



IN ADMIRATION OF MUSIC



# DALI ZENSOR

- EPICON
- HELICON
- MENTOR
- IKON
- LEKTOR
- ▶ ZENSOR
- SUBWOOFERS



*Danish Audiophile Loudspeaker Industries*

"...Change your leaves, keep intact your roots."

This quote by Victor Hugo perfectly captures the essence of the brand new DALI ZENSOR series.

In the course of nearly three decades, DALI has developed, designed, and produced high standard loudspeakers for more than a million homes across the world. We only succeeded in doing this by always being curious, moving ahead – and yet sticking to our core values and roots.

Victor Hugo was certainly on to something!

The ZENSOR series is living proof of this. A genuinely affordable hi-fi loudspeaker unmistakably based upon the heritage of DALI's High End series. And packed with more in-house technology, new ideas, and its very own visual DALI identity.

Consisting of five models, the ZENSOR range covers every need - from a compact stereo configuration to an ambitious multi-channel set up. The smallest model includes an integrated wall bracket for easy mounting, and both the floor-standing models and the subwoofer are elevated from the floor on aluminium bases to refine acoustics and stability.

Last, but not least, their appearance is a real eye pleaser. Featuring aluminium style details, integrated in the high gloss lacquered front baffle as a natural extension of the sleek cabinet, the ZENSORS's stylish form is contemporary, yet timeless and stylish. A design that fits well into any home, whichever set up solution you prefer to enjoy your favourite music or movie from.

With core DALI values present in every single detail and aspect, The ZENSOR series is rooted in our highly respected sound principles. Yet, never settles in its quest to improve performance and appearance. In short: DALI ZENSOR is the new, fresh leaf on the tree.

Enjoy!



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## DALI ZENSOR 7

Standing 97.8 cm tall, the flagship model of the series is distinctive and handsome in its contemporary high-gloss lacquered finish. If you crave the full blown sonic experience in a mid to large sized room, this is the way to go!

Being the Magnus Opus of the series, only ZENSOR 7 is equipped with 2x7" woofers. The larger cone area on all ZENSOR's compared to market standards ensures a highly effortless and authentic reproduction of musical dynamics. Add to this a 25 mm dome tweeter where the mass of the dome material has been reduced significantly to offer the utmost accuracy in the reproduction of high frequencies.

Every detail has been handled with care. The stylish, rounded edges reduce diffraction to minimize distortion; solid aluminium style features compliment the front baffle; an aluminium base raises the speaker from the floor; and a detachable front grille is included for protection and to offer visual alternative.

Our vision is not to make another traditional loudspeaker, but instead to offer a unique and fully satisfying experience based upon our roots and core values. Thus ZENSOR 7 is a truly potent loudspeaker, capable of reproducing the finest details from a stereo signal – by itself or as forceful front speaker in a surround set up.



- **Tweeter** | With a clear heritage from our high end series, the lightweight dome tweeter offers best in class resolution. It features timing due to the position of the tweeter, minimised compression and increased power handling, thanks to the vented voice coil former. The damping material under the dome minimises reflections from the pole piece.

- **Wood Fibre Cones** | Both the 5 1/4" and the 7" ZENSOR woofers feature
- 4-layer voice coils for maximum control of the wood fibre cone. The low loss construction is ensured by a rigid metal basket and meticulously optimised cone. The result is bass authority, well-controlled reproduction of micro-detail and great transient capabilities.

