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Dynaudio Focus



Focus

Home Systems | Professional | Automotive

220 | 140 | 110 | 200 C



Sound that deeply moves.

Dynaudio Focus

Love for music is something truly special. Akin to the quest for a perfect ideal, it is an unyielding passion. People with such feelings are especially talented, almost having enhanced senses. Those who have been moved by the interaction of pure sound and the natural dynamics of music realize: There is a fine distinction to be experienced.

The materials chosen, whether in a fine musical instrument or in a high performance loudspeaker, offer more than just basic functionality. Just as a violin is more than an instrument made from wood, a speaker may be more than meets the eye. Like a melody in which you can hear more than just pure notes, there exists a fine distinction that is especially true for loudspeakers.

That is why at Dynaudio in Skanderborg, Denmark, you will only find people who have passionately

embraced a love of music. The characteristic design, the minute details in finishing, and above all the unparalleled sound quality that have made Dynaudio a loudspeaker legend are born from this passion.

The Dynaudio sound experience remains unique after 30 years, be it in the most demanding recording studios, the finest automobiles or in the total comfort of home.

This is the world of the Dynaudio Focus.

Technology where innovation and experience unite: A design concept that reinterprets Dynaudio's classics. Crafted with passion that fascinates in every detail. And above all, music reproduction so authentic and natural that no words can truly describe it: This is sound that deeply moves.

Music is pure emotion.

High-End loudspeaker Dynaudio Focus 220 in rosewood veneer, two way system, Esotec+ technology



Rhythm, energy, dynamics and movement: Music is pure emotion. With absolute ease powerful energy is transformed into pure dynamics. To achieve this, a loudspeaker must be able to effortlessly follow each change in pace, to be in full control with an outstanding sense of rhythm, and to be able to precisely portray the sound stage: It is the Dynaudio Focus 220.

For a dynamic power delivery in the bass region, this slim floor-standing loudspeaker relies on two mid/bass drivers from the completely newly developed Esotec+ generation. By employing a double-magnet motor system with ultra-compressed Ferrite magnets, dramatic musical passages are reproduced without compromise. And with increased cone excursion, even the most powerful transients are delivered without compression.

The use of large diameter aluminium voice-coils has increased thermal handling capabilities tremendously, allowing all drivers to operate within an ideal temperature range, even at high continuous power levels and during powerful music transients. Another Dynaudio exclusive: The cone diaphragm with controlled rigidity is manufactured from Magnesium Silicate Polymer (MSP) – a material essential to the unique Dynaudio sound. This complete motor assembly is built into a torsionally rigid die-cast aluminium basket, which has been optimized to eliminate air turbulence and resonance and the adverse effects of such.

The extremely smooth and incredibly detailed high frequency reproduction characteristic of Dynaudio is guaranteed by the all-new T 380 soft-dome tweeter, which features the new Esotec+ technology. For the upper-range in the Focus 220, this called for the employment of Neodymium – one of the most efficient but also most expensive magnetic materials for loudspeaker construction. With the tweeter's solid metal face-plate firmly attached to the cabinet by no less than six screws, any resonance is eliminated. Such a secure, neutral foundation is simply not possible by using light-weight plastic cabinets or loosely mounted drivers.

All this technology comes to life in concert with fascinating design: At first sight the Dynaudio Focus 220 intrigues by its innovative yet elegant lines. A gentle taper towards the back of the slim cabinet gives the Focus its unmistakable silhouette. Typical for Dynaudio, the design has a purely technical background: Standing waves inside the cabinet are prevented as the side walls aren't parallel. It is also for acoustical reasons that the baffle's edges are chamfered at 45 degrees and that the speaker grille is mounted slightly away from the baffle. Both measures effectively reduce unwanted diffraction patterns.

Dynaudio Focus 220: A highly developed and mature floor standing loudspeaker incorporating Dynaudio's passion for musical excellence.





220 | 140 | 110 | 200 C

Visual impact. Dynaudio's legendary craftsmanship is an eye-pleasing experience.

Close your eyes and images appear.

