

DYNAUDIO PRO

THE ICONS THE CLASSICS THE UPDATES

Dynaudio has been building its legacy since 1977. Providing the industry with leading sound quality and performance.

Just listen and you'll know why Dynaudio monitors are found in leading studios across the world.

If you choose by ear you'll choose Dynaudio.

CORE PROFESSIONAL REFERENCE MONITORS



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

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

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

CORE 7

- High-quality amplification. A 500W class-D amp for the mid/woofer, and 150W for the tweeter
- All-new drivers. Designed and made in Denmark using our world-class Jupiter measuring facility
- Advanced DSP. Simple to use, powerful to listen to: it lets you tailor Core 7 for any listening environment



CORE 47

- High-quality amplification. 500 watts each for the mid/woofer and 150 watts for the tweeter
- All-new drivers. Designed and made in Denmark using our world-class Jupiter measuring facility
- Advanced DSP. Simple to use, powerful to listen to: it lets you tailor Core 47 for any listening environment



CORE 59

- Hand-crafted. Designed, developed, tested and made in Denmark. All the drivers are hand-made at Dynaudio HQ, and each speaker is individually calibrated before it leaves our factory
- Advanced DSP. Simple to use... but incredibly powerful. Core's DSP optimises performance for positioning, sound balance and bass extension
- Power to spare. Each driver has its own dedicated class-D amplifier: 500W each for the woofer and midrange drivers, and a 150W amp for the tweeter. That's some serious headroom
- Esotar Pro tweeter. Dynaudio's already legendary high-frequency driver has been redesigned and re-engineered for high-performance professional use



CORE SUB

- Hand-crafted. Designed, developed, tested and made in Denmark. All the drivers are hand-made at Dynaudio HQ, and each speaker is individually calibrated before it leaves our factory.
- Advanced materials. Core Sub uses new Dynaudio MSP+ Hybrid Drive units – made with MSP and aluminium – designed specifically for subwoofers. Dual-action damping ensures tight, controlled bass
- Advanced DSP. Uses the same DSP engine you'll find in the rest of the Core range – so you can customise its response to its position in the room for seamless consistency and integration
- Mix-and-match. Use as many Subs as you need with your Core speakers – stack them in neat arrays or even mount them on walls. Core Sub aligns physically and electronically with youR studio



LYD THE PERSONAL REFERENCE MONITOR REDEFINED

With its newest addition to the LYD personal reference monitor series, Dynaudio is bringing a new perspective to power and precision for producers and musicians everywhere – with unmatched accuracy at any volume level.

The 3-way LYD 48 achieves its unerring accuracy thanks to a new soft-dome tweeter and Dynaudio's proprietary Magnesium Silicate Polymer midrange and woofers.

Each of its three drivers are fueled by a powerful, state-of-the-art Class-D amplifier that features a 96 kHz / 24 bit signal way.

Finally, with its advanced DSP, LYD 48 lets you extend or curtail the low frequency response by 10 Hz where needed, while Position and Sound Balance ensure optimal performance in any environment.

LYD 48

- Near- to midfield monitor with 4 in midrange and 8 in woofer
- Handcrafted personal reference monitor
- Tri-amped speaker design with state-of-the-art Class-D amplification
- Bass Extension to extend or curtail the low end frequency response
- Position Switch for better sound when monitors are placed close to a wall
- Sound Balance to influence the overall response of the speaker



LYD 5

- Near-field monitor with 5 in woofer
- Handcrafted personal reference monitors
- Bi-amped speaker design with state-of-the-art Class-D amplification
- Bass Extension to extend or curtail the low end frequency response
- Position Switch for better sound when monitors are placed close to a wall
- Sound Balance to influence the overall response of the speaker



LYD 7

- Near-field monitor with 7 in woofer
- Handcrafted personal reference monitors
- Bi-amped speaker design with state-of-the-art Class-D amplification
- Bass Extension to extend or curtail the low end frequency response
- Position Switch for better sound when monitors are placed close to a wall
- Sound Balance to influence the overall response of the speaker



LYD 8

- Near-field monitor with 8 in woofer
- Handcrafted personal reference monitors
- Bi-amped speaker design with state-of-the-art Class-D amplification
- Bass Extension to extend or curtail the low end frequency response
- Position Switch for better sound when monitors are placed close to a wall
- Sound Balance to influence the overall response of the speaker