## DALI ZENSOR 5

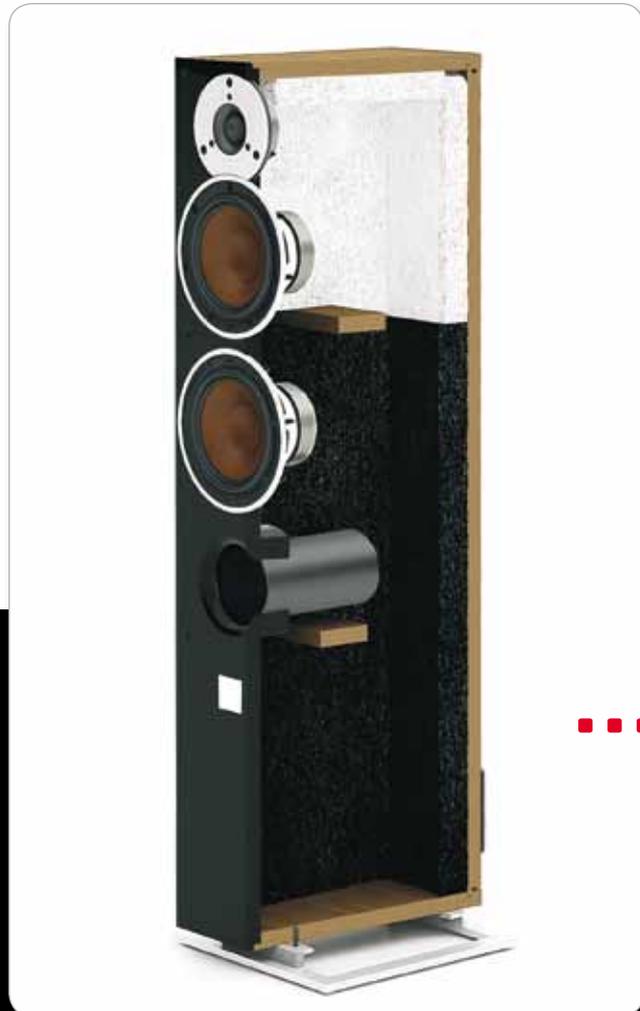
Today, we all expect that little extra care and attention, when it comes to the visual appearance, performance and details. The ZENSOR 5 more than lives up to these expectations.

The ZENSOR 5 front baffle features the exclusive ZENSOR high-gloss lacquered finish, while high-grade vinyl adds an inviting, smooth look to the cabinet made of medium density fibreboard, incorporating soundproof material and internal bracings.

Like its big brother, the ZENSOR 5 highlights a line of prominent features such as removable front grille, steady aluminium base, front mounted bass reflex port, and a single-wired connection input of premium quality. 15 cm shorter than its larger sibling yet still more than 80 cm tall, the floor-standing ZENSOR 5 will prove to be a recognizable and modern companion blending into your home décor with discreet good taste.

Naturally, the 2 x 5 ¼" woofers are completely newly developed, drawing on a comprehensive heritage of successful DALI woofers. While the low-loss construction guarantees optimised cone and suspension for lasting enjoyment of the entire soundscape.

ZENSOR 5 is where to look, if you wish to embellish your home environment with an authoritative and realistic performer that never leaves a doubt as to its origin in DALI High End heritage.



■ ■ ■ ■ ■ Cabinet | CNC machined MDF board, dressed in a top-of-the-class laminate forms the framework of the speaker. In addition, the floor-standing models feature strong internal bracing to reduce structural resonances. In order to optimise timing, the ZENSOR's are fitted with acoustic damping material internally along the sides, top and bottom - but not on the rear side of the front baffle as this creates a more direct contact between woofer and bass port. The audible result is a more precise bass and increased 'attack' in the midrange.

The elegant aluminium base elevates the floor-standing models.





## DALI ZENSOR 3

Combining the best features from the compact ZENSOR 1 and the flagship ZENSOR 7, the ZENSOR 3 works equally well on a stand or on a bookshelf and will fit easily into any mid-sized to larger rooms.

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Despite the compact look ZENSOR 3 is equipped with a 7" woofer. The woofer cones are made from a blend of fine grained paper pulp reinforced with wood fibre, which ensures that every micro detail in the signal is reproduced unfiltered. This allows it to generate a large soundscape, and a surprisingly deep and precise bass.

