

DYNAUDIO



Confidence



Confidence

A new level of high-end listening

Meet Dynaudio's flagship speaker family. Confidence is the culmination of more than 40 years of expertise, research, acoustic science and love of music.

It's the finest loudspeaker we've ever created.

It's packed with science specifically developed to honour art. Brand-new drivers – including the mighty new Esotar3 tweeter – combine with a precision composite baffle, innovative cabinet design and optimised crossover to create the most advanced passive speaker in our history.

Intensive analysis in our Jupiter measuring facility has resulted in the next-generation of Dynaudio's DDC sound-beaming technology – including the new DDC Lens waveguide system. The Esotar3 tweeter in the DDC Lens works in tandem with the new NeoTec woofers, the radical Horizon midrange driver surround and the innovative Compex baffle to ensure music goes exactly where you want it: your ears.

But you won't focus on the tech – you'll be lost in the music.



Lyd & Bilde Nordic

"When fantasy and reality meet"

"It thunders when needed and sounds like a cool breeze when it should."

Geir Gråbein Nordby *Lyd & Bilde* 12/2020

AUDIO

Audio Poland

"Even 'two thirds' of their strength could be enough for me, and I don't think that then the listening quality would be reduced in any way. Beautiful, elegant, clean and at the same time vivid, dense sound. Flawless."

AUDIO 02/2019, Poland



best of high end



best of high end

"Sometimes size does matter. The all-new Confidence 60, the flagship of the new Confidence family, towers above the outgoing Confidence C4 model."

"It's unashamedly big; it's unselfconscious hi-fi royalty. And it sounds like nothing else you've heard. Pull up a chair."

best of high end, Belgium

Confidence 60

Reviews and awards



"All music gets magical wings." Geir Gråbein Nordby, *Lyd & Bilde* 12/2020

Confidence 50

Reviews and awards



“There’s no Dynaudio like this one before. Listening pleasure as always, but the new Confidence seriously shakes up our benchmarks.” Matthias Böde STEREO 11/2019



German Design Award

“The Confidence 50 presents as solid, and lustrous, yet has a minimal profile that, in combination with a choice of colour and finish, makes it a perfect fit for a host of environments. State-of-the-art technology and a range of new elements have outwardly helped to reinvent the classic passive loudspeaker.”



iF DESIGN AWARD 2020

Confidence 50 continues Dynaudio’s strong run in European design competitions with a second win at the prestigious annual European Product Design Award.

The European Product Design Award recognises the efforts of talented designers and design teams who aim to improve consumers’ daily lives with practical and beautiful creations, designed to solve a problem, make life easier or simply spread joy.



Lyd & Bilde Nordic

“Each piece of music is an experience with Confidence 50, which is the most transparent, precise and dynamic speaker we have tested in this class.”

Lasse Svendsen, Lyd & Bilde 01/2020



STEREO

“There seem to be qualities which are independent of the size of the speaker, because to some extent we already heard similar qualities in the brand-new Evoke speakers. If this more intense musicality is indeed Dynaudio’s new guiding theme, then the competitors better get prepared.”

Matthias Böde, STEREO 11/2019



Fairaudio

“With the Dynaudio, on the other hand, I have the feeling that nothing is put in, but everything is subtracted that is not on the recording. It simply sounds strikingly pure. The wow effect may not come after three seconds, but after thirty seconds - when you realise how subtly and nuancedly seemingly unimportant things are integrated into the sound - but it’s all the more lasting for that.”

Ralph Werner, www.fairaudio.de



part-time audiophile

“The C 50s might not quite go far enough to get Gold in the Hammer Throw of Speakers That Perform Feats of Alchemy, but they will get you on the podium. If you’re willing to spend the required setup time and find just the right combo of electronics, you will be amply rewarded by the Dynaudio Confidence C 50, just like I was.”

Dave McNair, part-time audiophile



Hi-Fi Voice

“Their fascinating accuracy and focus, and especially how they remain ‘human’ and pleasant they belong very, very high in the world of large speakers.”

Daniel Brezina, Hi-Fi Voice





Confidence 30 wins famous award in France

"Reinventing yourself is not easy, especially when the bar is already set extremely high. However, Dynaudio feels that it has created the best high-end loudspeaker ever (...) and the Confidence 30 will go down in the brand's history as brilliant."

Haute-Fidélité, issue 240



Audio and stereoplay readers' poll 2020 Silver ear for Confidence 30

In total, more than 22,500 readers took part in the vote and the Dynaudio Confidence 30 won a Silver Ear in the stereoplay vote in the category "Best Floorstanding Loudspeaker over 12,000 Euros".