**UNPARALLELED
MUSIC
REPRODUCTION**

CLASSIC ANALOG MONITORS



BM5MKIII

- Active nearfield monitor
- Flexible operation with XLR and RCA inputs
- Class-D Amplification with DSP



BM6A

- Active nearfield monitor
- Extended excursion 7in woofer with aluminum voice coil
- 100 W LF and 50 W HF Class AB amp



BM15A

- Active nearfield monitor
- Extended excursion, 9 in woofer and 1.1in soft dome tweeter
- Our higher SPL bridge to midfield monitors
- 200 W LF and 100 W HF Class AB amp

SUBWOOFERS



9S

- 300 watt amplifier module
- 24 cm long-throw MSP woofer
- 22-175 Hz frequency range
- Master/Slave feature for multiple subwoofers
- Adjustable Lowpass filter
- SAT output with Defeatable Highpass filter



18S

- 500 watt amplifier module
- Dual 24 cm MSP+ Hybrid Drive long-throw woofers
- Preset Speaker Crossover Filters
- Time Alignment
- 16-230 Hz frequency range
- Advanced DSP

MOUNTING AND STANDS

Designed and manufactured specifically for Dynaudio by König & Meyer in Germany, the Dynaudio mounting brackets and stands give you maximum reliability and the flexibility to place your Dynaudio Professional monitors where you need them.

Ceiling mounting bracket

Powder coated steel / aluminum construction with vertical and horizontal adjustment options that deliver the optimal solution for most studio settings.

- Ultra-solid black powder coated steel / aluminum construction
- Variable vertical adjustment: 00 - 300
- Variable horizontal adjustment: +/- 450



Wall mounting bracket

Powder coated steel / aluminum construction with vertical and horizontal adjustment options that deliver the optimal solution for most studio settings.

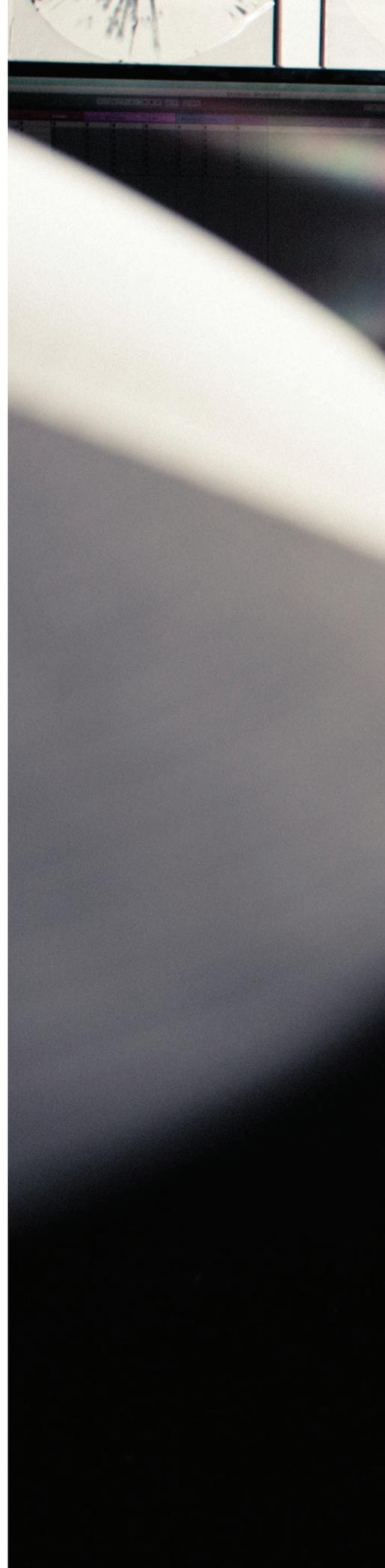
- Ultra-solid black powder coated steel / aluminum construction
- Variable vertical adjustment: 00 - 300
- Variable horizontal adjustment: +/- 450



Core mounting bracket

The Dynaudio Core mounting brackets – designed and manufactured specifically for us by our friends at König & Meyer in Germany – give you the flexibility and stability to place your Core monitors wherever you need them.