This sonic experience is achieved through utilization of DALI low-loss technologies. Combined with the ultra-low mass soft dome tweeter the result is a very detailed mid-range and high-frequency which delivers optimum reproduction of both music and movie sound.



The elegant design, flexible placement options and the detailed sound reproduction makes the ZENSOR 3 perfect for use in a stereo setup and will fit perfectly in any ZENSOR surround setup.

## DALI ZENSOR 1

Making sense! That's what ZENSOR 1 is all about, packing as much legacy and music as possible into a slim and compact cabinet that you can carry home under your arm.

The versatile ZENSOR 1 is ideal as an all-round stereo loudspeaker ideally positioned in small to medium sized rooms. It even works well as front speaker in a 2.1 stereo set-up or as a rear speaker in 5.1 systems including a subwoofer, as a refined, yet powerful sound source.

Distinguished by such well-known DALI signature elements as the light and yet stiff wood fibre cones, ZENSOR 1 delivers a highly dynamic, detailed, and undisturbed sound reproduction, while ultra-low mass dome tweeter material ensures a widely extended frequency range.



The soundproof design ideas of DALI provide the background for ZENSOR 1, created in respect and admiration of music. From the basic construction to details such as the integrated wall bracket, rounded edges, and rear-mounted bass reflex port.

## DALI CONNECT stand E-600

Placement of the speaker is one of the most important things when setting up a sound system. Placing a stand speaker the correct distance from the floor is a very big part of getting the optimum audio experience. The DALI CONNECT Stand E-600 is developed to achieve just that, offering a very elegant support solution to the DALI ZENSOR, DALI LEKTOR, DALI IKON series stand speakers and is made to perfectly fit the DALI MENTOR MENUET.

Standing on a delicate cut but very robust silk matte painted glass plate the DALI CONNECT Stand E-600 measures 602 mm. The

high-gloss lacquered aluminium tube includes cable managements and the black painted iron top plate includes adhesive areas to securely hold the speaker to the stand.



■ **Enclosure** | The high gloss front baffle complements the high-grade laminate enclosure and offers an exclusive look and feel. The round edges not only please the eye, but also reduce diffractions, minimising distortion in the listening experience.

■ **Terminals** | High quality DALI terminals secure maximum grip on speaker cables, whether raw or fitted with banana plugs.

## DALI ZENSOR VOKAL

Blood is thicker than water – and ZENSOR VOKAL is created specifically to match the timbre and tonal balance of its family.

The centre loudspeaker is a crucial aspect of home cinema, since this is where the majority of dialogue in movie soundtracks is to be found. ZENSOR VOKAL is engineered to fulfil its purpose: to establish a realistic voice and surround illusion.

The sonic integration abilities of ZENSOR VOKAL, ideal for shelf mounting below your TV screen, is convincing as is the voice matching to the other models of the range. ZENSOR VOKAL includes a front-mounted bass reflex port and is a perfect match for the DALI SUB E-12 F.

ZENSOR VOKAL is the centre loudspeaker to complete that sonic feeling of being there yourself.



## Recommended subwoofers for the DALI ZENSOR series

A DALI subwoofer provides the link between the sound of standard audio reproduction and the sound of reality!

### DALI SUB E-12 F

The heart of this subwoofer is the 12" front-firing long-stroke woofer. It is powered by an ultra-efficient Class-D amplifier. Embracing classic DALI design elements, the E-12 F will deliver a seamless low frequency extension of your AV system and the powerful, well-balanced bass reproduction will flawlessly integrate with your main speakers.

The aluminium cone woofer is capable of moving plenty of air with power and piston precision. The heavy system wields a massive 4-layer, long-stroke voice coil for maximum control and efficient use of the subwoofer's magnetic field. The oversized, down-firing bass port adds extra "virtual cone surface" at the lowest frequencies leading to less stress of the 12" woofer and subsequently a lower total distortion in the speakers entire operating range.



