

DALI BASIK SUB

TECHNOLOGY PAPER



DALI

HIGH-PERFORMANCE ALL-ROUND SUBWOOFER

Unlike some subwoofers, the DALI BASIK SUB has been engineered to perform equally well for both music and movie use. At DALI we believe that it is vital that a subwoofer renders a performance true to the input signal. A DALI subwoofer is anything but a 'boom-box'.

The BASIK SUB brings depth, colour and energy to your listening experience — not by taking over, but by elevating everything around it. Its five expressive colour options and compact, room-friendly design

make it a natural match for DALI KUPID, SONIK or any speaker seeking a richer foundation. Built on DALI's core sound principles, it pairs an in-house down-firing woofer, rigid MDF cabinet and efficient Class-D amplifier to deliver tight, controlled, time-coherent bass. With wide crossover adjustment, phase control, flexible inputs and easy placement, it integrates effortlessly into any stereo or home-cinema setup, enhancing every moment without demanding space, complexity or cost.



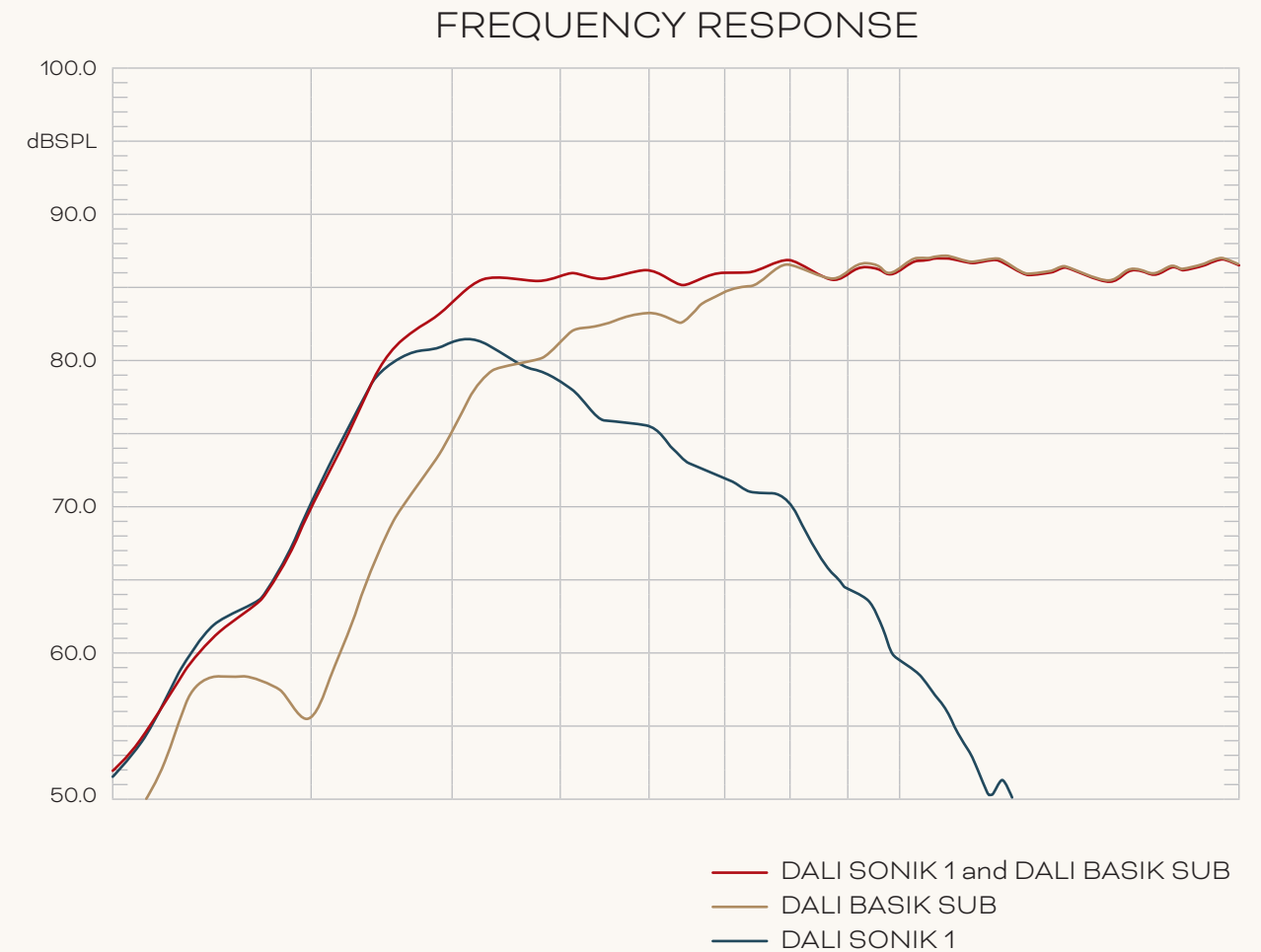


SMOOTH INTEGRATION INTO STEREO AND SURROUND SYSTEMS

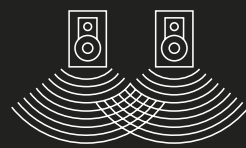
Engineered around DALI's sound design principles, the BASIK SUB is created to act as a natural, seamless extension of your main loudspeakers. With precise time coherence and a low-loss engineering, it delivers clean, low-distortion bass across a broad bandwidth.

Its agile, perfectly timed response ensures effortless integration in both stereo and surround setups, while its budget-friendly design and colourful aesthetics makes high-quality bass performance accessible to even more listeners.

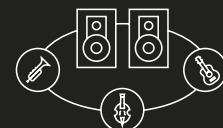
! You can read more about our DALI Sound Design Principles at:
www.dali-speakers.com/en/sound-academy/sound-design-principles



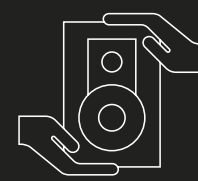
TIME COHERENCE



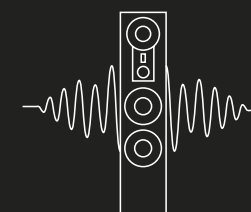
WIDE DISPERSION



HOLOGRAPHIC
SOUND IMAGING



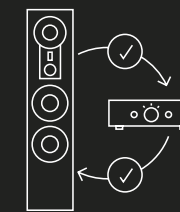
INDIVIDUALLY CRAFTED



LOW LOSS



LOW RESONANCE CABINET



AMPLIFIER OPTIMISED



CLARITY



ELEGANT COLOURFUL DESIGN

