

Contour

DYNAUDIO
AUTHENTIC FIDELITY



The Nature of Hearing.



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The Contour



The truth of sound resembles the truth of nature: it is lively, vibrant and emotive.

This was the target of the development of the new Dynaudio Contour series, an ambit goal that could only be realized through the company's 25 years of experience in crafting innovative loudspeaker designs and its strong focus on research and development. The concept of the new Contour line updates the classic tradition of the

previous models, bringing to life a completely new landscape of sound. The synergy of advanced Dynaudio driver technology and furniture grade cabinets built from the finest materials, hand-crafted to the highest degree, all precisely manufactured to the tightest tolerances, leads to a level of quality that brings to life the essential nature of sound – **because in the nature of hearing lies the truth of feeling.**



The Contour S 5.4

A burning passion drives the longing for dynamism and power. The art of creating a loudspeaker that transcends time and achieves a level of perfection in sound quality is driven by this same passion. Born from this passion is the performance of the Contour S 5.4.

The powerful neodymium magnets, the precisely formed aluminium voice coils and the stiff MSP cone membranes

demand a solid foundation to deliver maximum dynamics and an ideal impulse response. Thus, the front of the loudspeaker is reinforced by a solid metal baffle, fused to the wooden cabinet by a resonance-absorbing damping panel. This highly rigid construction provides an ideal foundation for the high-performance Dynaudio drivers to perform at their fullest potential. Additionally, the components need to operate in a stable thermal environment. The crossover of the



A Burning Passion.

S 5.4 is mounted on a material offering exceptional cooling. The high quality components are attached with heat-dissipating adhesive onto an aluminium plate, which is integrated inside the back of the cabinet. As a result, all components operate at an ideal and stable working temperature. Even when handling extreme power, the components will never overheat and remain unaffected for extended longevity. The combination of two powerful woofers and a dynamic

midrange driver offers the S 5.4 a perfect balance of force and speed, enabling a most impressive performance in any stereo or home theater system.

The high-resolution Esotar² tweeter, with its coated fabric dome, allows every high frequency detail to unfold, uncovering even the finest hidden sound structures. This is the fire of passion, the element of power in authenticity: The Contour S 5.4.



The Contour S 3.4

In the elements of nature, the earth conceals the essence of its foundation. This silent presence is the basis for all life, the base of every shape and form. Similar to nature, sound also requires a solid foundation: the foundation of the Dynaudio Contour. The S 3.4 emerges as one of the most perfect forms of a natural, life-like sound.

The Contour cabinet is strengthened by cross-braces in specific areas to achieve an absolutely solid construction. Internally, the MDF walls are damped with an extremely

dense material that absorbs even the smallest resonance. In conjunction with the advanced baffle construction, an extremely stiff and rigid unit is created, further ennobled by the finely polished surface of a beautifully finished real wood veneer.

The innovative base plinth, similar to that of the Dynaudio Confidence series, serves as a solid yet stylish stand and provides an ideal foundation for the loudspeaker cabinet. Integrated spike assemblies, adjustable from the top, allow precise levelling on any surface. The crossover is mounted

The Nature of Living Sound.

on a solid block, between the plinth and cabinet, away from unwanted vibrations and resonance, with the shortest path-length to the gold plated WBT terminals. The sensitive components are thus isolated from any potential performance compromising influences.

In the S 3.4, the Esotec tweeter is used; it features a double magnet system that ensures extremely high power handling and precise movement of the dome. The sheen on the dome surface itself is a visible sign of an important fine-tuning: The fabric is precisely coated, resulting in a

smooth and clean frequency response well above 40 kHz, and unlike other tweeter materials, one free of any peaks or dips. The deeper frequencies are handled by two powerful MSP mid/bass drivers that combine a large cone surface area with the power and control of dual drivers, thereby delivering a more precise and controlled reproduction of the signal.

Lively – but never unstable; deep – but transparent; powerful – but finely detailed. That is the essence of the Contour, the foundation of the Contour S 3.4.



The Contour S 1.4

In the purity of a single drop is the perfection of that of the whole: Water. Crystal clear, deep, powerful and lively. This element of nature fascinates with its sheer diversity in form and shape. Rippled waves spread out, always in perfect shapes, always natural. Much like the experience of pure and true sound: The Contour S 1.4.

