

Contour

DYNAUDIO
AUTHENTIC FIDELITY



the nature of truth
is



reflected in the diversity of
the elements.



the nature of feeling
is reflected in the truth of hearing.



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

This was the target for the development of the new Dynaudio Contour series, an ambitious goal that could only be realized through the company's 25 years of experience in crafting advanced 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

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born from a

A fiery 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 the fire of sound is the passion 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 plate, 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 operate to their fullest potential. Additionally, the components need to operate in a stable thermal environment. The crossover of the S 5.4



fiery passion.

the Contour S 5.4

is mounted onto a material offering exceptional cooling. The high quality components are attached by a heat-dissipating adhesive onto an aluminium plate, which is integrated into the cabinet's back side. As a result, all components operate at an ideal and stable working temperature. Even when handling extreme power, the components will never over-heat and thus 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 earth's foundation

In the elements of nature, the earth is offered 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

is the basis
for living sound.

the Contour S 3.4

on a smaller 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 factors.

In the S 3.4, the new 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 important fine-tuning: The fabric is precisely coated, resulting in a

smooth and clean frequency response even above 20 kHz, and unlike other tweeter materials, 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 two 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 essence of the **Contour S 3.4**.



the perfection of the

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 life 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 S1.4.

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 S1.4

element
reflects the purity of sound.



the Contour S 1.4

employs an intelligent stand construction. The optional Dynaudio Stand² can be directly attached to the cabinet's plinth. A stand top plate is not needed, and the entire construction becomes an 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 true sound is born: The **Contour S 1.4**.



at the heart of all



The dynamics of nature makes it visible: Light. At the heart of all elements lies pure energy. Streams of endless power emanate from this central point. The light of nature is like the sound in a room - made audible through its core: The Contour SC center.

Room-filling sound becomes an even more important issue with home theatre. More and more people are experiencing surround sound in their homes. Studio engineers, most

often working with Dynaudio professional monitors, are emphasising multiple channels to produce high quality DVD recordings. With the Contour SC, this level of performance can now be experienced to its fullest, thanks in part to the fine Esotec tweeter, which yields a completely natural yet intense sound reproduction, with impressive sound-staging capabilities. Aided by two mid/bass drivers, its powerful force can be experienced in any quality AV system. With the optional Center Base the Contour SC can be ideally



elements
lies pure energy.

the Contour S C center

positioned towards the listening area - the angle of dispersion can be adjusted, allowing placement above or below video screens, flat panel displays or TV sets. Its compact dimensions alone make placement easy. The solid construction, aided by a metal baffle, ensures stability even when reproducing the most powerful sound effects. The driver array is rigidly mounted to the innovative baffle and fine-tuned by the advanced crossover, allowing a perfect sonic integration with the rest of the Contour line.

With its excellent performance, the Contour S C completely fascinates movie fanatics. Designed to complete any Dynaudio Contour home theater set-up, rounded off by the elegant SR compact model as a rear or side channel loudspeaker, it guarantees a unique and unforgettable, naturally breathtaking experience. Be it with special movie sound effects or multi-channel music recordings, the **Contour S C** puts you in the middle of the action, at the heart of the power of the moment.



expanding

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 SR.

This 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 SR 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 SC center. The MSP woofer cone is geometrically optimized for perfect sound radiation,



sound frontiers.

the Contour S R

ensuring an even dispersion of 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 technology of truth
elements of the Contour.



DETAILS

The different layers 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 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 close integration of the mid/bass driver and the tweeter plate renders a uniquely shaped profile while also aiding a homogenous, point source-like sound radiation. Equally important is the soft dome tweeter, which ensures smooth and even sound wave radiation, independent of the volume level.

The Dynaudio Stand² can be connected directly to the compact Contour S 1.4 - without using a top plate - to the loudspeaker. The integrated base is pre-tapped for the pillars of the Stand² 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, depending on the application.

This slim, elegant loudspeaker line 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 influence 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 front has a matching damping panel lying 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 details of the



Contour
elements of truth.