The DALI BASIK SUB offers a compact and stylish design paired with a broad palette of contemporary colour options. Available in Solid black, Solid white, Caramel white, Chilly blue, and Golden yellow, it has been created to perfectly complement our DALI KUPID and DALI SONIK loudspeakers, whether you prefer a subtle match or a bold visual contrast. With its streamlined cabinet proportions and clean, modern

aesthetic, the BASIK SUB integrates effortlessly into virtually any living space. Its discreet footprint and refined finish make it easy to place in both small apartments and larger rooms, adding depth to your sound system without dominating the room. This combination of thoughtful design, versatile colours and compact form makes the BASIK SUB an ideal addition to today's interior-focused homes.

ROBUST MDF CABINET WITH DECOUPLED FEET

The robust MDF cabinet is built to DALI's strict standards, offering excellent acoustic stability thanks to the MDF's dense, non-resonant structure. Available in finishes that blend naturally with any décor, the enclosure sits on 25 mm isolation feet that decouple it from the floor, reduce turbulence and enhance the efficiency and placement flexibility of the down-firing design.





DALI BASIK SUB TECHNOLOGIES



CLASS LEADING CONTROL

The drive unit's measured B/L value of 14 N/Ampere reflects a motor system with exceptionally strong control over cone movement — a level of precision rarely seen in this class. This high force factor ensures cleaner, faster and more accurate bass reproduction, even at elevated listening levels. In extensive listening tests, this control translated directly into tighter transients, better integration, clearer low-frequency detail and a more effortless overall performance, confirming that this engineering approach delivers a real, audible benefit.

DOWN-FIRING 8-INCH LONG-STROKE WOOFER

The BASIK SUB features an in-house designed 8-inch down-firing, long-stroke woofer, using a membrane of high-quality paper pulp, combining rigidity, light weight and low mass for excellent breakup control and detailed low-frequency performance.

Its down-firing design promotes even bass distribution and flexible placement while minimizing localisation. An oversized ferrite magnet, optimised for maximum flux within the voice-coil gap, ensures precise control of fine bass details, even at higher levels.

