

The Masterpiece of Live Sound

Deconstructing the Lals Classical
8M Horn Speaker.

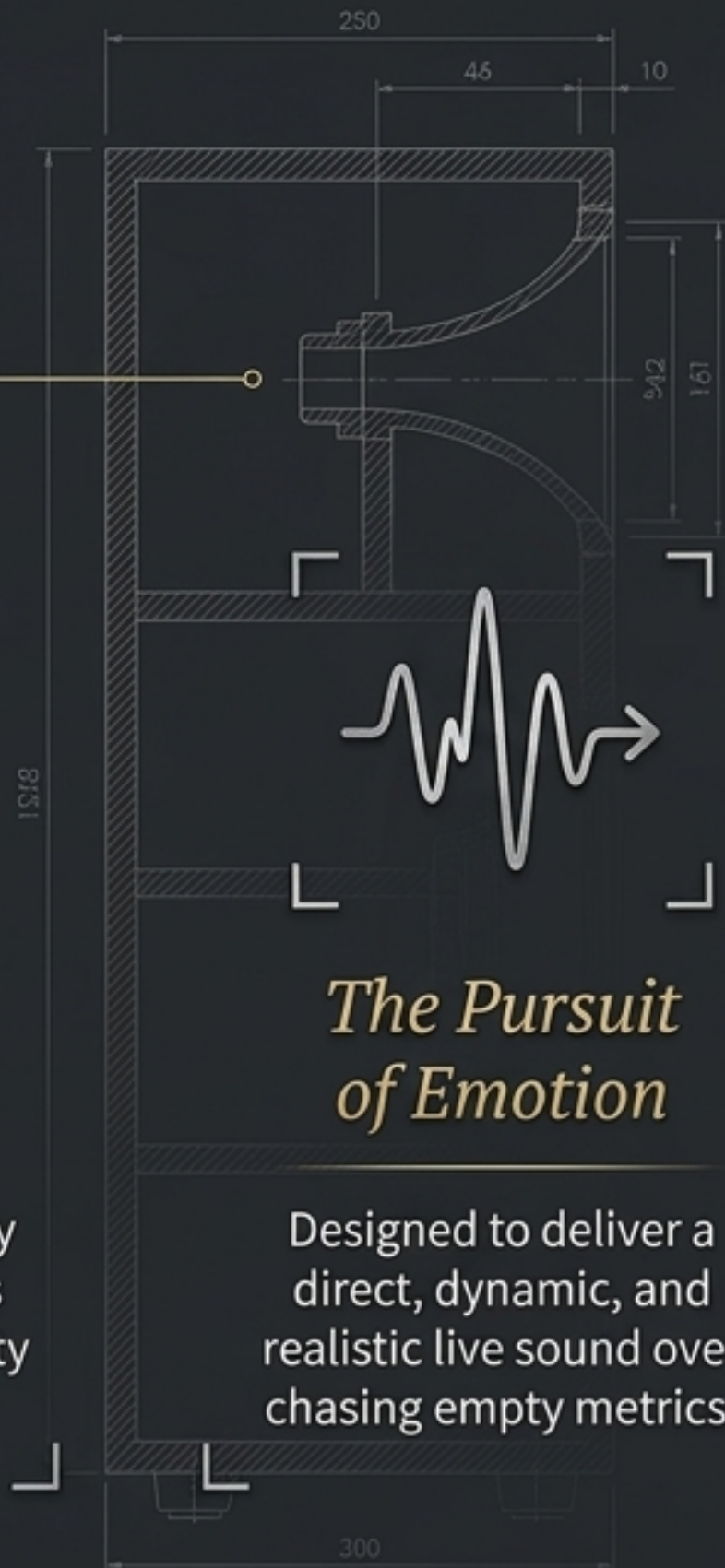
An honest, heirloom-quality
instrument for experiencing music
exactly as it was intended.





Authentic Horn Architecture

Rejecting hybrid or purely aesthetic modern trends in favor of true high-fidelity classical engineering.



The Pursuit of Emotion

Designed to deliver a direct, dynamic, and realistic live sound over chasing empty metrics.



Artisanal Execution

Meticulously assembled and finished by hand in Taiwan using noble materials.