High-End compact loudspeaker Dynaudio Focus 140 in cherry veneer, two way system, Esotec+ technology



Close your eyes and images appear. And in a moment there will be complete relaxation. From the first note, it is immediately apparent what the Focus 140's precise balance means: Feeling, warmth, perfection.

The Focus 140 embodies all of the virtues in Dynaudio's long-standing tradition of high-performance compact loudspeakers: Highly evolved Dynaudio technology, meticulously selected components, painstakingly matched materials and carefully voiced sonics. Every technical detail is developed and manufactured exclusively by Dynaudio.

One example is the sophisticated cross-over designed for the Focus 140, which unifies the speaker drivers to deliver a seamless and homogenous presentation. Air-coils wound with the purest copper, high-grade Solen capacitors and zero temperature drift ceramic resistors provide the absolute purity essential for natural music reproduction. To achieve a seamless transition between bass and treble, Dynaudio cross-overs always feature simple 1st order filters (6dB/octave).

These networks deliver a superior transient response, which further improves dynamics with lively music recordings.

Passion for detail also leads to perfection in the all-new Esotec+ tweeter. The fine soft dome features a special coating to facilitate an extended high frequency response free of distortion. Suspended in ferro-fluid for controlled damping, an extremely light aluminium voice-coil drives the dome. In tandem with the incredibly powerful Neodym magnet, sound reproduction remains amazing and dynamic. The new Esotec+ technology lets you fully experience the unparalleled power this seemingly familiar technology is capable of.

The Esotec+ mid/bass driver also employs an aluminium voice-coil, one featuring an unusually large 75 mm diameter on a strong and temperature stable Kapton[®] former to drive its MSP cone diaphragm. The result: A true, dynamic and authentic sound experience.

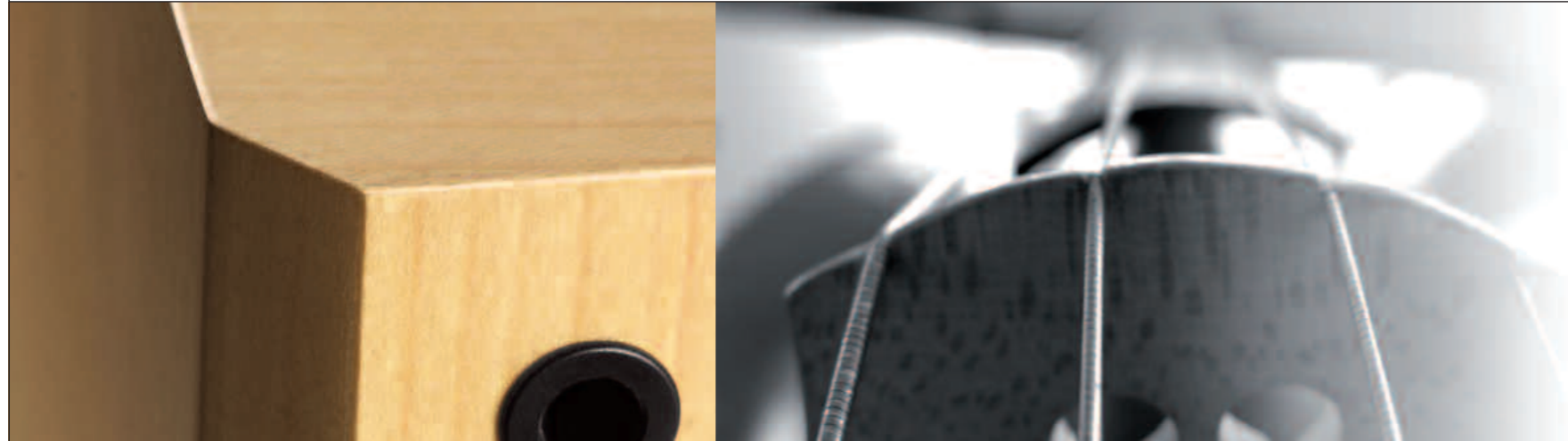
The Focus 140's technology benefited directly from the experience gained in the development of the legendary Dynaudio Confidence and Contour model ranges, both of which set new standards in loudspeaker innovation and performance.