HiFi & Music

"Top class"

"Details, music quality and control"

Jonas Bryngelsson, HiFi & Music 05/2020



hifi & records

"Continuing the legacy"

"How can the average listener appreciate the lack of any emphasis in the bass or treble? How to appreciate that a truthful tonality is much better for gratifying listening?"

The answer is: With time. The longer I listen to this beautifully finished speakers, the more I realise their enormous capabilities, independent of the record played."

Wilfried Kress and Chief Editor Olaf Sturm, hifi & records 02/2019



stereoplay

"Tonally, Dynaudio in general, the Confidence series in particular, has always been a bank. In this respect there were no surprises here. In terms of transparency, resolution and fine dynamics, however, there are. The Confidence 30 takes a big step forward here". Malte Ruhnke, stereoplay 9/2019

Hi-Fi.ru



hi-fi.ru

"Incredibly fast and clear bass, excellent resolution across the entire range, confident and emotional reproduction of any musical genre."

"Don't look skeptically at the slim silhouette of the Dynaudio Confidence 30 – with the right bass boost, they will give a head start to much more impressive speakers. Well, the DDC technology really works, acoustic room treatment could be minimal. Without a doubt, the Confidence series is the best premiere of the season in the High End loudspeakers market."

Aleksander Chechelev, hi-fi.ru 06/2019

Confidence 30

Reviews and awards



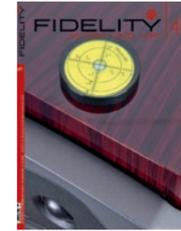
"I've never heard it like that before, and after this experience I never want to miss it again." Wilfried Kress, hifi & records 02/2019

Confidence 20

Reviews and awards



"You'd be committing a crime against your love of music if you were to neglect auditioning this most extraordinary, nay, glorious loudspeaker creation." Edgar Kramer SoundStage!



Fidelity

"Dynamics and timing are so good that I listened to the whole song ,Take Five' until the very end – something that hasn't happened in a long time."

"Dynaudio's youngest speaker impresses with a superb quality finish which you should expect at this price, but it's not always the case in this market."

Roland Schmenner, *Fidelity* 06/2019



image hifi

"But how easily the Dynaudio keeps up with larger electronics is impressive: space to the hilt and a fullness of detail that literally sweeps aside my initial desire for more treble resolution."

"But now, big orchestra. The London Symphony Orchestra builds up finely fanned out, basic tone and foundation are right. Whether delicate string pizzicato, key noises or clenched brass, Confidence becomes a master of nuance here."



SoundStage!

"The C20s were timbrel wonders, their tonal capabilities being among the best I've heard. The complexities of all manner of acoustic instrument, from the extended harmonics of strings, to the 'blattiness' and transient speed of brass, to the span and power of percussion and then on to the humanity of the voice... wow!"

Edgar Kramer, *Soundstage!*



Lyd & Billede

"The new generation of Confidence is without a doubt the best Dynaudio speakers I have ever heard, and the smallest one is a rising star."

"The speakers sound so open and transparent that you get chills running through your body. The precision, the dynamics set new standards for standmounts in this category."

Hi-Fi.ru



hi-fi.ru

"Unexpected dynamics for such a size, the finest details, an exemplary scene."

"Everyone with whom I had a chance to discuss the sound of the new Confidence series is unanimous – this is the best speaker of the company in the entire history of its existence. The level of attention to detail and elaboration of all aspects of the design of the monitors is simply unsurpassed, the quality of workmanship also leaves no room for criticism."

Aleksander Chechelev, *hi-fi.ru* 06/2019

Insights

Since 2002, the Confidence series has shaped the history of Dynaudio: it showed a completely new sound architecture. Back then, thanks to the famous Esotar2, the Confidence combined new driver technology with a distinctive, slim design.

The slim design has remained to this day. But fortunately, the technology, and thus the listening experience, has been steadily improved and refined. Today, the Confidence series is characterised by the following key features:



The new Esotar3 Tweeter

The Esotar3 is the pinnacle of Dynaudio soft-dome tweeter design. It's an evolution of the renowned Esotar2. The Esotar3's rear chamber is much larger to reduce resonance, damping has been further optimised, and there's a super-strong neodymium magnet on board for greater sensitivity and control.

There's also a special new component inside: the Hexis. This is a small inner dome that replaces the Esotar2's felt ring for even greater control over resonances, while also smoothing out the high frequency response.

The effect of all this? Higher detail-resolution, improved clarity and even better dynamics.



DDC Lens

Dynaudio Labs has created a next-generation Dynaudio Directivity Control (DDC) platform for the new Confidence family. It uses all the same principles – every component (including the new Compex baffle) is integral to its success – but now we've taken it even further. The latest DDC speakers need only one tweeter and a far simpler crossover, thanks to the DDC Lens. This is an intricate, precision-formed aluminium waveguide that hones the vertical audio image while maintaining wider horizontal dispersion than before.