The advanced Dynaudio technology and the innovative cabinet construction are unified in a spectacular design – all

individual aspects form a harmonious, synergistic whole. Elegant, slim lines shape a soft curve on the front baffle. The thin cloth grille cover, held in place by small, hidden magnets, underlines the silhouette. The real wood veneer is meticulously polished by hand to yield a silky smooth finish, an elegant contrast to the solid aluminium and metal elements essential to the advanced technology of the loudspeakers. To realise the full sound quality potential in any room - in stereo or home theater systems - the S 1.4



The Purity of Sound.

employs an intelligent stand construction. An optional Dynaudio Stand can be directly attached to the cabinet's plinth, which is pre-threaded to accommodate the stand, making the entire construction one integrated unit – an ideal solution both sonically and aesthetically. This level of thought-through construction is mirrored in the internal design: An extensively braced and damped inner cabinet, select crossover components, a phase- and impulse-ideal first order crossover slope, and a sound-quality oriented

balance of all parts and materials. The combination of the powerful 17 cm MSP mid/bass driver and the new Esotec tweeter results in a unique level of sound quality that lives up to the Dynaudio tradition of excellent compact loudspeakers - reproducing music in whole.

With the finest details, most subtle nuances, and a transparent, life-like soundstage, a fascinating design that brings to life the experience of pure sound is born: The Contour S 1.4.

The Contour S CX



The dynamics of nature unleashed, at the center of the elements. Like lightning from the clouds, pure energy strikes in the powerful performance of the Contour S CX.

Dynaudio's extensive experience in professional studio loudspeaker technology allowed the development of the S CX to be focused on the requirements of modern multi-channel recordings: Each and every loudspeaker in a surround system requires the same level of sound quality -

any variance in such between main speakers and effects speakers is unacceptable to Dynaudio. The center channel has actually become most vital to the quality of the soundstage and has taken on even greater importance in the emerging digital audio formats.

The Contour S CX utilizes extremely dynamic mid/bass drivers featuring solid aluminium voice coils to offer incredibly high power handling and remarkable low frequency performance, even in large sized rooms. The drivers are



The Dynamics of Nature.

integrated into the massive, damped metal front baffle for absolute resonance control in the relatively large cabinet. Even at high output levels, the most dynamic impulse will be reproduced precisely. The Contour S CX incorporates the advanced Esotar² soft dome tweeter to handle the high frequencies, achieving the highest resolution and purest, most homogenous response as recognized from the Contour S 5.4 model from which this tweeter was derived. The sheer attention to detail reinforces how strongly

Dynaudio demands the same abilities from a center speaker as from the main speakers. For further flexibility, the optional Center Base and Center Base² stands allow positioning above or below the video screen or monitor with a choice of selectable pitch angles to direct the speaker downwards or upwards, making an ideal integration into the room as easy as possible. It also conveys the nature of the Contour S CX concept: Finally the high-end multi-channel objective is fully realized without compromise.



The Contour S C



Breathing life into nature: The light of the sun. Highlighting any quality multi-channel audio experience is the advanced performance of the Contour S C.

Home theater systems require a center channel capable of the same sound quality level as the front channel speakers to truly come to life. Especially in smaller to medium sized rooms, a homogenous sound dispersion into the listening

area is only possible if all speakers work in synergy to together perform as one.

Despite the relatively compact dimensions of the Contour S C, a most impressive multi-channel system can be comprised, for example, by mating it to the Contour S R surround monitors and an active Dynaudio subwoofer in tandem with dedicated Contour model mains. The advanced level of performance can only be achieved by a highly advanced:



The Center of All Elements.

two dynamic mid/bass drivers and the refined Esotec soft dome tweeter are mounted onto the rigid and specially damped metal baffle. The asymmetrical cabinet is solidly constructed with compact walls, avoiding resonance and therefore eliminating distortion. This is extremely important, as in any home theater system the center channel typically reproduces most of the voices and dialogue – at a frequency spectrum where the ear is extremely sensitive to

any artifice or distortion. The compact dimensions allow the Contour S C to be easily integrated into any room. The optional Center Base offers greater flexibility: With a choice of four selectable angle wedges the sound dispersion can be directed upwards or downwards - with the S C either below or above the screen - precisely towards the listening area. In typical Dynaudio fashion, the S C is ennobled with a perfect finish in the highest-grade natural wood veneer.



The Contour S R



In the vastness of the sky, there are no boundaries. In a wide-open space, the passion is released – a room with no boundaries, a sound with no limit. This is the nature of expanded sound frontiers: The Contour S R.