The number 140 will come to represent a new level of maturity with compact loudspeakers: Sheer enjoyment and pure musical pleasure.



For every detail.

High-End compact loudspeaker Dynaudio Focus 110 in maple veneer, two way system, Esotec+ technology



Complete silence. Breath in. The bow gently touches and glides over the string, filling the room with a pure, delicate tone. Sensitive and sensible, each and every subtle detail can be heard: The Focus 110 convinces any music lover with its natural purity and precision.

The basis of this purity is the extremely solid cabinet construction. The asymmetrical form of the cabinet takes shape with sidewalls that gently taper towards the back, contributing additional rigidity to the assembly. In principle, this further prevents unwanted resonance and its detrimental effects. The end result is pure and untainted sound reproduction free of coloration.

The Esotec+ technology is also prominently featured in the smallest model of the Focus range. The integrated D 280 tweeter with its coated 28mm soft dome fascinates with its incredibly detailed resolution of the high frequencies – a level of performance for which Dynaudio has become renowned.

Another element typical of Dynaudio is the diffraction-optimized shape of the new Esotec+ mid/bass driver.

Its cone's characteristic curvature further aids imaging so that even at short listening distances or in a smaller room a realistic, true three-dimensional sound-stage can be enjoyed. In relation to the total cone surface area, the voice-coil is exceptionally large in diameter, allowing a most precise conversion of the amplifier's signal to music. The result is uncompromised, direct music enjoyment.

The Focus 110's balanced frequency response is not simply the result of the superior drivers utilized, but also a product of accurate fine-tuning of the cross-over.

As with all Focus models, the crossover is impedance-corrected. Never does the impedance fall below 4 ohms, thus enabling a wide variety of power amplifiers to be ideally suited to drive the speakers, allowing the full potential of the system to be released – something essential for a perfectly harmonious and comprehensive performance.

The Dynaudio Focus 110 is the definitive compact loudspeaker for authentic music enjoyment right down to the last detail.



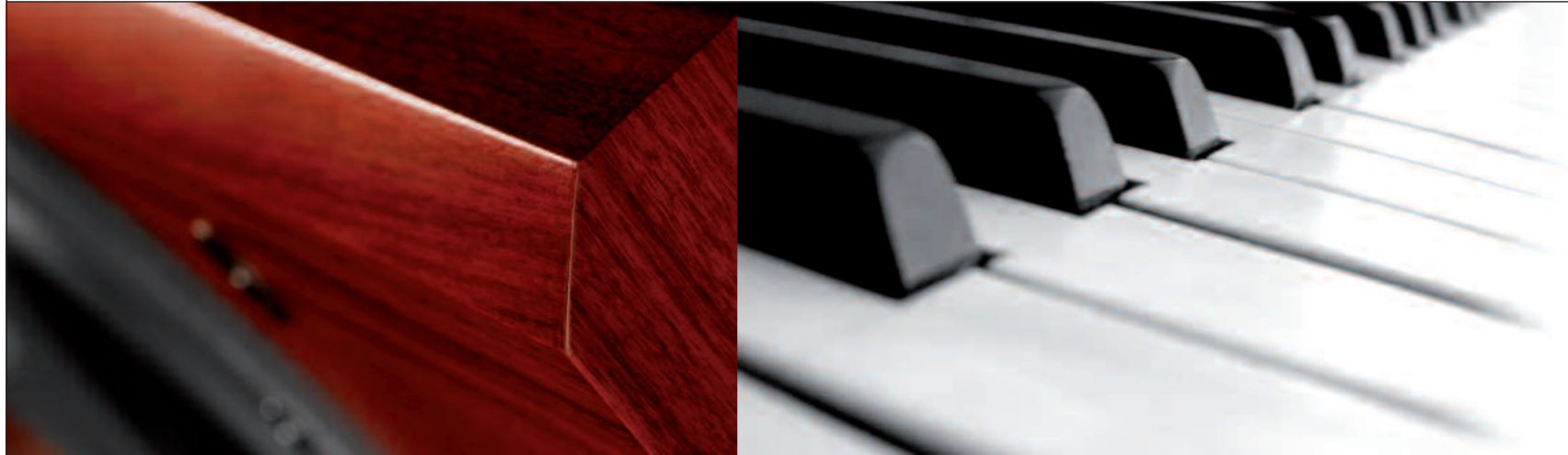
220 | 140 | 110 | 200 C



An unmistakable silhouette. The asymmetrical shape is characteristic of the Dynaudio Focus Series.