The DDC Lens works in conjunction with the Esotar3 and the speakers' midrange drivers and woofers to greatly reduce unwanted reflections from the floor and ceiling, and to focus the stereo image on the listening position.



Hidden gem

This is the Hexis. It sits in the new Esotar3 tweeter, unseen, and gently guides airflow into the rear chamber to increase highfrequency performance to stellar levels

NeoTec Woofer

The Confidence's all-new woofers use neodymium magnets for greater power, more finesse and improved dynamic range.

The Confidence 20 uses an aluminium voice-coil in its woofer, while the Confidence 30, 50 and 60 use copper. Our engineers wanted to increase the force-factor of the woofers in the larger, floor-standing Confidence models to give them more sonic punch. Using copper here gave slightly higher moving mass to align with the cabinet tuning. And, of course, all the Confidence's NeoTec woofers's diaphragms are made from Dynaudio's celebrated MSP (Magnesium Silicate Polymer) material. It's a proprietary composite that we've been using, refining, perfecting and enjoying for decades.



Compex baffle

The Confidence's signature baffle has also been revamped. It's now crafted from an advanced composite, Compex, that's not only very light, but extremely strong, not to mention rigid and well-damped to absorb unwanted resonances. Lift one up and tap it, and you'll hear that it's acoustically very dead. Exactly as it should be.

The Compex baffle has been developed, simulated and machined to work as part of the DDC Lens – so they both, along with the drivers and crossover, all mesh perfectly into the DDC platform.



Dynaudio

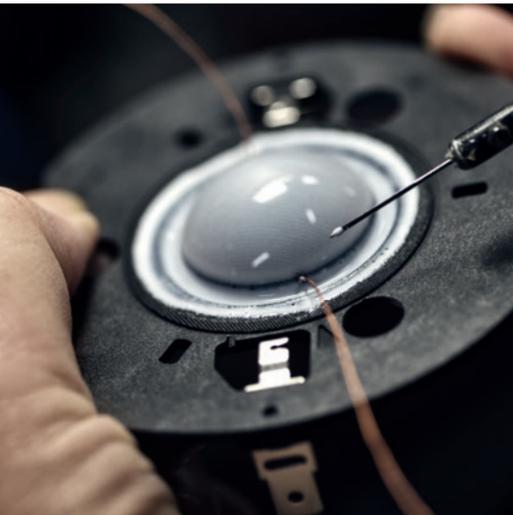
Made in Denmark.

A company like Dynaudio doesn't emerge fully-formed. It takes a clear philosophy – an enduring one – to guide it.

The company began in Skanderborg, Denmark. It's a small town by a lake; you'd like it, it's lovely. Here they turned their attention to making the most honest speakers possible. That meant total transparency: simply and faithfully reproducing the music of the original performance that was fed to them.



Dynaudio Labs
Our newest building in Skanderborg, home of
Dynaudio Labs – our sprawling R&D department



Magnets and wires and robots

The drivers sit at the heart of it all. We develop and manufacture them ourselves – right down to magnetising the magnets and winding the voice-coils. Winding is an automated process these days (although even the robots we built can't escape the eagle eyes or ears of our quality-control people), but at one point even this was done by expert pairs of hands.

Most of our voice-coils are made from aluminium wire instead of copper. It's lighter, which lets us double the coil diameter for any given weight. It also lets us use longer windings – which gives the driver longer excursion and better heat dissipation. (And that, in English, means we have tighter control over the sound.) Others are made from copper when we need extra power (for bass drivers, for example). We'll use the best material for the job. Which means you get the best performance we can deliver.

You might notice our cones are shallower than those of our competitors. That isn't an accident, and it isn't just because we want to be different. It's to improve our speakers' off-axis performance – so the sound you get off to the side is far closer to what you hear out in front... perfect if you have friends over and don't want to give up the best seat.

There are other, less obvious details, too. Some you won't even see – like the spider. That's the springy piece of material that acts as the voice-coil's suspension.



It's springy because it needs to control how much the voice-coil moves back and forth, and how much air there is behind the speaker cone.