- Fully adjustable. Can be combined with other K&M brackets
- Load up to 25kg/55lb
- Compatible with Core 7, 47 and 59





SPECIFICATIONS

LYD Series

Data	LYD 5	LYD 7	LYD 8	LYD 48
Freq. response	50 Hz - 21 kHz	45 Hz - 21 kHz	45 Hz - 21 kHz	40 Hz - 21 kHz
Max. SPL (1 m, pair)	106 dB	109 dB	112 dB	112 dB
Bass principle	Bass reflex, rear port	Bass reflex, rear port	Bass reflex, rear port	Bass reflex, rear port
Crossover freq.	5.2 kHz	4.3 kHz	3.9 kHz	460 Hz / 5.5 kHz
Tweeter	1 in soft dome	1 in soft dome	1 in soft dome	1 in soft dome
Mid	N/A	N/A	N/A	4 in
Woofers	5 in	7 in	8 in	8 in
Dimensions (W x H x D mm / in)	170 x 260 x 211 mm / 6.7 x 10.2 x 8.3 in	186 x 320 x 296 mm / 7.3 x 12.6 x 11.7 in	234 x 369 x 328 mm / 9.2 x 14.5 x 12.9 in	369 x 234 x 328 mm / 14.5 x 9.2 x 12.9 in
Weight	5.7 kg	8 kg	10.2 kg	12 kg
Power consumption standby	<0.5 W	<0.5 W	<0.5 W	<0.5 W
Power consumption max.	100 W	100 W	100 W	100 W
Input voltage	90 - 264 V AC, 50 - 60 Hz	90 - 264 V AC, 50 - 60 Hz	90 - 264 V AC, 50 - 60 Hz	90 - 264 V AC, 50 - 60 Hz
Inputs	XLR balanced RCA unbalanced	XLR balanced RCA unbalanced	XLR balanced RCA unbalanced	XLR balanced RCA unbalanced
Outputs	N/A	N/A	N/A	N/A

CORE Series

Data	CORE 7	CORE 47	CORE 59	CORE SUB
Freq. response (+/- 6 dB)	38 Hz - 31 kHz	37 Hz - 31 kHz	36 Hz - 31 kHz	13.5 Hz - 200 Hz
Freq. response (+/- 3 dB)	45 Hz - 27 kHz	44 Hz - 27 kHz	42 Hz - 27 kHz	15 Hz - 165 Hz
Bass principle	Front-loaded bass reflex	Front-loaded bass reflex	Front-loaded bass reflex	Sealed enclosure
Crossover freq.	2300 Hz	475 Hz (LF/MF) / 5250 Hz (MF/HF)	385 Hz (LF/MF) / 5000 Hz (MF/HF)	N/A
Tweeter	1 in	1 in	1 in	N/A
Mid	N/A	4 in	5 in	N/A
Woofers	7 in	7 in	9 in	4 x 9 in
Dimensions (W x H x D mm / in)	220 x 370 x 390 mm / 8 ¹¹ / ₁₆ x 14 ⁹ / ₁₆ x 15 ³ / ₈ in	390 x 355 x 240 mm / 15 ³ / ₈ x 14 x 9 ⁷ / ₁₆ in	280 x 380 x 550 mm / 11 x 14 ¹⁵ / ₁₆ x 21 ⁵ / ₈ in	390 x 514 x 365 mm / 15 ³ / ₈ x 20 ¹ / ₄ x 14 ³ / ₈ in
Weight	14.7 kg / 32.4 lb	15.1 kg / 33.3 lb	24.6 kg / 54.2 lb	48 kg / 105.8 lb
Resolution	Max. 24-bit / 192 kHz, depending on input-signal (32, 44.1, 48, 96 & 192 kHz sample rates supported, analogue runs at 192 kHz)	Max. 24 bit/192 kHz, depending on input-signal (32, 44.1, 48, 96 & 192 kHz sample rates supported, analogue runs at 192 kHz)	Max. 24 bit/192 kHz, depending on input-signal (32, 44.1, 48, 96 & 192 kHz sample rates supported, analogue runs at 192 kHz)	Max. 24 bit/192 kHz, depending on input-signal (32, 44.1, 48, 96 & 192 kHz sample rates supported, analogue runs at 192 kHz)
Max SPL	112 dB @ 1 m anechoic, 118 dB half space	112 dB @ 1 m anechoic, 118 dB half space	112 dB @ 1 m anechoic, 118 dB half space	111 dB (CTA-2010-B half space) 120 dB, Broadband Peak SPL (half space)
Amplifiers	Pascal Class-D amplifiers: HF 150 W / LF 500 W	Pascal Class-D amplifiers: HF 150 W / MF 500 W / LF 500 W	Pascal Class-D amplifiers: HF 150 W / MF 500 W / LF 500 W	Pascal Class-D amplifiers: LF 2 x 500 W
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)