This wall mount loudspeaker expands the Contour performance to the same level of sound quality. Its unique slim-line geometry renders it discreet, a real advantage when

mounting it onto a wall or integrating it into any living room. Because of its narrow, angular front shape, the Contour S R is discreet as well as elegantly stylish. This smallest Contour model also features high-quality Dynaudio drivers particular to this range, ensuring seamless sonic integration when mated to any Contour model in conjunction with the Contour S C center. The MSP woofer cone is geometrically optimized for perfect sound radiation, ensuring an even dispersion of

Expanding Sound Frontiers.

sound into the room. The Dynaudio soft dome tweeter realizes an equally homogenous radiation of the highest frequencies.

As an added benefit of the compact dimensions and the asymmetrical cabinet shape, surface reflections are reduced to a minimum, while Dynaudio's studio experience in recording and mixing multi-channel soundtracks ensures that the most advanced surround sound performance is delivered.

In combination with an active subwoofer, the Contour S R reproduces a high quality, yet surprisingly large sound, very similar to that of a floor-standing model. As an effects loudspeaker, used as a rear- or side speaker in any high quality Dynaudio Contour multi-channel home theater system, it delivers unsurpassed quality free of compromise. The Contour S R opens the sound into a three-dimensional experience – rooms of expanded sound without limit.

The Nature of Technology. **The Contour**



The Dynaudio Contour series is based on progressive engineering and innovative technology to produce a most natural, life-like performance.

The honest designs and advanced materials take shape to form a natural evolution of the Dynaudio model ranges. Borrowing elements derived from the company's

flagship developments, the Contour models achieve a performance that exceeds anything available in their respective class. The Contour upholds the Dynaudio tradition of quality and emerges as a perfect source of pure musical pleasure, bringing to life the true nature of sound.



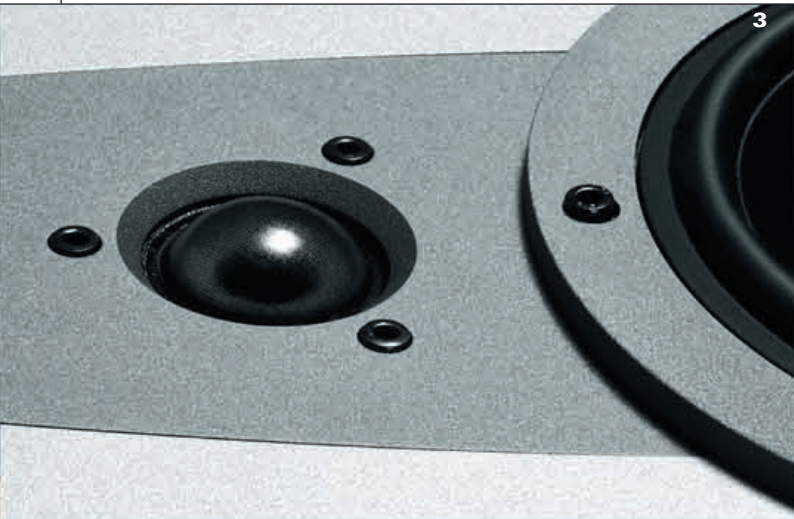
The Nature of Technology.



The different layers (1) of the Contour front baffle create an extremely rigid and stable sandwich construction: the drivers' die-cast aluminium frames are mounted into a high-mass metal plate, isolated by a layer of resonance absorbing material which is adhered to the wooden cabinet. The resulting fusion of materials provides an ideal foundation for the moving driver systems. **The carefully hand-crafted finish (2)** exhibits visible precision: the lavishly finished wood veneer underscores Dynaudio's experience in craftsmanship; a CNC machined tweeter base plate is precisely integrated

into the front baffle; surface colors strike a matching balance while creating a characteristic styling. **The soft dome tweeter (3)** ensures smooth and even sound wave radiation, independent of the volume level. **Equally important is the close integration (4)** of the mid/bass driver and the tweeter plate, which renders a uniquely shaped profile while also aiding a homogenous, point source-like sound radiation.