LOW-LOSS ENGINEERING

With a long, vented 21.8 mm voice coil and fully ventilated pole piece, the system maintains stable cooling, a stable impedance response and free movement of the cone without any over/under pressure affecting the performance.

The bass reflex enclosure further reduces losses at very low frequencies, delivering deeper, more effortless bass extension with minimal distortion.

Adhering to the low-loss sound design principle, the rubber surround of the woofer is built to allow long and linear excursion. The oversized suspension is designed to allow both weak and strong transients to turn into undistorted acoustic signals for absolute clarity and speed.

POWERFUL CLASS-D AMPLIFIER

The BASIK SUB is powered by a highly linear Class-D amplifier delivering 170 W RMS and 220 W peak, ensuring dynamic yet tightly controlled performance for both music and movie soundtracks. Its efficient switch-mode power supply keeps heat generation extremely low, enabling silent, reliable operation without the need for external heat sinks.

With just 0.4 W standby consumption and high amplifier efficiency, it combines power with responsibility.

A built-in dual-stage limiter maintains signal integrity under demanding conditions, while adjustable gain, crossover and phase controls ensure seamless integration with any speaker setup.



AUTO POWER MODE WITH SIGNAL DETECTION

The smart Auto Power Mode uses signal detection to wake the subwoofer automatically and return it to standby after around 20 minutes of inactivity. With ON, AUTO and OFF modes, it offers convenient, energy-efficient operation, ensuring the subwoofer is active only when your system needs it.

PHASE AND VOLUME CONTROL

The BASIK SUB's phase and volume controls make system integration simple and precise. Phase adjustment (0–180°) aligns the timing of bass waves with your main speakers to prevent cancellation and ensure fuller, more coherent low-frequency output. The volume control then balances bass level to match your room and speaker setup, creating a seamless transition across the crossover region for natural, well-integrated performance in any system.

WIDE AND ADJUSTABLE CROSSOVER CONTROL

The wide 40 – 120 Hz crossover range allows precise control of how the subwoofer blends with your main speakers. By adjusting the low-pass frequency to match speaker size and room acoustics, it ensures seamless integration in both stereo and home-cinema setups, from compact models to larger full-range systems.

DUAL INPUT FLEXIBILITY

Experience versatile connectivity with both LINE L/R inputs for stereo systems and a dedicated mono LFE input for home-cinema setups or streaming amplifiers with a dedicated subwoofer output. Whether integrating with traditional stereo amplifiers, AV receivers or even dual-sub configurations, the BASIK SUB can be configured accordingly.



DALI BASIK SUB C-8 D



EASY PLACEMENT FOR ROOM-FILLING SOUND

The BASIK SUB is designed for easy and versatile placement in any room. Its solid MDF cabinet sits on four decoupled feet that elevate it by 25 mm. This decouples the enclosure from the floor, reduces turbulence and enhances the efficiency of the down-firing design for optimum room integration. The compact footprint offers far greater freedom in positioning than larger subwoofers, making it simple to achieve optimal bass distribution whether placed in a corner or along a wall.