### DALI IKON SUB MK2

In most music and movie production of today, base has a top level priority. The IKON SUB MK2 is designed to be a highly flexible and comprehensive solution to all your bass needs: Powerful, full-bodied, fast and well defined.

The bass performance of The IKON SUB MK2 is superb because of the careful matching of driver, enclosure and amplifier. The cabinet sports a solid two-layer front baffle in order to create the ultimate working environment for the 12" front-firing long-stroke woofer, while the cabinet itself is elevated from a base beneath. The gap above the bass is carefully tuned to extend the length and to widen the propagation of the lowest frequencies in order to eliminate turbulence and other distortions which occur at high air speeds. The IKON SUB MK2 is a surprisingly cost-effective solution and offers both impressive bass for movies and acoustic coherence for your stereo system - and for your living room.

## What HiFi Sound & Vision Awards 2011

*"this is a brilliantly realised set-up and cracking value for money"*

**DALI ZENSOR 5 5.1 system was awarded Best traditional package £700-£1500**

*"It's no bloater, but there's nothing all that discreet about the Zensor 5 5.1 set-up – by the standards of floor standing speakers the Zensor 5s up front are tidily proportioned, but the Vokal centre is a fairly hefty item, and just because the Zensor 1s have wall-hanging brackets on their back panels, that doesn't mean they're not going to intrude into your room. The E-12F subwoofer is the same as that included in the equally successful Fazon 3 5.1 package on p74 – and it's an effective device, too, working in conjunction with its Zensor partners just as impressively as it does with the Fazon satellites.*

*The DALI's facility with movie soundtracks is discussed in the First Test, so here we'll mention its equally laudable way with music. The DTS-HD Master Audio 5.1 soundtrack to Talking Heads' Stop Making Sense is described in painstaking detail by the Zensor 5 5.1, with crisply attacking percussives at the top of the frequency range, expression and bite in the midrange (where the Vokal centre channel really shines) and deep, sinuous low frequencies from both the front speakers and the subwoofer. Integration is impressive, timing is confident and rhythms sound unforced and natural. The sense of performance is tangible and vivid, and the DALI is unflinching in the face of even the biggest dynamic disruptions.*

*In conclusion, we'll lift a quote from the Zensor 5 5.1's First Test: "this is a brilliantly realised set-up and cracking value for money". For £1300 you really can't go wrong".*



## In Admiration of Music

Creating superior sound has always been the cornerstone in our mission to deliver the best music experience possible. Exploring, testing and developing new ways to reproduce sound using the latest technology is what we live for at DALI.

Our skilled “sound creators” are driven by raw enthusiasm and follow the DALI sound philosophy in all aspects when creating a DALI loudspeaker:

**Holographic Sound Imaging** | DALI's time coherence and low-loss technologies create a transparent, holographic, three-dimensional soundstage.

**Amplifier Optimized** | DALI's linear impedance design ensures an audible reduction of amplifier instability and coloration.

**Time Coherence** | The unique DALI drivers, optimised cabinets and carefully tuned crossovers ensure optimum time coherence in the reproduced sound.

**Wide Dispersion** | DALI designs drivers and crossovers to produce wide, even sound dispersion, resulting in outstanding room integration, a larger sweet spot and a wider listening area.

**Low Resonance Cabinets** | Specially designed cabinets reduce resonances and coloration of the sound for natural, realistic sound.

