

Focus

**DYN**AUDIO





# Focus

**The new Focus.** All musical details, each diminutive note, every fine sound – with the new Focus series you can experience high end audio on a higher level.

**The new Focus sounds more open and transparent, more detailed and dynamic and more precise than ever before.**

While always maintaining the refined natural balance and homogenous sound quality for which Dynaudio is so renowned.

Dynaudio's 35 years of experience in loudspeaker design and engineering are reflected in the new Focus series. The company's exclusive midrange drivers and woofers with their distinctive Magnesium-Silicate-Polymer cone diaphragms and ultra-light aluminum voice coils, as well as the renowned soft dome tweeters with their specially coated domes were prominent innovations featured in the very first Dynaudio loudspeakers. Dynaudio's sophisticated loudspeaker technologies have been further refined and continuously improved by the loudspeaker specialists in Skanderborg, Denmark, for over three decades now – and as such, fine-tuned to perfection.

The latest Dynaudio driver unit generation is introduced in the new Focus models: Newly developed woofers with improved voice coil and spider assemblies, stronger magnets, optimized die-cast aluminum driver baskets, and soft dome tweeters featuring a new, improved precision coating; synergistically united via further-refined crossover designs and housed in an improved cabinet construction. Each model is ennobled with one of four furniture-grade real wood veneer or two gloss-piano lacquer finishes.

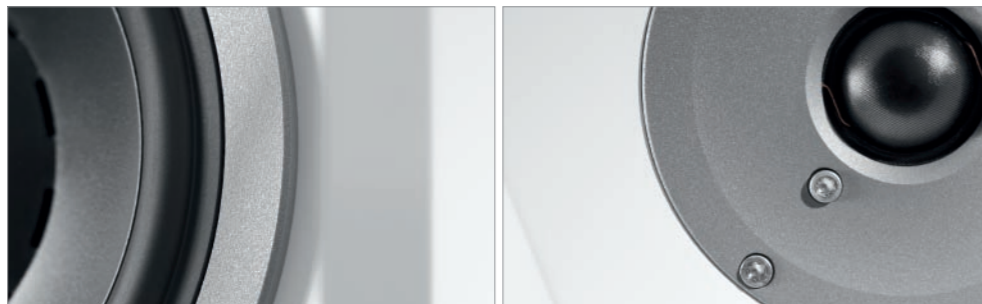
The overall result: The Dynaudio Focus series not only sounds but looks better than ever before while featuring the most advanced loudspeaker technology and performance in its class, with each and every model delivering a new, higher level of sound quality.

**Focus 160.** Dynaudio is lauded for its excellent compact loudspeakers, and the Focus 160 is a fine example and justification for this acclaim.

**Even this most compact model of the Focus series incorporates Dynaudio's legendary soft dome tweeter, whose topology now features a vastly improved precision coating, and an enhanced MSP mid/woofer equipped with a new voice coil assembly featuring new black Kapton® formers and new die-cast aluminum frame baskets.**

The drive units have been perfectly matched with phase optimized 1st order crossovers featuring the highest quality components. The cabinet construction has been improved for lower resonance and greater rigidity and enables an even better performance of the woofer. The Focus 160, especially in medium to smaller sized rooms, positioned on the optional Dynaudio Stand<sup>4</sup> for example, amazes with incredible speed, excellent micro-dynamics, natural musicality, a wide open sound-stage and an exceptionally precise and homogenous sonic performance down to the lower bass.

- Coated 28 mm soft dome tweeter with Precision Coating for natural, clean and clear highs
- New 17 cm MSP Mid/Woofer with 75 mm voice coil for deep, precise bass down to 40 Hz
- Aluminum wire voice coil on new black Kapton® coil former for increased power handling
- New slim-line die-cast aluminum basket for increased rigidity and lower resonance
- 1st order crossover with 6 dB slope for perfectly linear phase coherence
- Highest quality crossover components for absolute sound neutrality
- Optional: Dynaudio Stand<sup>4</sup> speaker stand for free-standing placement or SF<sup>1</sup> speaker foot for sideboard/bookshelf placement (Black or Silver)



160

**Focus 260.** Cohesively balanced like a compact monitor, but exhibiting the substance and power of a floor-standing loudspeaker.

**The Focus 260 features a dual mid/bass driver complement, comprised of two MSP mid/woofers equipped with the advanced new black Kapton® voice coil formers and die-cast aluminum driver baskets, built into a relatively large cabinet volume.**

A perfect sonic integration with the Dynaudio soft dome tweeter, which features the new Precision Coating, is achieved via the high-grade high-performance 1st order crossover. Due to the relatively slim cabinet, which stands less than 1 meter tall, an ideal sound radiation is ensured – even at short listening distances. The Focus 260 thus combines the same excellent speed, expansive soundstage, incredibly natural musicality and extremely accurate and homogenous balance of the compact Focus 160 with added low-bass dynamics and presence, and is perfectly suited for medium to larger sized rooms.