DALI BASIK SUB

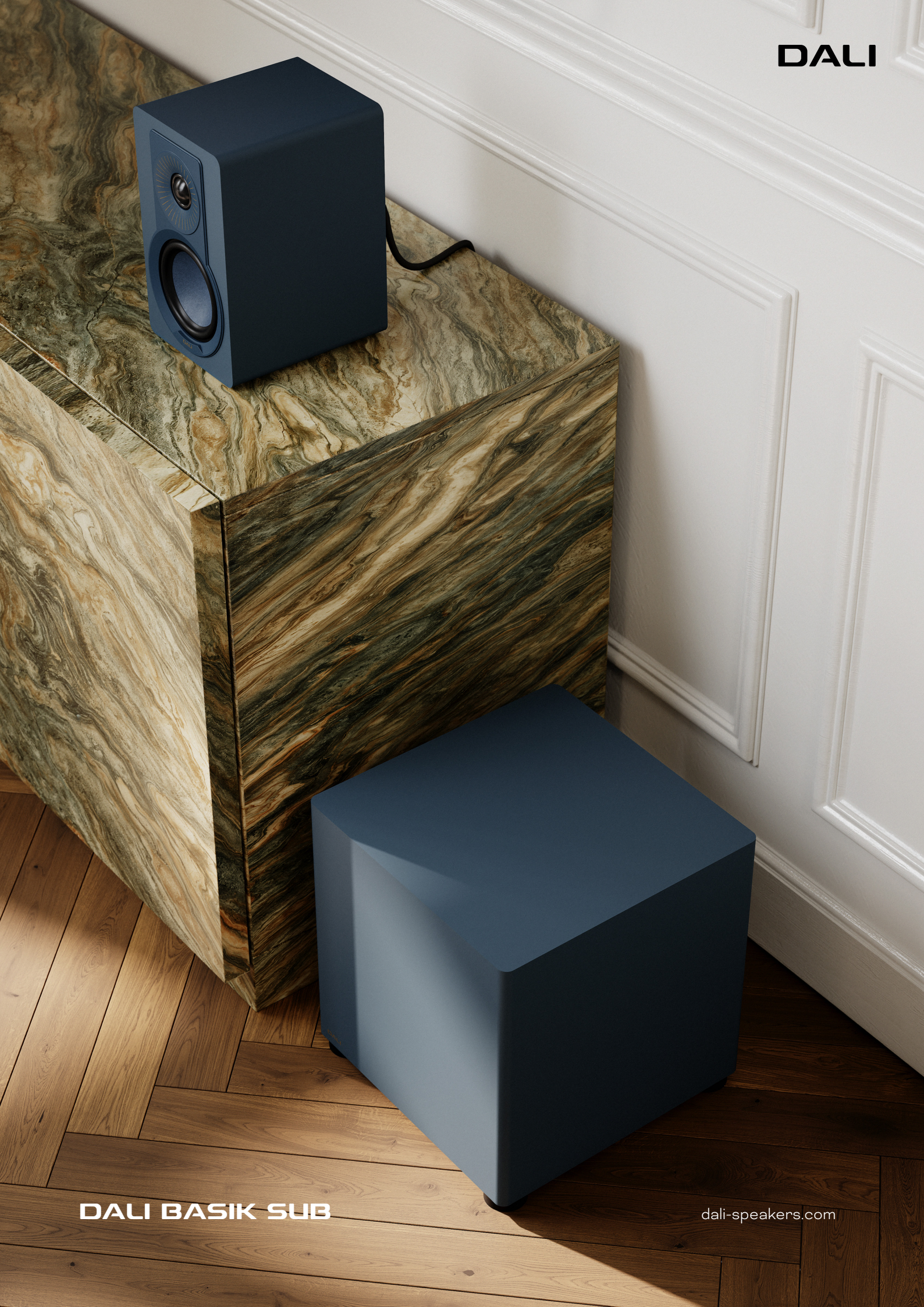
TECHNICAL SPECIFICATIONS



DALI BASIK SUB	
Frequency range (in-room)	33 - 120 Hz ±3 dB (Line input) 33 - 200 Hz ±3 dB (LFE input)
Input impedance	25 kohm
Maximum SPL	108 dB @ 1m
Crossover LP frequencies	40 - 120 Hz
Low frequency driver	1 x 8-inch long stroke, down-firing
Low frequency diaphragm	Paper
Enclosure type	Bass reflex
Bass Tuning Frequency	43 Hz
Connection Input(s)	2 x RCA unbalanced (Stereo) 1 x RCA unbalanced (LFE mono)
Recommended placement	Floor
Continuous amplifier output power	170W RMS
Max. amplifier output power	220 W Peak
Max. power consumption	250 W
Standby consumption	≤ 0.5 W
Functions	Power mode (On/Auto/Off) Phase (Polarity) Crossover frequency Volume On/Off switch
Dimensions (H x W x D)	319 x 295 x 310 mm 12.56 x 11.61 x 12.20 inches
Shipping dimensions (H x W x D)	415 x 380 x 380 mm 16.34 x 14.96 x 14.96 inches
Weight	9.75 kg 21.49 lb
Shipping weight	11.10 kg 24.47 lb
Finishes	Solid black Solid white Caramel white Chilly blue Golden yellow
Accessories included	1 x Mains power cable

All technical specifications are subject to change without notice.

DALI



DALI BASIK SUB

dali-speakers.com