**Hand Crafted** | Hand crafted from the fitting of the cabinet to final electroacoustic testing.



DALI headquarters, Denmark

*Since 1983, DALI – Danish Audiophile Loudspeaker Industries – has designed, developed and produced high performance Hi-Fi loudspeakers.*

*With a reputation for quality, reliability and integrity, DALI is driven by a raw passion for music and a deep respect for the artists who interpret it. The development and refinement of new technologies to increase the realism of the home entertainment experience is the main objective in our quest to create what we believe to be the best loudspeakers in the world.*



[ DALI ZENSOR 1 | White finish ]

## ZENSOR features:

Contemporary yet stylish appearance ■ Wood Fibre Cones ■ Vented Voice Coil ■ Low Loss Construction  
 High Gloss Front Baffle ■ Aluminium base ■ Front Mounted Bass Reflex Port



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ZENSOR 7      ZENSOR 5      ZENSOR 3      ZENSOR 1      VOKAL      SUB E-12 F      IKON SUB MK2

	ZENSOR 7	ZENSOR 5	ZENSOR 3	ZENSOR 1	VOKAL	SUB E-12 F	IKON SUB MK2
Frequency Range [+/- 3] dB [Hz]	40 - 26,500	43 - 26,500	50 - 26,500	53 - 26,500	47 - 26,500	28 - 190	26 - 200
Sensitivity [2.83V/1m] [dB]	90.0	88.0	88.0	86.5	88.5	-	-
Nominal Impedance [Ω]	6	6	6	6	6	-	-
Input Impedance [Ω]	-	-	-	-	-	25k	30k (L/R), 20k (LFE)
Max. Power Consumption [Watts]	-	-	-	-	-	250	500
Max. Amplifier Power Output [Watt RMS]	-	-	-	-	-	220	325
Cont. IEC Power Output [Watt RMS]	-	-	-	-	-	170	250
Maximum SPL [dB]	110	108	108	106	109	112	113
Recommended Amp. Power [Watts]	40-150	30-150	25-125	25-100	30-150	-	-
Crossover Frequencies [Hz]	2,400	2,400	2,600	2,900	2,400	40 - 120	50-130
Crossover Principle	2-way	2-way	2-way	2-way	2-way	-	-
High Frequency Driver	25 mm soft dome	-	-				
Low Frequency/midrange Driver(s)	2 x 7"	2 x 5 1/4"	1 x 7"	1 x 5 1/4"	2 x 5 1/4"	1 x 12" Long Stroke	1 x 12" Long Stroke
Enclosure Type	Bass reflex	Bass reflex					
Bass Reflex Tuning Frequency [Hz]	40.0	44.0	46.0	51.5	45.0	36.0	20.0
Connection Input(s)	Single wire	RCA Stereo (low pass filtered) RCA LFE (Mono)	RCA Stereo (low pass filtered) RCA LFE (Mono)				
Recommended Placement	Floor	Floor	Shelf/Stand	Wall / shelf / (Stand)	Shelf below TV screen	Floor, near wall or corner	Floor, near wall or corner
Magnetic Shielding	No	No	No	Semi shielding	Semi shielding	No	No
Dimensions (H x W x D) [mm]	978 x 205 x 312	825 x 162 x 267	351 x 205 x 293	274 x 162 x 220	161 x 441 x 281	370 x 340 x 380	450 x 410 x 450
Dimensions (H x W x D) [inches]	38.5 x 8.1 x 12.3	32.5 x 6.4 x 10.5	13.8 x 8.1 x 11.5	10.8 x 6.4 x 8.7	6.3 x 17.4 x 11.1	14.6 x 13.4 x 15.0	17.4 x 16.1 x 17.4
Weight [kg/lb]	14.9/32.8	10.3/22.7	6.3/13.9	4.2/9.3	6.8/15.0	14.7 / 32.84	29.0/63.9
Available Finish	Black Ash, White, Light Walnut	Black, White, Light Walnut	Black, White High Gloss, Light Walnut				
Accessories incl.	Manual, Rubber pads, Spikes	Manual, Rubber pads, Spikes	Manual, Rubber bumpers	Manual, Rubber bumpers	Manual, Rubber pads	Manual, Mains cable, Spikes M6	Manual, Rubber Bumpers, Spikes M8, Spanner for spikes, Mains cable
Optional accessories	White grille						

All technical specifications are subject to change without notice. Item no: 553025-0-0