BM Series**Data**

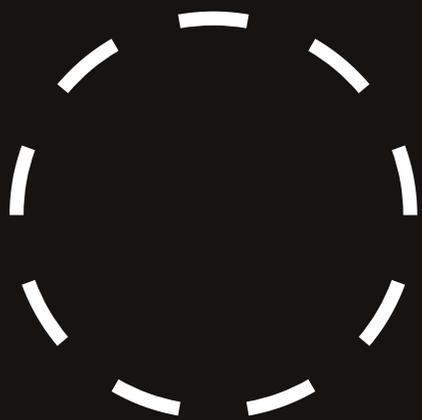
	BM5 MKIII	BM6A	BM15A
Freq. response	42 Hz - 24 kHz	41 Hz – 21 kHz +/- 3 dB	40 Hz – 21 kHz +/- 3 dB
Max. SPL (1 m, pair)	118 dB	118 dB	124 dB
Bass principle	Bass reflex, rear port	Bass reflex	Bass reflex
Crossover freq.	1900 Hz	2200 Hz	1800 Hz
Crossover slope	12 dB/Oct	24 dB/Oct	30 dB/Oct
Tweeter	D-281 - 28 mm soft dome, rear chamber, magnetic fluid 4 mm aluminum front Pure aluminum wire voice coil	Esotec 28 mm / 1.1 in soft dome	Esotec 28 mm / 1.1 in soft dome
Woofers	165 mm molded aluminum frame/ one piece thermo formed MSP cone 75 mm voice coil with pure aluminum wire on aluminum former	170 mm / 7 in	240 mm / 9 in
Dimensions (W x H x D mm / in)	186 x 320 x 296 mm / 7.3 x 12.5 x 11.6 in	217 x 338 x 321 mm / 8.7 x 13.5 x 12.8 in	290 x 454 x 388 mm / 11.4 x 17.9 x 15.2 in
Weight	7.7 kg / 16.9 lbs	11 kg / 27.5 lbs	18.6 kg / 41 lbs
Amplifier	HF 50 W/LF 50 W	HF 100 W/LF 100 W Class AB	HF 100 W/LF 200 W Class AB
I/O Connectors	XLR balanced	XLR balanced	XLR balanced

Subwoofers Series**Data**

	9S	18S
System	Single driver, active 9,5 in subwoofer	Twin opposed 9,5 in driver, closed box, active DSP subwoofer
Analog inputs	1 x XLR LFE, 2 x XLR Stereo	2 x balanced XLR, 2 x unbalanced RCA phono
Analog outputs	1 x XLR Slave Out, 2 x XLR SAT Out	2 x balanced XLR, 2 x unbalanced RCA phono
Frequency response (\pm 3 dB)	22 Hz – 175 Hz	16 Hz – 230 Hz \pm 3 dB
Max SPL	106 dB	110 dB
High pass filter	Flat / 60 / 80 Hz	-
Low pass filter	50 Hz -150 Hz	Adjustable/preset
Phase adjustment	0/180 degrees	0/180 degrees
Amplifier power	300 W	500 W
AC power input	100-120 V/200-240 V 50/60 Hz	100-120 V/220-240 V 50/60 Hz
Maximum power consumption	350 W	490 W
Weight	10.5 kg / 23.1 lb	21.5 kg / 45.2 lb
Dimensions (W x H x D mm / in)	266 x 276 x 320 mm / 10.5 x 10.9 x 12.6 in	447 x 300 x 268 mm / 17.6 x 11.8 x 10.6 in
Dimensions with feet (W x H x D mm / in)	-	447 x 333 x 268 mm / 17.6 x 13.1 x 10.6 in

DYNAUDIO PRO

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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