For an unforgettable experience.

High-End center loudspeaker Dynaudio Focus 220 C in rosewood veneer, two way system, Esotec+ technology



An out of this world experience: Moving musical scores, exhilarating sound effects, dramatic dialogue – films depend on lifelike sound to convey emotion and draw viewers into the action on screen. Being center-stage, the center channel loudspeaker particularly must be completely neutral and sound natural. This is exactly how the Dynaudio Focus 200 C was specifically designed to perform.

Only when the sonic balance of all speakers is the same, will there be a true room-filling audio experience. To achieve such an authentic sound balance, the driver technology used for the Focus 200 C Center channel loudspeaker is of the same very high standard as that employed in the Focus floor standing and stand-mount speakers. After all, such sophisticated technology for a center speaker is fully justified if one considers that more than 75 percent of the sound in a multi-channel production is directed to the center channel.

Two matching 15 cm mid/bass drivers using Esotec+ technology are employed in the Focus 200 C. These use an optimized double-magnet system so that dynamic impulses can be reproduced precisely and undistorted, even at high volume levels. Impressive sound quality and high power handling capability are

achieved through Dynaudio's characteristically large lightweight aluminium voice-coils and the torsionally stiff, low turbulence die-cast aluminium speaker basket frames. A typical attribute of the MSP cone diaphragms is their freedom of coloration: This keeps voices realistic and open, criteria essential for a high quality center channel.

For the Focus 200 C center channel loudspeaker, Dynaudio's renowned soft-dome tweeter, specially treated with proprietary ferro-fluid to ensure perfect dome behavior, is used for the high frequency reproduction. Both complex sound effects and fine details are easily reproduced yet fit the overall sound character perfectly. The magnetic shielding accommodates the center channel's preferred positioning near the video display.

Above all, precise positioning of the center speaker means properly directing it towards the listening position. Dynaudio's optional Center Base stand is the perfect accessory to help achieve perfect dispersion.

Thus note after note and word after word unfolds. With the Dynaudio Focus 200 C, the entire room is engulfed with natural sound, guaranteeing a most unforgettable entertainment experience.



Discover life's variety of sound.

High-End multichannel set with Focus 220, Focus 200 C, Focus 140 on speaker stand Stand⁴, Dynaudio SUB 250



It doesn't matter what the source or format is for audio: It is the balance and fidelity of the sonic reproduction that decides whether one just hears sound or truly experiences and feels music.

This fact is of particular significance when developing loudspeakers. Thanks to years of experience in the professional recording studio arena, Dynaudio has acquired intimate knowledge regarding music and sound-effects recording. The world's most discerning recording engineers rely on Dynaudio studio monitors as their sound benchmark and reference standard.

In particular with multi-channel systems, the Dynaudio Focus model range impresses with the distinctive Dynaudio sound: A tactile sonic balance with extreme dynamic range delivering an energetic multi-channel experience.

The Focus range offers numerous combinations to accommodate a wide range of rooms, systems and applications. In systems comprised of bookshelf or free-standing loudspeakers, with projection or traditional video display monitors, there will always be a perfect combination possible within the Focus range. It doesn't matter if a Home-Theater set consists of Focus 220 all-round or if the system comprises a combination of the compact loudspeakers Focus 110 and Focus 140. For the optimal selection, the primary

determining factor is the room size. In any case, the result is always a seamlessly balanced and homogeneous sound. For perfect alignment of the Focus 200 C Center Speaker to the listening position, the optional Dynaudio Center Base with its adjustable dispersion angle offers an ideal solution. For the compact Focus models, the Dynaudio Stand¹ and Stand⁴ loudspeaker stands provide the optimum foundation.

