Eliot Houis

Guided by simplicity and intention, I aim to design conscious products built on timeless forms, honest materials and lasting value. Often enriched by digital technologies, my objects strive to be clear and functional.

Eliot Houis

Based in the Netherlands
French designer
Born in 1998

Trained in engineering and cabinetmaking, I later completed a master's degree in digital industrial design. My passion for acoustics led me to work with La Boite Concept on several audio projects.

WorkFlow

Strategic
Figma

Ideation
Rhinoceros

Mechanic
Fusion 360
SolidWorks
GrassHopper

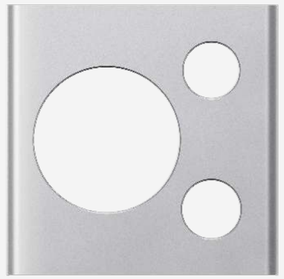
Visualisation
Blender
KeyShot
Adobe
AI tools

Selected works

Speculum



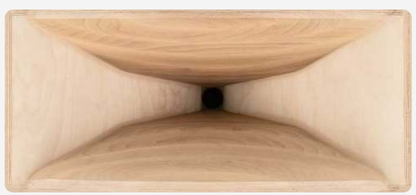
SOLO



Streamer



CutKiller



Square



Speculum

ENT examinations still rely on cumbersome head-mounted lights. This handheld speculum brings the light source into the instrument itself, freeing the doctor's movements, sharpening visibility, and making every diagnosis more precise.

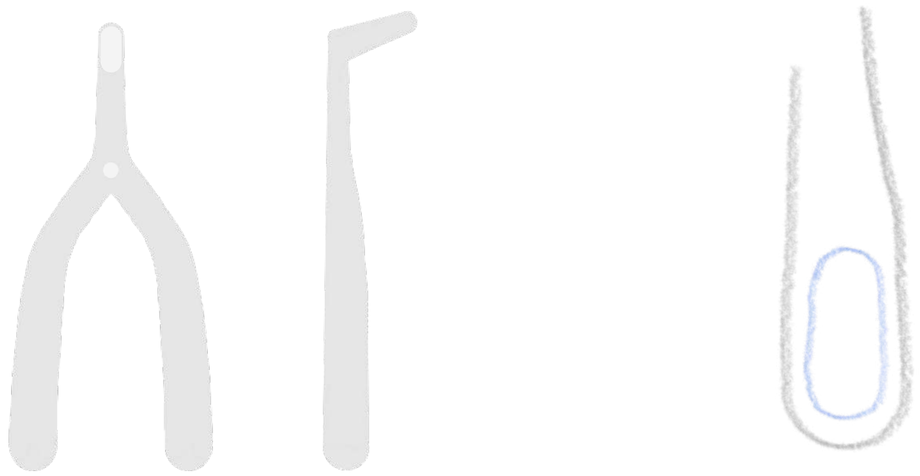
Industrial designer

2026
1 month

Speculum



Concept design
Design development
CAD
Prototype
Visualisation
CMF
Presentation



The design process centred on how the product is held and on the readability of its single button, making it easy to understand and to operate without looking.

Developed for casting, the form required careful surfacing work to seamlessly integrate both the lighting module and the hinge, while keeping the geometry clean and manufacturable.