- Coated 28 mm soft dome tweeter with Precision Coating for natural, clean and clear highs
- Two new 17 cm MSP Mid/woofers with 75 mm voice coil for deep, precise bass down to 32 Hz
- Aluminum wire voice coil on new black Kapton® coil former for increased power handling
- New slim-line die-cast aluminum baskets for increased rigidity and lower resonance
- 1st order crossover with 6 dB slope for perfectly linear phase coherence
- Highest quality crossover components for absolute sound neutrality

260



# 340

**Focus 340.** The Focus 340 offers more of everything.

**Thanks to the dedicated midrange drive unit, the midrange exhibits improved resolution and accuracy, while the soft dome tweeter and the midrange and bass drivers each can realize the optimum performance possible within their characteristic frequency ranges.**

The woofer and mid/range diaphragms are comprised of the MSP material developed by Dynaudio, and achieve a perfect sonic integration via the finely-tuned and phase-consistent high-grade crossover. The dual 18 cm woofers have been developed especially for the Focus 340 and feature extra-large cone surfaces, the new black Kapton® voice coil formers and rigid die-cast aluminum baskets, all housed in an ultra-rigid cabinet construction. The result is an impressive floor-standing loudspeaker with an incredibly dynamic, fast, accurate and open sonic performance, mated to a deep, powerful yet extremely precise bass response.

- Coated 28 mm soft dome tweeter with Precision Coating for natural, clean and clear highs
- Dedicated 15 cm MSP midrange driver with 38 mm voice coil for improved resolution and accuracy
- Two new 18 cm MSP mid/woofers each with 75 mm voice coil for deep, precise bass down to 32 Hz
- Aluminum wire voice coil on new black Kapton® coil former for increased power handling
- New slim-line die-cast aluminum baskets for increased rigidity and lower resonance
- Phase-optimised crossover design for perfect phase coherence
- Highest quality crossover components for absolute sound neutrality





**Focus 380.** The Focus 380 is a most impressive loudspeaker representing the flagship of the Focus series.

**Two extra-large 20 cm woofers featuring ultra-rigid die-cast aluminum baskets operate in tandem in a large cabinet volume to guarantee the utmost deep bass extension and low frequency performance.**

Especially in larger rooms, a precise balance between high, mid and low frequency ranges is imperative – and the Focus 380 is ideally suited for this task. The mid/woofer and woofer cones utilize the proprietary MSP material in order to achieve a seamless sonic integration, while Dynaudio's finest soft dome tweeter design is employed to reproduce the high frequencies: The Esotar<sup>2</sup>. The overall musical performance is stunning: The Focus 380 is rich in detail, high in resolution but smooth in the high frequencies; open and precise in the midrange, and powerful and absolutely rock-solid in the bass and low bass registers: a loudspeaker for every room and any style of music.

- Coated 28 mm Esotar<sup>2</sup> soft dome tweeter with Precision Coating for natural, clean and clear highs
- Dedicated 15 cm MSP midrange driver with 38 mm voice coil for improved resolution and accuracy
- Two new 20 cm MSP mid/woofers each with 75 mm voice coil for deep, precise bass down to 30 Hz
- Aluminum wire voice coil on new black Kapton<sup>®</sup> coil former for increased power handling
- Die-cast aluminum baskets for increased rigidity and lower resonance
- Phase-optimised crossover design for perfect phase coherence
- Highest quality crossover components for absolute sound neutrality



380



**Focus 210 C.** Any home theater system is only as good as its center channel loudspeaker allows, as the center is the heart of the system.

**The Focus 210 C center channel loudspeaker is thus equipped with the same high-quality Dynaudio soft dome tweeters and MSP mid/bass drivers in order to ideally complement the Focus models. Thus the same high level of sound quality as the main left/right channel loudspeakers is maintained to create an evenly balanced, accurately realistic and audibly cohesive soundstage across the video screen.**

The Focus 210 C crossover and cabinet quality is also built to the same high standards – as this is critically important to achieve a neutral, detailed and natural reproduction of the midrange. Dual mid/bass drivers are employed in parallel to attain an accurate roll-off in the bass. The Focus 210 C thus not only exhibits an excellent midrange quality for reproducing voices naturally, but remains precisely balanced even in the upper and lower bass registers. For a slightly angled directional placement, for example when positioned on a sideboard or on shelving above or below a video monitor, the optional Dynaudio Center Base and Center Base<sup>2</sup> angled center channel plinths are available.