The Focus range can easily be combined with any of the Dynaudio subwoofers. Especially with elaborate film productions and high-quality music recordings, the addition of true deep bass offers the sound stage more depth and substance. The various Dynaudio Subwoofer models were specifically developed for precise, controlled deep-bass response and can easily be integrated into any size room thanks to the flexible adjustment settings - which are accessible by remote control from the listening position with most models. Whether it is traditional stereo recordings, live multi-channel renditions, or spectacular film effects: The Focus model line spans the entire spectrum of a moving sound experience.

More information on the Focus range, as well as information and brochures on the Dynaudio Subwoofer and Accessories products are available from your local authorized Dynaudio dealer or on the web at: www.dynaudio.com





Only highest-grade real-wood veneer is used.

Air-coils wound from the purest grade copper are part of the careful fine-tuning process.

Passion means Fidelity.

All Dynaudio loudspeakers originate from a love for music: Dynaudio has committed itself to true, authentic, natural sound reproduction. Every Focus model is a combination of highly developed loudspeaker technology and precisely processed materials, finished and refined with expressive real-wood veneer finishes.

Time and experience drive the meticulous process of selecting and matching veneer from the finest wood available, followed by careful sanding and

French-polishing. All models in the Focus range feature a gentle asymmetrical taper towards the back of the cabinet. This wasn't done just for aesthetical reasons: The distinctive shape prevents internal resonance, as the side walls are not parallel. Additional damping, strengthening and bracing in critical sections further reduces unwanted resonance. The highly sophisticated, asymmetrically shaped Focus cabinets achieve a level of quality only possible through many years of experience.

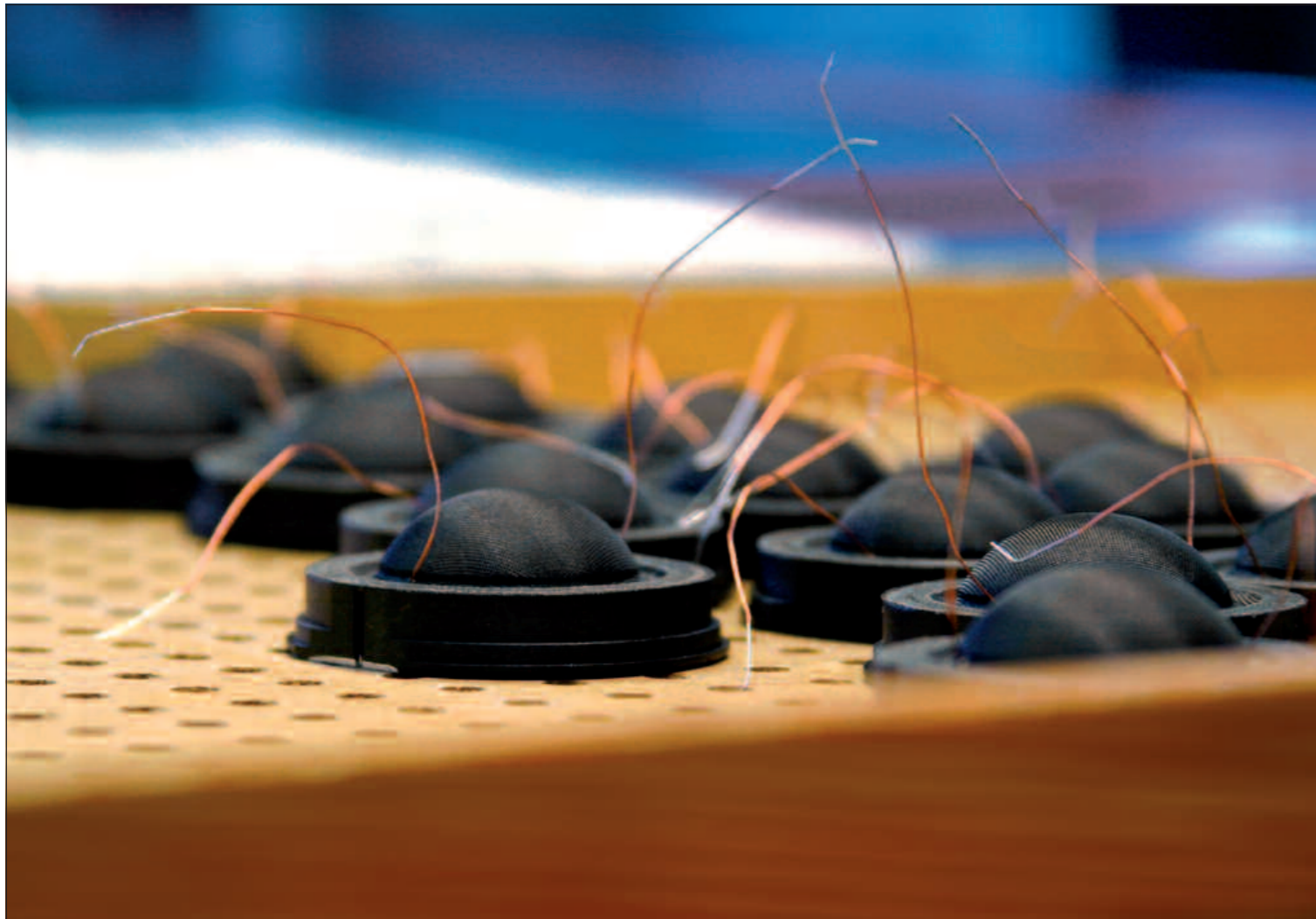
Passion means finesse.