The Foundation of Acoustic Honesty: Russian Birch vs. Conventional MDF

Dimension	Russian Birch Plywood (Lals Classical 8M)	Conventional MDF (Standard Monitors)
Structural Rigidity	Highly firm and structurally solid	Susceptible to flex under pressure
Resonance Control	Superior dampening of internal vibrations	Prone to absorbing acoustic energy
Acoustic Profile	Natural, lively, and dynamic	Artificially deadened



The Unseen Engine: 44mm Titanium Compression Driver

Fidelity to the Classics

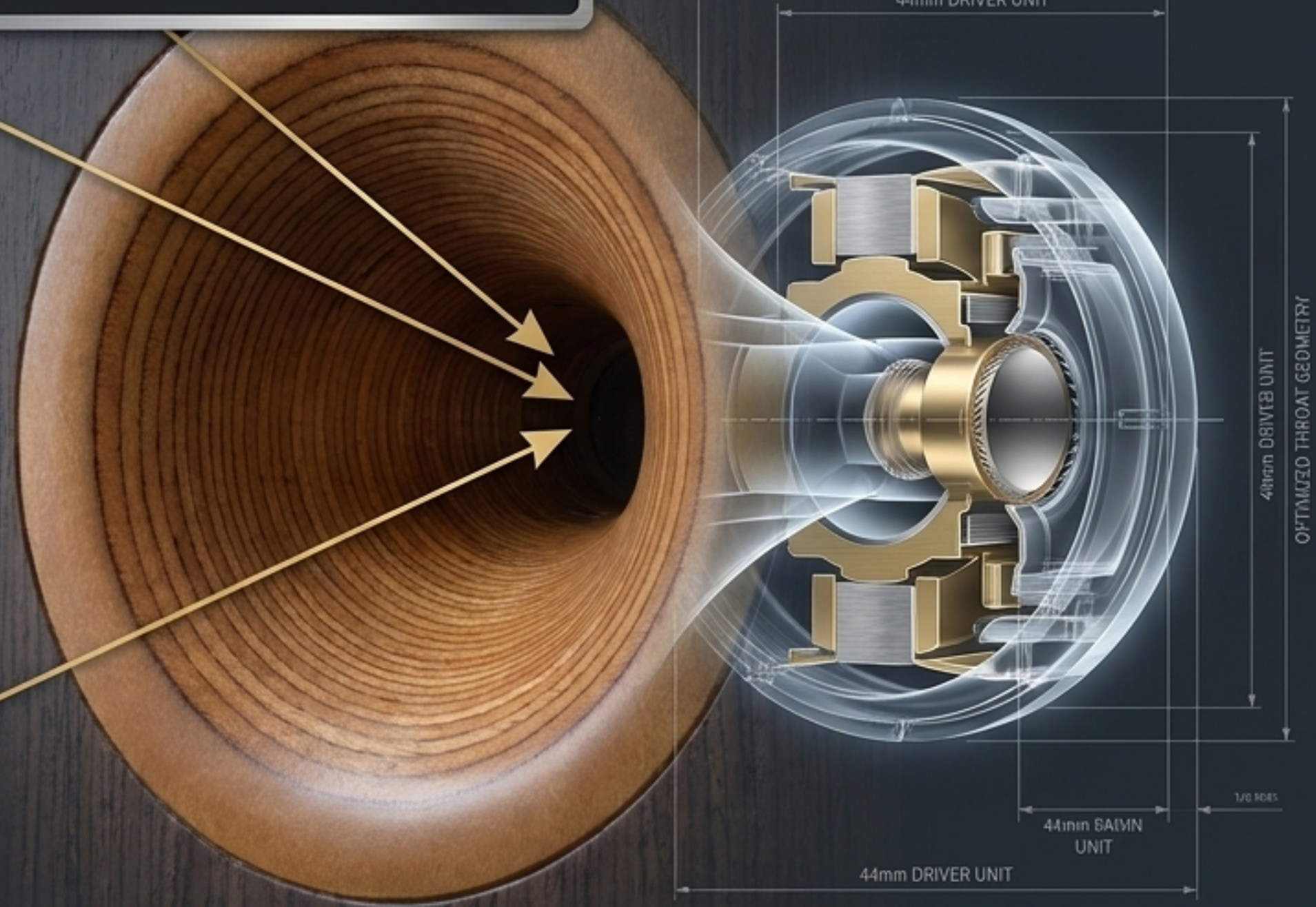
A true high-fidelity compression architecture, providing the raw motor force to drive the acoustic horn.

Distance Projection

Maintains sonic energy and spatial clarity even at long listening distances.

Direct Dynamics

Engineered for immediate, realistic music reproduction without artificial coloration.





The Acoustic Projector

01

Component

Computer-Calculated Solid Wood Horn.

02

Function

Acts as an acoustic lens for the titanium driver.

03

Outcome

Recovers the essence of live sound by controlling dispersion, ensuring the soundstage remains incredibly wide and open regardless of room placement.

LALS

Low-Frequency Foundation



Material (Carbon Fiber)

Ultra-lightweight composition enables exceptional speed and transient response.