- Coated 28 mm soft dome tweeter with Precision Coating for natural, clean and clear highs
- Two 15 cm MSP mid/woofers with 75 mm voice coils for deep, precise bass down to 40 Hz
- Aluminum wire voice coil on new black Kapton® coil former for increased power handling
- New slim-line die-cast aluminum baskets for increased rigidity and lower resonance
- 1st order crossover with 6 dB slope for perfectly linear phase coherence
- Highest quality crossover components for absolute sound neutrality
- Optional: Dynaudio Center Base or Center Base<sup>2</sup> plinth for angled directivity into the listening area



210 C



**Remarkable dynamics, accuracy and improved power handling:** the new Focus woofers with lightweight aluminum wire voice coil and new black Kapton® coil former and more powerful magnets.

**The distinctive Dynaudio center magnet system is the heart of this high performance driver system. With the magnet positioned inside the voice coil, a larger and more homogenous magnetic field can be effectively utilized. A second major Dynaudio driver innovation is the use of pure aluminum wire for the voice coil. In comparison to the more commonly used and much heavier copper alternative, aluminum allows for extra-ordinarily large diameter coils that remain extremely light. By using aluminum, it is possible to effectively double the coil's diameter without increasing its mass.**

Dynaudio has developed a new generation of further improved drivers for the new Focus models. The voice coil former is now made of black Kapton®. This advanced material is non-magnetic, temperature stable and very stiff, yet still extremely lightweight. In its latest generation, black Kapton® now yields an even stronger coil former in order to enable the voice coil to consistently perform under ideal conditions, perfectly controlling every driver movement, even when playing music rich in dynamics or at higher volume levels.

The complete coil-former construction is affixed to the customary Dynaudio driver diaphragm made from Magnesium Silicate Polymer, a material that combines low mass, high rigidity, and ideal internal damping properties. Formed in a special manufacturing process, this membrane is a unique design with a geometrically optimized shape further enabling smooth sound radiation and an ideal break-up pattern.

Combined with more powerful new magnets and an improved spider material which enables a more linear cone excursion, this results in an extremely precise, incredibly fast and completely accurate woofer movement for exact music reproduction – even at higher volumes.





**A greater level of resolution, detail and high frequency silkiness:** The new Focus soft dome tweeter with improved Precision Coating.

**The best material for a loudspeaker's tweeter is experience:** Dynaudio has relied on soft-dome tweeters for recreating high frequencies since the company was founded, continuously improving and perfecting the soft-dome principle over the years. Dynaudio tweeter designs require a time-consuming and labor-intensive process where the fine fabric diaphragm is shaped into a dome and then is precisely treated with a specially formulated coating.

For the new Focus series tweeters, the Dynaudio engineers have further optimized this coating process. With the new Precision Coating, the coating is now applied even more accurately than previously possible, which enables a perfectly shaped, perfectly coated soft dome. This yields an even smoother sound and ideal radiation over the tweeter's entire frequency spectrum, and ultimately an even better reproduction of the finest audible details.

Over the years, Dynaudio has also continuously improved the heart of the tweeter: A powerful, large magnet system mated to a fine, extremely lightweight voice coil made of pure aluminum wire. As a further refinement, the coil is suspended in Ferrofluid, a magnetic oil. Ferrofluid works like a subtle shock absorber and eliminates excess energy. The frequency range of the Dynaudio tweeter can thus be expanded while the frequency response remains smooth and linear, delivering the highest resolution and most neutral sonic reproduction.

The result is the celebrated Dynaudio soft dome tweeter, which, thanks to its incomparable performance, is commonly regarded as one of the very best transducers in the world.



Every Dynaudio loudspeaker is carefully made in Denmark. Find more information at [www.dynaudio.com](http://www.dynaudio.com).

**A passion for music is something special.** Music allows us to feel so much more than just a series of notes or the fundamental sound of an instrument.