The Dynaudio Contour S 1.4 can be connected directly (5) to the optional Stand – without requiring the use of the top



Elements I

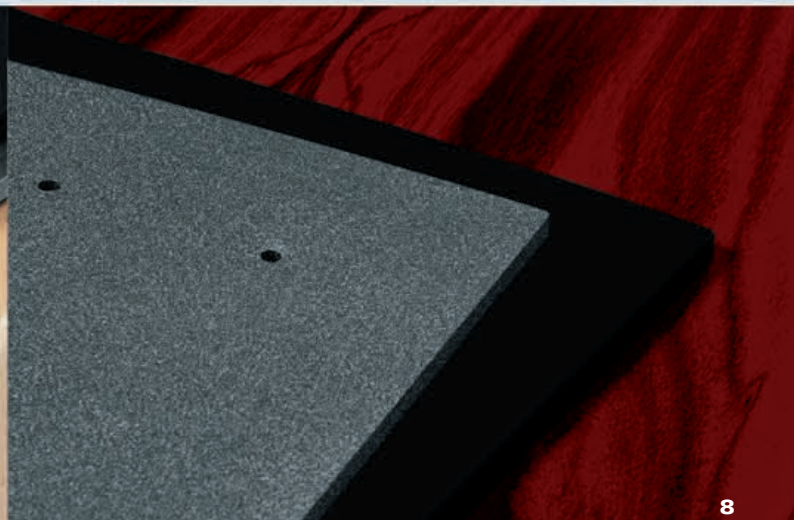
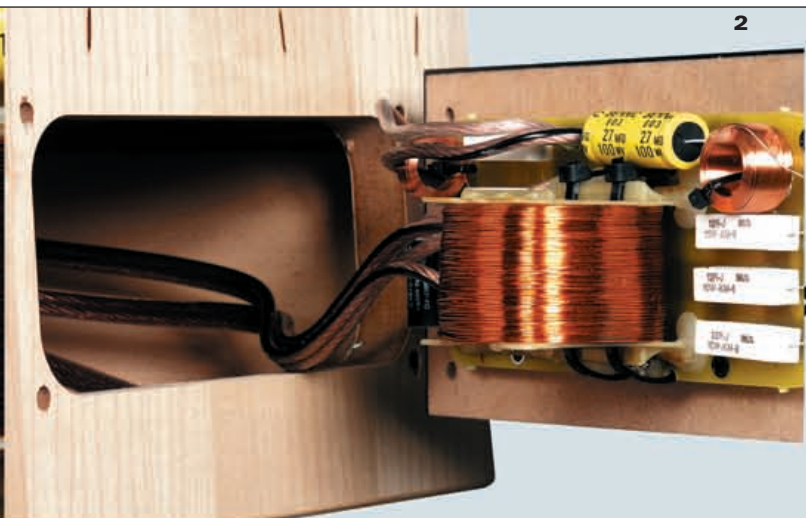
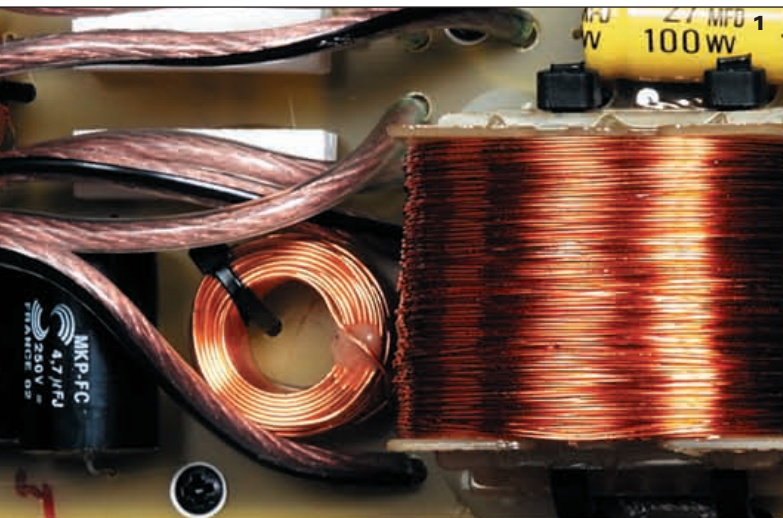


plate. The integrated base is pre-threaded for the pillars of the Stand to allow a secure and stable connection while also combining to form a homogenous design. It is possible to use conventional stands or bookshelf placement as well. **Instead of veneer, the edges are finished with solid wood (6).** **The slim, elegant loudspeaker line (7)** is tuned for optimum performance without the grilles in place. But it is possible to cover the front baffle with the supplied grille with minimal effect on the sound. The special material allows sound waves to pass through virtually unaffected due to its

textile structure. The cloth is held by a frame covering only a minimal surface area of the front baffle, and is secured to the metal front gracefully via concealed magnets. **The five-millimeter thick metal baffle (8)** has a special damping panel fused beneath it, guaranteeing perfect heat dissipation and a stable operating temperature for the drivers. The precise cut and the perfect fit of all the surfaces not only reflect the brilliant craftsmanship behind of the Contour aesthetics, but hint to the masterful performance of the loudspeakers as well.