Structure (Woven Rigidity)

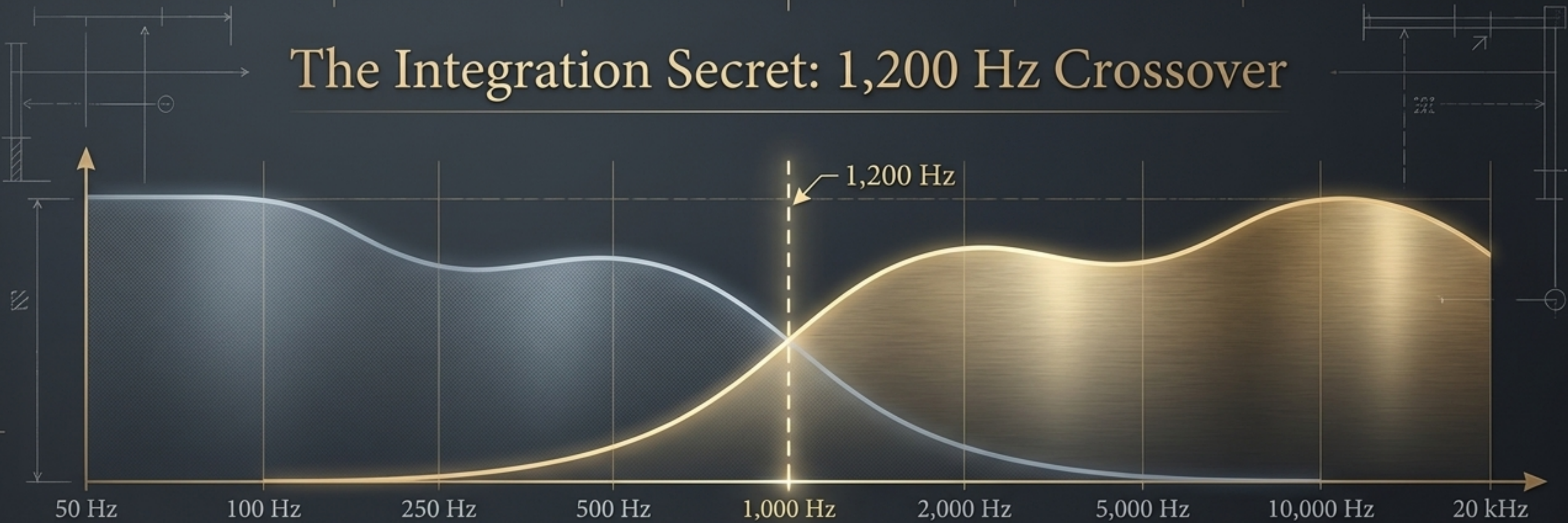
High stiffness ensures absolute control and prevents distortion at high volumes.

Scale (8-Inch Diameter)

Provides a physical, solid low-midrange foundation rarely achieved in a monitor format.

LALS

The Integration Secret: 1,200 Hz Crossover



①

The Engineering Choice

An unusually low crossover point specifically tuned for this cabinet size.

②

The Acoustic Synergy

By handing off frequencies to the titanium horn earlier than standard monitors, the speaker achieves a seamless transition between low-mids and highs.

③

The Result

Total sonic coherence and an expansive musical scale that defies the speaker's physical footprint.

Absolute Acoustic Control



Scenario 1: Room Adaptation

In rooms with hard, reflective surfaces, dial down the high frequencies to prevent excessive bounce and fatigue.

Scenario 2: System Synergy

Fine-tune the precise treble output to perfectly match the tonal characteristics of your amplifier.

Scenario 3: Personal Preference

Complete flexibility to shape the final presentation to the listener's exact taste.



The 92 dB Advantage: Effortless Amplification

High efficiency of 92 dB at 8 Ω means the 8M requires very little power to sing.



Low-Wattage Tube Amps

Deploys immediate, organic, and fluid musicality. Ideal for intimate, highly textured listening.

Up to 300W Solid State

Gains absolute authority, grip, and dynamic control while maintaining an open, expressive character.

Floorstander Scale, Monitor Footprint



17 kg per unit

Constructed of dense, resonance-free mass.



Takeaway

Engineered to deliver the physical presence, scale, and energy of a full-sized floorstanding tower without dominating the living space.



Handcrafted Timelessness

Finished by hand with high-quality natural veneers.
A design built to last for decades in both acoustics and aesthetics.



Walnut / Rosewood Veneers



Black Ash Finish

The Artisan's Blueprint Realized

TECHNICAL DIGEST		
FREQUENCY RESPONSE 50 Hz – 20 kHz	SENSITIVITY 92 dB / W (1 m)	IMPEDANCE 8 Ω
MAX RECOMMENDED POWER up to 300 W	CROSSOVER 1,200 Hz	WEIGHT 17 kg (per unit)

Investment: €3,200 (VAT included)

Lals Audio doesn't chase trends or empty numbers. The Classical 8M is an honest proposition for those who understand high fidelity as an emotional experience, not a technical specification.

LALS
Brass Plate