It's not just the details in craftsmanship that set Dynaudio models apart from other loudspeakers. More so, it is the meticulous balance achieved through the extensive process of fine-tuning: When listening to a Dynaudio loudspeaker for the first time, one will immediately notice that music just sounds right.

To reach this level of performance, only the highest quality components, selected for their sonic properties, are used.

A good example is the cross-over: Carefully wound air-coils using the purest copper, choice Solen capacitors and zero temperature drift ceramic resistors are utilized. A Dynaudio cross-over always features simple 1st order filters (6dB/octave) which enable a superior transient response.

Another Dynaudio area of expertise is impedance-correction, which has been taken account in the Focus, making a perfect combination with almost all amplifiers possible.



Dynaudio soft-domes before the coating process.



The distinctive Dynaudio cone is manufactured from a single piece of Magnesium-Silicate-Polymer (MSP).

Performance means Experience.

The best material for a tweeter is experience: Since its origins, Dynaudio has relied on silk soft-dome tweeters for high frequencies – which require a time-consuming manufacturing process where the fine fabric structure obtains its dome shape and then is layered with a specially formulated coating.

Dynaudio has continuously improved and perfected this principle, particularly the heart of the tweeter's construction: the fine, extremely light-weight voice-coil made from pure aluminium. As an additional

refinement, the voice-coil is suspended in ferro-fluid, which improves power handling and even further improves the dome's excursion. The result is legendary tweeters, which thanks to their incomparable performance, are commonly regarded as among the very best drivers in the world.

No other tweeter construction achieves this level of balanced and natural frequency response – but more significantly, no material can compensate for true experience.