The Nature of Technology.



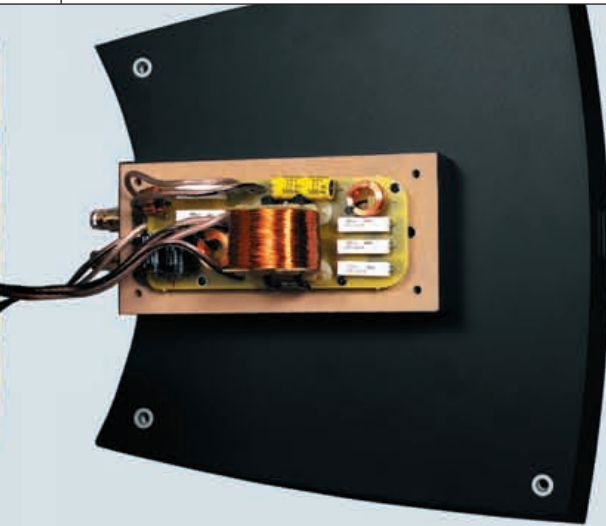
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6

The crossover (1) divides the music signal from the amplifier to the different drivers. A smooth frequency response is only one of many requirements for a good loudspeaker concept, but itself alone is no guarantee of excellent sound. Only after intensive computer simulations, measurements and extensive listening tests have our engineers found the right balance of components and drivers. **The select crossover components (2)** are connected by thick copper traces. Pure copper with long crystalline structures delivers the signal to

the drivers – without any loss. The wires are produced to strict specifications and are unique to each individual design. **The construction of the base plate (3)** is the foundation of the Contour models, while the **concealed spike assemblies (4)** allow precise levelling. The crossover resides on a massive block. To protect the components against vibrations originating from the inner part of the loudspeaker, all sensitive components are attached to the PCB by a special glue, ensuring that there is no chance they will be subject to vibration.

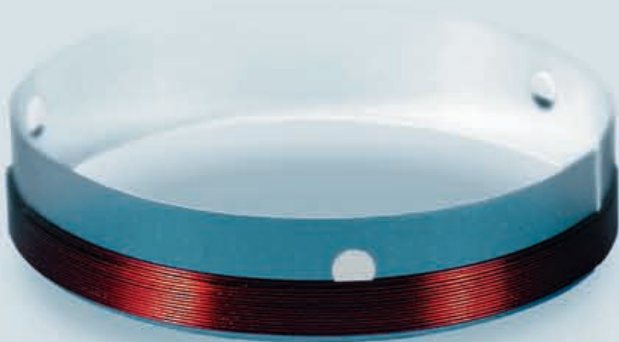


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Elements II



7



8

The Esotec tweeter (5): The dome, with its multiple layer coating, is driven by an aluminium voice coil. Inside, a cone disperses the backwave energy into an absorption chamber to avoid ringing or vibration. **The Esotar² (6)** takes the soft dome tweeter principle further, with its specially formed aluminium back chamber and extremely powerful magnet system. **The choice of pure aluminium for the voice coils (7)** is one of the key elements of Dynaudio technology. Thanks to the substantial weight savings compared to the

copper alternative, larger diameters and more windings of the coil are achieved – enabling greater linear movement and high reliability, without any compression. **The geometrically optimized MSP woofer diaphragm (8)** is also driven by an aluminium voice coil on a Kapton[®] former. To control the surface of the diaphragm, a large diameter coil is employed – much larger than the conventional designs constructed of copper. The result is greater control, with an improved impulse response and superior reliability at high power.



Founded in Denmark in 1977, Dynaudio originated as a group of engineers and loudspeaker developers who held a penchant for music and loudspeaker design. They came to the mutual conclusion that even high-quality loudspeakers were not able to reproduce recorded music without coloration. At that time, distortion, timing differences, phase shift and slow impulse response were not only audible, but also clearly measurable. One of the reasons for these shortcomings was that there were only a few companies developing and manufacturing loudspeaker technology in-house. The manufacturers that did, not only limited their development to few measuring procedures, but failed to consider music-relevant factors.

