

LALS

LALS Audio: The Revival of the Authentic Horn Loudspeaker

Precision engineering, noble materials, and the preservation of a discipline almost lost to time.



Sound Objects, Not Speakers

We do not just build audio systems.
We craft sensory experiences.

Each piece blends noble materials,
poetic design, and artisanal precision to
awaken emotion and elevate silence.

This is accessible luxury shaped by
resonance and beauty.

A Craft Almost Lost

The Founder

Mr. Huang Rixing

Decades of master-level horn engineering experience.

The Inception

Founded in 2008

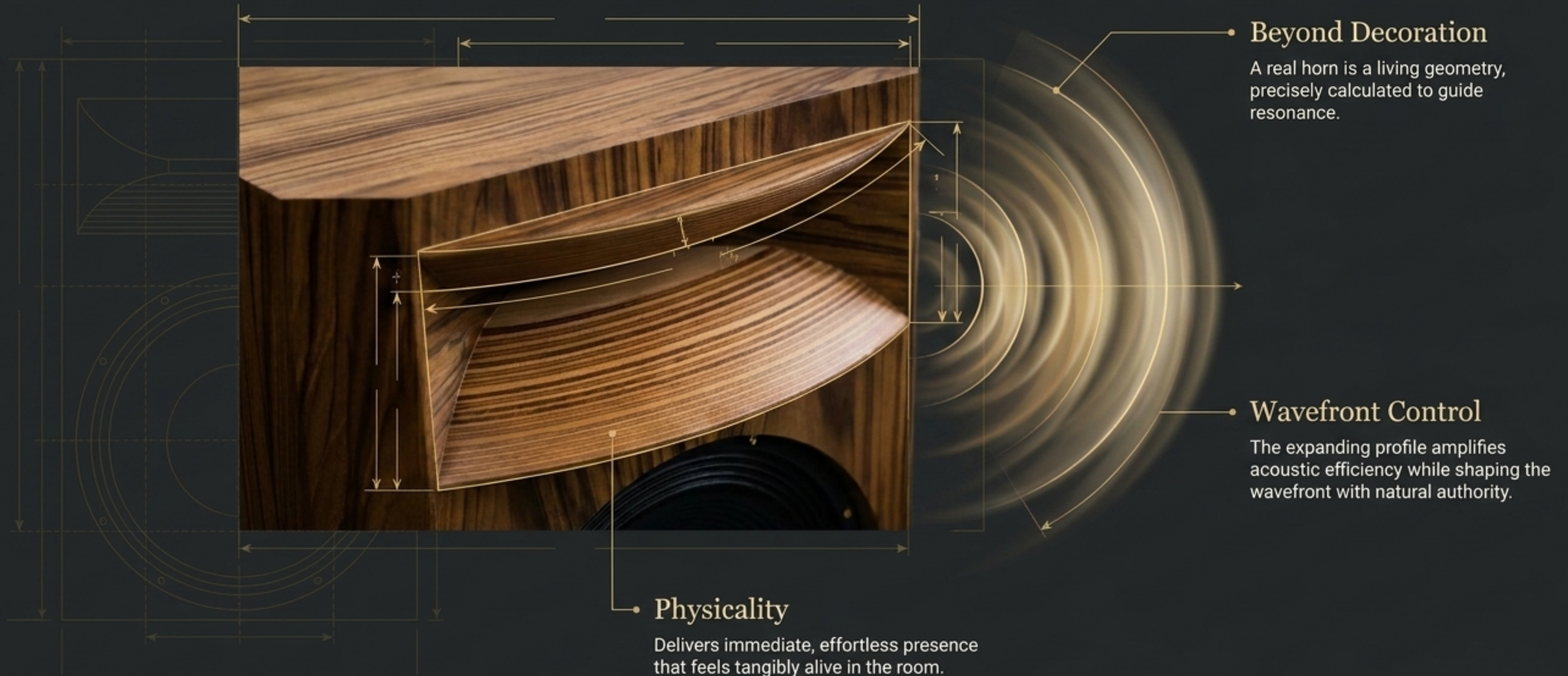
A 100% Taiwanese audio brand.

There was an era when creating sound meant embracing slow processes, difficult materials, and a level of precision too demanding for modern shortcuts. What others abandoned for convenience, we preserve for truth.

Convenience vs. Truth

| The Mass Market Way | The LALS Way |
|---------------------------------|-----------------------------------------------------------------|
| Hidden dome tweeters | Authentic 50mm Titanium Compression Drivers |
| Resonant MDF | Acoustically superior Russian Birch Plywood |
| Outsourced parts assembly | 100% In-House engineering |
| Off-the-shelf commercial labels | Custom-wound capacitors and inductors tuned for exact Q factors |

Acoustic Architecture: The Living Geometry



The Heart: Titanium Compression

Format

Massive 50mm authentic titanium compression driver.

Range

Covers an extraordinary 800 Hz to 25 kHz.

The Sonic Impact

Achieves high tonal density and extensive, crystal-clean highs without ever sounding aggressive. Zero listener fatigue.



The Synergy: High Efficiency & Vacuum Tubes

Sound designed to flow, not to be pushed.

95-96 dB
Sensitivity

Effortless acoustic
conversion.



Low Power



High Dynamics

The Perfect
Pairing

Fully unlocks massive
dynamics and sonic scale
using very low-power
vacuum tube amplifiers
(e.g., a 300B outputting
just 7W-8W).

Introducing the Flagship: Classical 12 SE-II

The ultimate balance of extreme efficiency, realistic scale, and timeless aesthetic. Comparable in concept and presence to historical reference systems from TAD or JBL, but executed with honest, handcrafted precision.



Anatomy of a Masterpiece



Transient Speed & Bass Control



Material

Paper and fiberglass composite cone with a treated fabric surround.

Mechanics

Engineered for short travel and extremely high linearity.

Acoustic Result

Ultra-fast transients and strict control. Completely eliminates the slow or bloated bass associated with conventional large-format designs.

Fine-Tuning the Room

The High-Frequency Level Controller

Allows for precise, mechanical adjustment of the tonal balance to perfectly match the room acoustics, the specific electronics in the audio chain, and the personal preference of the listener.



The Sonic Signature



A product advertisement for the LALS Classical 12 SE speaker. It features the LALS logo at the top, followed by the tagline "SONIDO CLÁSICO. EMOCIÓN ETERNA." and the product name "Classical 12 SE" in large, elegant letters. Below the name, it says "ALTA VOZ DE ALTA FIDELIDAD EDICIÓN ESPECIAL". There is a call-to-action button that says "PINCHA AQUÍ PARA VER EL ARCHIVO PDF" with a hand icon, and a PDF document icon labeled "DOSSIER PRODUCTO" with the LALS logo. At the bottom, there are four icons with corresponding text: a speaker icon for "SONIDO NATURAL Y ENVOLVENTE", a waveform icon for "INGENIERÍA CLÁSICA DE PRECISIÓN", a diamond icon for "ACABADO ARTESANAL EXCLUSIVO", and a shield icon for "EDICIÓN ESPECIAL PARA CONOCEDORES".

Natural & Fluid

Warm, open, and undeniably organic. Music is never artificially forced.

Immediate Presence

A direct, physical sound that places the performers directly in the room.

Uncompromised Scale

Concert-level authority and massive soundstage, achieved without the need for high-wattage brute force.

Connect & Experience

Classical 12 SE-II

An honest proposition for those who understand high fidelity as a lifelong experience, not a spec sheet.

Wherever you are, if sound matters to you — we're already connected.