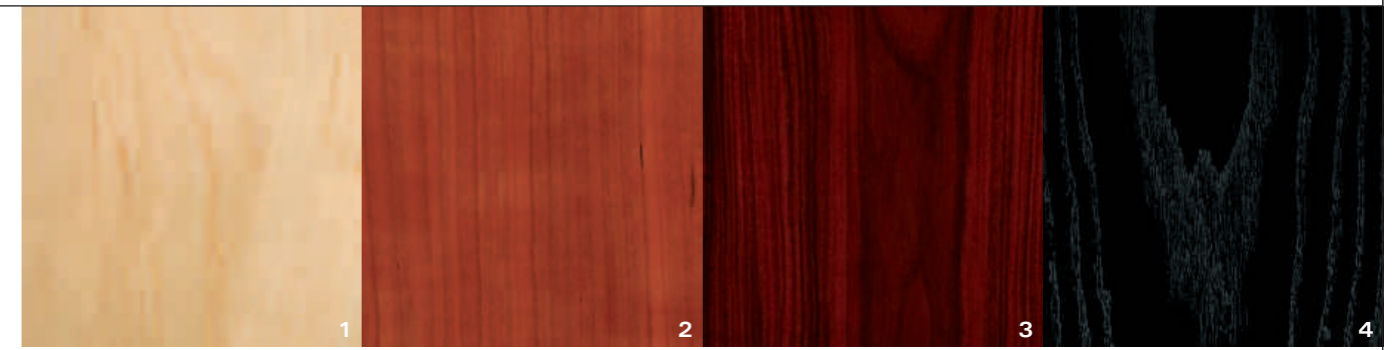
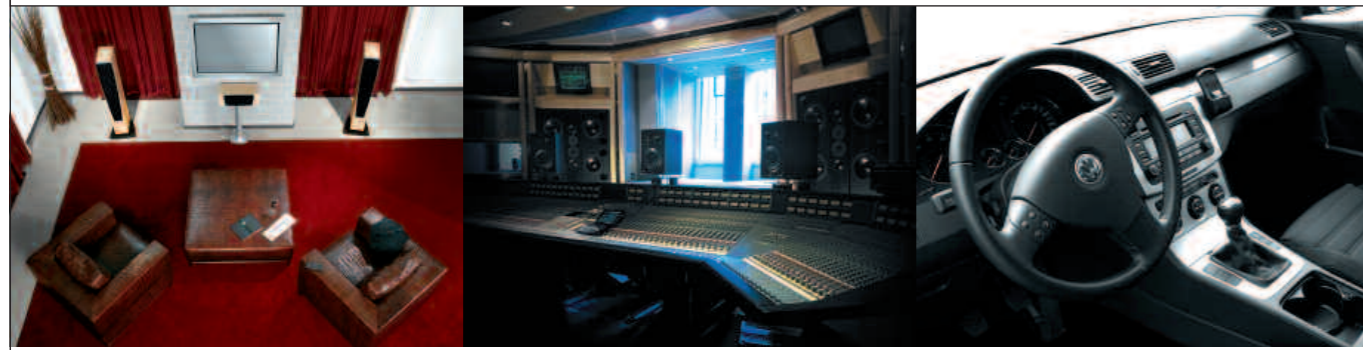
Technology means Precision.

The distinctive Dynaudio cone is manufactured from a single piece of Magnesium-Silicate-Polymer (MSP).

A prominent feature of Dynaudio loudspeakers are the unique loudspeaker cones. For bass and midrange drivers, Dynaudio uses a proprietary and unique mixture of Magnesium-Silicate-Polymer (MSP) a material that combines low weight, controlled rigidity with low internal-resonance. The cone is formed in a special manufacturing process that eliminates the need for separate dust-caps to be glued on at a later stage.

The distinctive, geometrically optimized form of the cone also enables smooth sound dispersion. Another Dynaudio technical innovation is the use of pure aluminium for voice-coils. In comparison to the more commonly used heavy copper, this allows for unusually large diameter voice-coils that remain extremely light. In combination with the new, even stronger magnet material used in the drivers developed for the Focus range, cone movement is more controlled – cone excursion following the music signal from an amplifier with precision and perfection.

Home Systems | Professional | Automotive



Nearly 30 years ago, a group of engineers in Skanderborg, Denmark sharing a passion for music came to the mutual conclusion that even the best loudspeakers available at the time were incapable of playing music without distortion. Phase shift, propagation errors, distortion and poor transient response were clearly measurable and audible with virtually all loudspeakers.

The Dynaudio engineering team ambitiously set forth to create a completely new and modern generation of loudspeakers based on their dedicated research. The efforts resulted in innovative and technologically advanced developments that still remain as the foundation of Dynaudio's unparalleled performance.

Over the years, many different Dynaudio models have become audiophile classics: True loudspeaker legends for true music lovers.

With the unique DDC technology (Dynaudio Directivity Control), Dynaudio maintains its position at the forefront of loudspeaker innovation. The highly advanced models from the Evidence range became milestones in musical reproduction and still serve as the absolute reference standard for many international audio trade publications.

Sound quality is extremely vital in professional recording studios: With its innovative, high-performance studio monitors and active loudspeakers, Dynaudio is held in the highest esteem by the recording engineers of the world's most prestigious recording studios. The demanding British Broadcasting Corporation (BBC) selected Dynaudio loudspeakers as the exclusive reference monitors for all of their modern recording studios.