The Dynaudio team knew from its technical background that the only way it could produce a truly good loudspeaker product would be by developing its own drivers. In the town of Skanderborg, Denmark they set forth to realize their ambition to create a new generation of loudspeakers, based on the company's own technological developments.

The first, and most important step was to avoid the accepted, conventional means of material, technology and manufacturing prevalent at that time, and to instead realize Dynaudio's own ideas in order to avoid the

known disadvantages of the conventional methodology. The results achieved were innovations in each detail of the loudspeaker, which shaped the technical foundation for Dynaudio. Many of the original Dynaudio developments and innovations form the core of the driver technology responsible for the advanced Dynaudio sound quality enjoyed today.

The Dynaudio tradition has always been particularly committed to the state-of-the-art in high-end loudspeaker designs. Even in the demanding premium car hi-fi business, and the most advanced recording studios of the world, Dynaudio loudspeaker technology is highly respected and widely utilized – a result of the demanding QS 9000 Quality Certification that the Dynaudio production has achieved, and the high performance of the products that result.

Innovation is still paramount at Dynaudio: The DDC technology (Dynaudio Directivity Control) has established the advanced Evidence Master and Evidence Temptation models as reference loudspeakers around the world. A similar level of sound quality was later realized with the Confidence series, which again is the foundation for the latest development – **the Contour**.

Authentic Fidelity. **Dynaudio**

Technical Specifications

	Contour S 5.4	Contour S 3.4	Contour S 1.4	Contour S CX	Contour S C	Contour S R
Sensitivity	(2.83 V/1 m): 89 dB	(2.83 V/1 m): 88 dB	(2.83 V/1 m): 85 dB	(2.83 V/1 m): 87 dB	(2.83 V/1 m): 86 dB	(2.83 V/1 m): 86 dB
IEC Long Term Power Handling	350 watts (4 ohms)	300 watts (4 ohms)	170 watts (4 ohms)	300 watts (4 ohms)	150 watts (4 ohms)	100 watts (4 ohms)
Impedance, Nominal	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms	4 ohms
Bass Principle	Reflex	Reflex	Reflex	Reflex	Reflex	Sealed Enclosure
Weight	46 kg	40 kg	12 kg	18 kg	10 kg	5 kg
Dimensions (W x H x D)	214 x 1450 x 390 mm 8.4 x 57.1 x 14.4 "	190 x 1220 x 340 mm 7.5 x 48.1 x 13.4 "	188 x 400 x 340 mm 7.4 x 15.8 x 13.4 "	800 x 193 x 318 mm 31.5 x 7.6 x 12.5 "	490 x 230 x 260 mm 19.3 x 9.1 x 10.2 "	165 x 275 x 140 mm 6.5 x 10.8 x 5.5 "
Crossover Slope	6 dB/oct	6 dB/oct	6 dB/oct	6 dB/oct	6 dB/oct	6 dB/oct
Tweeters	Esotar ² 28 mm soft dome	Esotec 28 mm soft dome	Esotec 28 mm soft dome	Esotar ² 28 mm soft dome	Esotec 28 mm soft dome	Esotec 28 mm soft dome
Mid/Woofer	1 x 15 cm MSP-cone, 38 mm pure aluminium wire voice coil	2 x 17 cm MSP-cone, 75 mm pure aluminium wire voice coil	1 x 17 cm MSP-cone, 75 mm pure aluminium wire voice coil	2 x 17 cm MSP-cone, 75 mm pure aluminium wire voice coil	2 x 15 cm MSP-cone, 75 mm pure aluminium wire voice coil	1 x 15 cm MSP-cone, 75 mm pure aluminium wire voice coil
Woofers	2 x 20 cm MSP-cone 75 mm pure aluminium wire voice coil	-	-	-	-	-
Connection	CE-comp. WBT gold binding posts (all models)					
Optional	-	-	Dynaudio Stands	Dynaudio Center Bases	Dynaudio Center Bases	-



Technical specifications are subject to change without notice.

Kapton® is a registered trademark of Dupont.

The Contour models are available in a choice of standard natural veneers. Please consult your authorized Dynaudio dealer for information regarding other finishes which may be available upon request per special order. All shown veneers images can not give a true impression of the finesse and structure of a real wood finish.

All aspects relating to the performance criteria of the Contour line 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. In turn, all Dynaudio loudspeakers are adorned with a five-year manufacturer's warranty.



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