DETAILS II

The crossover 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 for excellent sound. Only after intensive computer simulations, measurements and extensive listening tests have our engineers found the right balance of components and drivers.

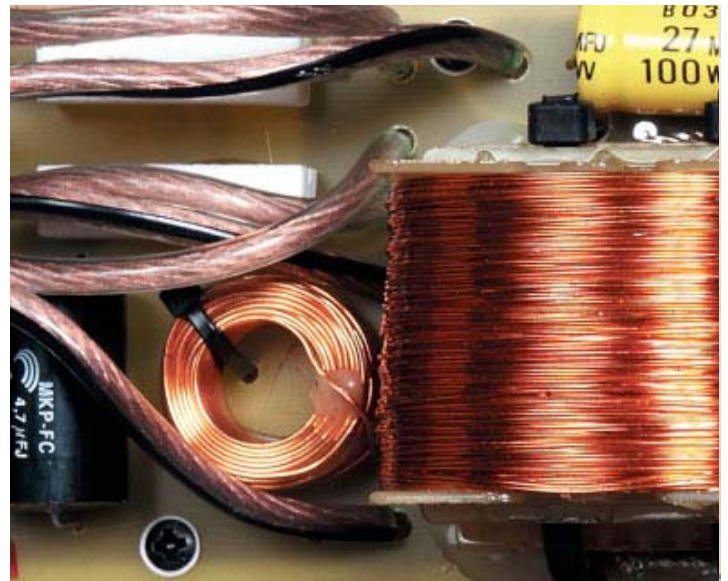
The select crossover components are connected by thick copper traces. Pure copper with long crystalline structures delivers the signal to the drivers - without any loss. The wires are produced to strict specifications and are unique to each individual design.

The construction of the base plate is the foundation of the Contour models. The crossover resides on the massive socket. To protect the components against the sound wave vibrations originating from the inner part of the loudspeaker, all the sensitive components are attached to the PCB by a special glue, ensuring that there is no chance they will be subject to vibration.

The unusual choice of pure aluminium for the voice coils is one of the outstanding features of Dynaudio driver technology. Thanks to the tremendous weight advantage compared to conventional designs based on the heavier copper alternative, we can achieve larger diameters and more windings of the coil - enabling greater linear movement and high reliability, without any compression.

The new Esotec tweeter: The dome, with its multiple layer coating, is driven by an aluminium voice coil. In the inner section of the tweeter, a cone disperses the backwave energy into an absorption chamber. The rigid plastic back chamber has a special structure to avoid ringing or vibration.

The geometrically optimized MSP woofer diaphragm is also driven by an aluminium voice coil on a Kapton® former. To control the complete surface of the diaphragm, we employ a large diameter coil - much larger than conventional designs constructed of copper. The result is a greater control, with an improved impulse response and superior reliability at high power.



the details of the



Contour
the heart of truth.



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 short-comings was that there were only a few companies developing and manufacturing loudspeaker technology in-house. The few 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 formed the technical basis 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 new Contour**.



authentic fidelity
the nature of DYNAUDIO.

TECHNICAL SPECIFICATIONS

	Contour S 5.4	Contour S 3.4	Contour S 1.4	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): 86 dB	(2.83 V/1 m): 86 dB
IEC Long Term Power Handling	350 watts (4 Ohm)	300 watts (4 Ohm)	170 watts (4 Ohm)	150 watts (4 Ohm)	100 watts (4 Ohm)
Impedance, Nominal	4 Ohm	4 Ohm	4 Ohm	4 Ohm	4 Ohm
Bass Principle	Reflex	Reflex	Reflex	0Reflex	Closed Cabinet
Weight	44 kg	33 kg	12 kg	15 kg	4 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 "	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
Tweeters	28 mm soft dome	28 mm soft dome	28 mm soft dome	28 mm soft dome	28 mm soft dome
Woofers/Midranges	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 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				
Options	-	-	STAND ²	Center Base	-

Technical specifications are subject to alterations.

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The Contour models are available in maple or rosewood veneer. Several other natural veneers are available upon request per special order. All shown veneer 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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