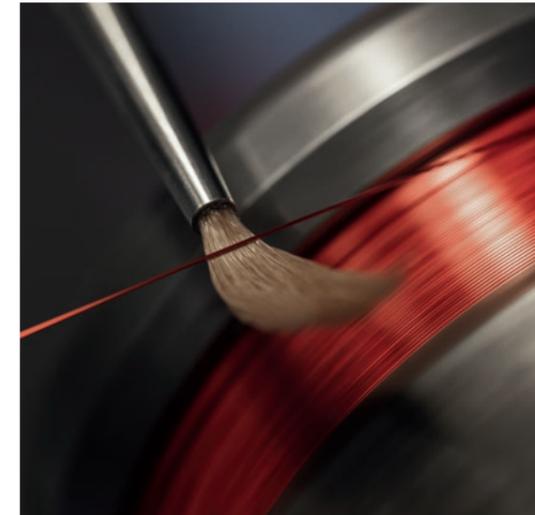
We've improved its symmetry by measuring, simulating and, ultimately, listening.

It all sits in the basket. That's the physical housing for the whole driver motor. It's just as important – so we've spent just as much time refining its design as we have every other part of our speakers. Ventilation is crucial: it's made to reduce turbulence behind the driver, which, again, helps them sound their best.

Then there's our signature soft-dome tweeters. We've been refining our tweeter designs ever since we started the company: geometry, shape, materials, stiffness... even the coating. We use the right amount, in the right places, at the right density, to control roll-off and keep a steady hand on the treble response.

Because Dynaudio tweeters aren't made of metal, they have a flatter, more linear frequency response – which means more honest performance.

But, in the end, it all comes down to our people. They're fanatical about what they do, and they're incredibly proud of what they produce. We hope you're proud to own our speakers, too.





Introducing Jupiter: our colossal robotic measuring array

Making loudspeakers isn't an exact science. But what if it could be? In the past, loudspeaker designers have had to rely on their experience and their ears; an approach that has created truly awe-inducing loudspeakers. However, as technology matures, new methods become more accessible; methods that not only promise increases consistency, but also better loudspeakers in general. That's exactly what our new measuring facilities promise: increased consistency and even better loudspeakers.

Technical specifications



	Confidence 60	Confidence 50	Confidence 30	Confidence 20
Sensitivity	87dB (2.83V / 1m)	87dB (2.83V / 1m)	88dB (2.83V / 1m)	87dB (2.83V / 1m)
IEC power handling	600W	400W	350W	250W
Impedance	4Ω (min 3.7 Ω @ 71Hz)	4Ω (min 2.7 Ω @ 79Hz)	4Ω (min 2.8 Ω @ 85Hz)	6Ω (min 5Ω @ 155Hz)
Frequency response (+/- 3dB)	29Hz-22kHz	35Hz-22kHz	38Hz-22kHz	42Hz-22kHz
Box principle	Bass-reflex down-firing port	Bass-reflex down-firing port	Bass-reflex down-firing port	Bass-reflex down-firing port
Crossover	3-way	3-way	3-way	2-way
Crossover frequency	200, 2580Hz	200, 2860Hz	290, 3700Hz	2325Hz
Crossover topology	2nd/3rd order with DDC	2nd/3rd order with DDC	2nd/3rd order with DDC	2nd order
Woofer	2x 23cm MSP	2x 18cm MSP	2x 18cm MSP	18cm MSP
Midrange	2x 15cm MSP	2x 15cm MSP	15cm MSP	-
Tweeter	28mm Esotar3	28mm Esotar3	28mm Esotar3	28mm Esotar3
Weight	66.2kg / 145.9lb	49.6 kg / 109.3lb	44.2 kg / 97.4lb	15.2 kg / 33.5lb
Weight including stand	-	-	-	27 kg / 59.6lb
Dimensions (W x H x D)	271 x 1634 x 469mm 10 ³ / ₈ x 64 x 18 ¹ / ₂ in	218 x 1512 x 399mm 8 ⁵ / ₈ x 59 ¹ / ₂ x 15 ³ / ₄ in	222 x 1337 x 399mm 8 ⁷ / ₈ x 52 ³ / ₈ x 15 ³ / ₄ in	223 x 520 x 414mm 8 ⁷ / ₈ x 20 ¹ / ₂ x 16 ¹ / ₄ in
Dimensions with feet/grille (W x H x D)	432 x 1679 x 517mm 17 x 66 ¹ / ₈ x 20 ³ / ₈ in	364 x 1557 x 424mm 14 ³ / ₈ x 61 ¹ / ₄ x 16 ³ / ₄ in	364 x 1382 x 424mm 14 ³ / ₈ x 54 ³ / ₈ x 16 ³ / ₄ in	223 x 520 x 444mm 8 ⁷ / ₈ x 20 ¹ / ₂ x 17 ¹ / ₂ in
Dimensions including stand (W x H x D)	-	-	-	368 x 1134 x 458mm 14 ¹ / ₂ x 44 ³ / ₈ x 18 in

Available finishes: Midnight High Gloss, Smoke High Gloss, Blonde Wood (on request: Raven Wood, Ruby Wood)



DYNAUDIO

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