. They'll make the hairs on your neck stand on end – so imagine what they'll do for your audience.



DSP and switches

Every room is different, and everyone has a different way of working – but one thing we all have in common is a love of simplicity. That's why we've made it a piece of cake to precisely fine-tune your Core speakers to their position relative to studio walls (or for soffit-mounting), and to work seamlessly with your room treatment. There are no confusing menus to wade through: just flip the physical switches on the back.



Advanced driver technology

Core's Esotar Pro tweeter takes everything you love about previous Dynaudio soft-dome tweeters and adds the ingenious resonance-defeating Hexis device. Meanwhile, the midrange and bass drivers are specifically optimised for precision. The result: crystal-clear mids and punchy, deep, and accurate bass – whether you're monitoring at low-level or the band is standing behind you and they've demanded you crank it.



Made in Denmark

Because the entire design and assembly process is handled at our factory in Denmark, testing is as simple as walking over to the enormous Jupiter measuring facility. In the end, though, our experienced acoustic designers have the last say in how a design performs in the real world. They use the best listening instruments it's possible to find: their ears. This industry is about trust... Core won theirs; now it's ready to win yours.



DYNAUDIO Core series

Designed and engineered by
Dynaudio Labs in Denmark

Learn more, read our reviews and find your nearest Dynaudio dealer at
[dynaudio.com](https://www.dynaudio.com) and [facebook.com/dynaudiogroup](https://www.facebook.com/dynaudiogroup)

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