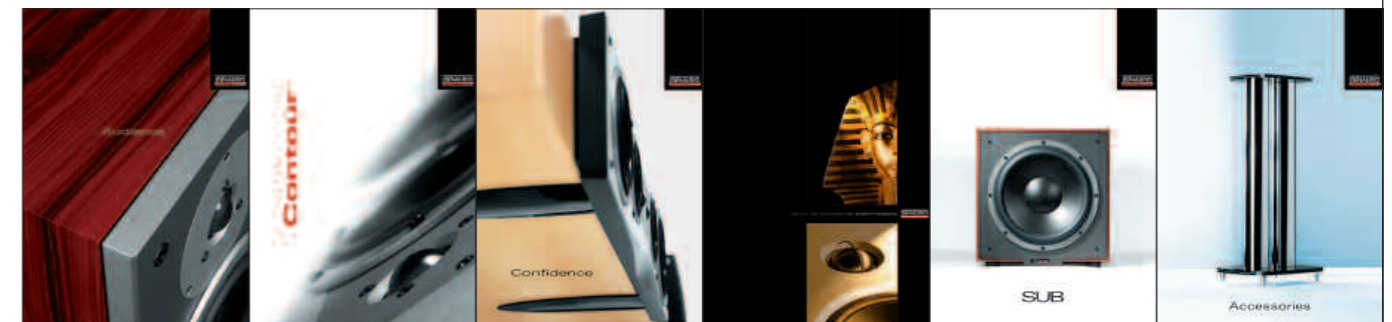
High quality music reproduction is rapidly gaining importance in the Automotive industry. For the past few years, selected Volvo models have been available equipped from the factory with the sophisticated Dynaudio Premium Sound System. In its latest collaboration with Volkswagen, Dynaudio developed a truly unique factory Sound System, one setting new standards for music reproduction in vehicles. Dynaudio's advanced Danish production quality, which consistently exceeds the stringent requirements set by the Quality Certification processes of the Automotive industry, made both the Volvo and Volkswagen projects possible and successful. The technology employed in the Focus range benefits from this combined expertise and history. It marries innovation and experience in fine-tuning the voicing of the speakers with the incomparable Dynaudio tradition of quality: For the love of Music.

The Focus models are available in a choice of the finest real wood veneers: maple (1), cherry (2), rosewood (3) and black ash (4)
Please note that all shown images can not give a true impression of the finesse and structure of a Dynaudio cabinet finish.

	Focus 220	Focus 140	Focus 110	Focus 200 C
Sensitivity	87 dB (2.83 V/1m)	86 dB (2.83 V/1m)	85 dB (2.83 V/1m)	87 dB (2.83 V/1m)
IEC Long Term Power Handling	>250 Watts	>200 Watts	>150 Watts	>250 Watts
Impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Frequency Response	32-25 kHz (+/-3 dB)	41-25 kHz (+/-3 dB)	45-25 kHz (+/-3 dB)	38-25 kHz (+/-3 dB)
Int. Cabinet volume	33 litres	10.5 litres	7.5 litres	17 litres
Bass principle	2-way, reflex	2-way, reflex	2-way, reflex	2-way, reflex
Crossover frequencies	1600 Hz	2400 Hz	1600 Hz	1900 Hz
Weight	18.7 kg	8.5 kg	7.3 kg	12.7 kg
Dimensions (W x H x L)	8.07 x 38.58 x 11.61 "	7.99 x 13.78 x 11.61 "	6.81 x 12.01 x 11.22 "	25.20 x 6.81 x 11.22 "
	205 x 980 x 295 mm	203 x 350 x 295 mm	173 x 305 x 285 mm	640 x 173 x 285 mm

All aspects relating to the performance criteria of the Dynaudio Focus models are strictly controlled. Along all stages of the entire production process - from raw material selection to final assembly and quality control - Dynaudio thoroughly inspects each parameter along every step of the way.

Other loudspeaker series by Dynaudio:



Audience Contour Confidence Evidence SUB Accessories