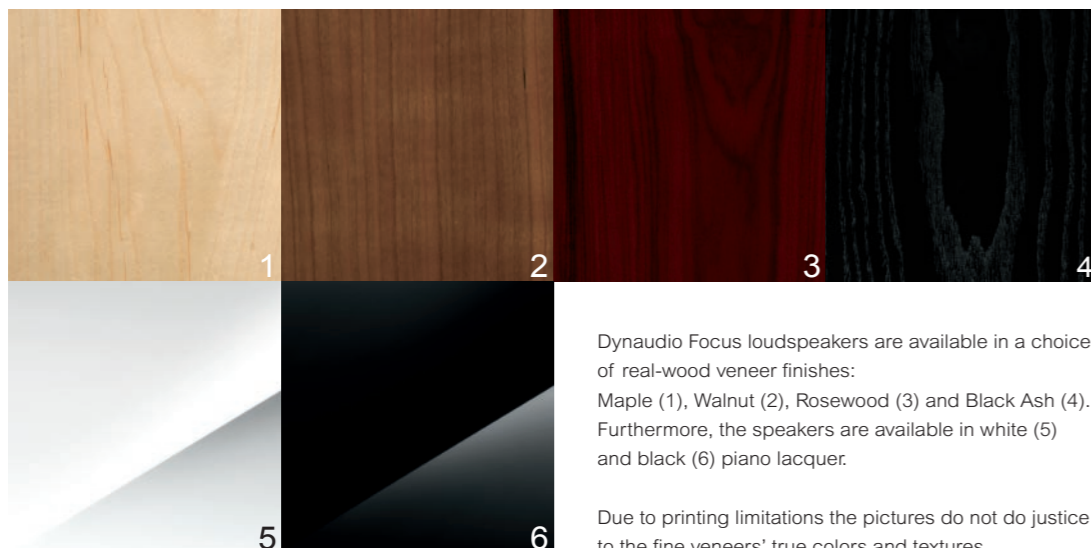
**Through a vast knowledge and understanding of music reproduction, the loudspeaker specialists at Dynaudio have invented a unique driver technology that renders music in perfect authenticity. With Dynaudio you can enjoy all of the fine musical nuances that many other loudspeakers simply can't reproduce. To listen to a Dynaudio loudspeaker is to listen to "All there is".**

Music lovers all across the world have discovered the Dynaudio sound quality. The Dynaudio Home Systems hi-fi and home theatre models are the company's most popular offerings, and many have become highly sought-after audiophile classics. Additionally, the company has entered the multimedia market, bringing its premium sound quality to computer, gaming, and portable audio player applications, taking their performance to the highest level. Dynaudio's superlative sound quality is also in demand in studios: Each year, nearly 40,000 Dynaudio active monitors are installed around the world. Some of the most renowned studios, including the esteemed Air Studios and Mayfair Studios as well as the legendary Abbey Road Studios in London, England, the NRG Studios in Hollywood, California, and Paragon Studios in Nashville, Tennessee, rely on Dynaudio technology as the epitome of neutrality. Prominent clients such as the demanding British Broadcasting Company (BBC Radio & Music), among others, have established Dynaudio loudspeakers as the reference standard for their advanced production facilities.

Listening to music in a car has also become much more quality oriented, and in response to this demand, Dynaudio established its Automotive division, which offers a complete range of highend mobile audio loudspeakers for aftermarket installation, having set a new, higher standard of performance for the industry. Dynaudio has also developed unique high-end sound systems for the Volkswagen Phaeton and the Bugatti Veyron Grand-Sport models that set new benchmarks for factory-fitted automotive entertainment systems.

Everyone who loves music not only wants to hear it, but to experience it – everywhere.

	Focus 160	Focus 260	Focus 210 C	Focus 340	Focus 380
<b>Sensitivity (2.83 V/1 m)</b>	86 dB	87 dB	88 dB	87 dB	89 dB
<b>IEC Power handling</b>	>200 W	>250 W	>250 W	>250 W	>300 W
<b>Impedance</b>	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
<b>Frequency Response</b>	40 Hz–25 kHz (± 3 dB)	32 Hz–25 kHz (± 3 dB)	40 Hz–25 kHz (± 3 dB)	32 Hz–25 kHz (± 3 dB)	30 Hz–25 kHz (± 3 dB)
<b>Weight</b>	7.6 kg	19.1 kg	13.3 kg	23.2 kg	34.0 kg
<b>Dimensions (W x H x D)</b>	202 x 350 x 294 mm 7.9 x 13.8 x 11.6"	202 x 992 x 294 mm 7.9 x 39.1 x 11.6"	640 x 173 x 285 mm 25.2 x 6.8 x 11.2"	221 x 1092 x 325 mm 8.7 x 43.0 x 12.8"	246 x 1222 x 385 mm 9.7 x 48.1 x 15.2"



Dynaudio Focus loudspeakers are available in a choice of real-wood veneer finishes: Maple (1), Walnut (2), Rosewood (3) and Black Ash (4). Furthermore, the speakers are available in white (5) and black (6) piano lacquer.

Due to printing limitations the pictures do not do justice to the fine veneers' true colors and textures.

All there is.

**DYNAUDIO**

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