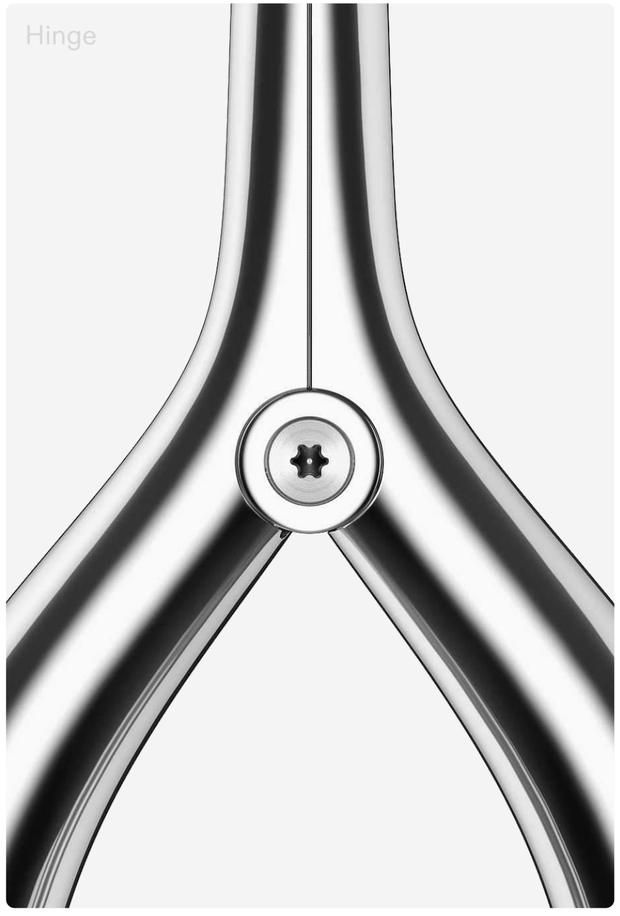


Speculum



Designed around hygiene, the instrument fully disassembles for deep cleaning. Its body is made of two monobloc aluminium parts, with no cavities or tight angles, so no surface escapes sterilisation.

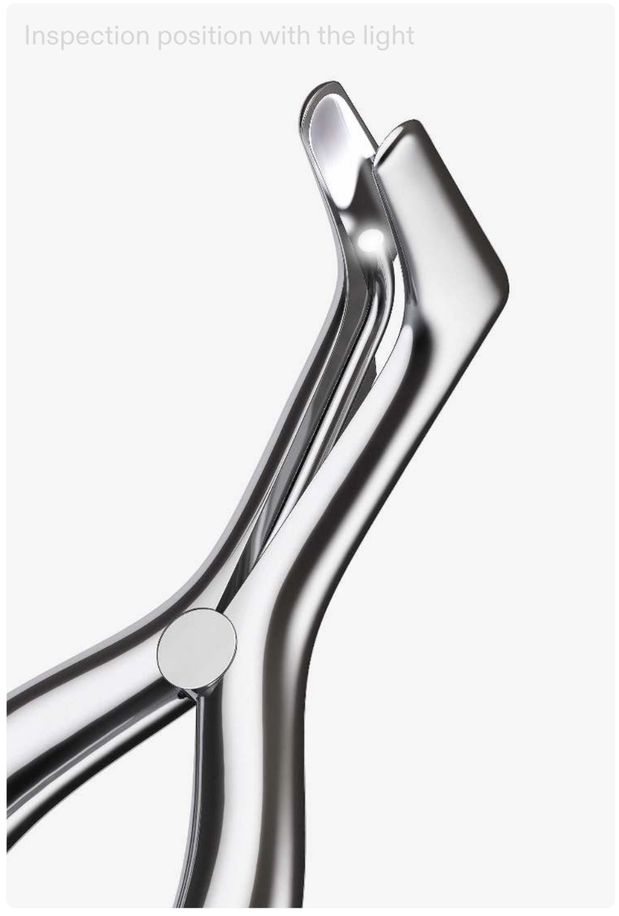
Hinge



Head opening with light pipe



Inspection position with the light



Light Interface



Speculum



SOLO

The SOLO speaker explores the graphic possibilities of a single aluminium extrusion, already tooled for the amplifier. Cut with circular openings and lateral fixing.

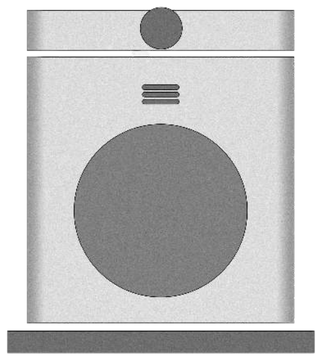
Industrial designer
Project designer
Prototype maker

2025
1 year

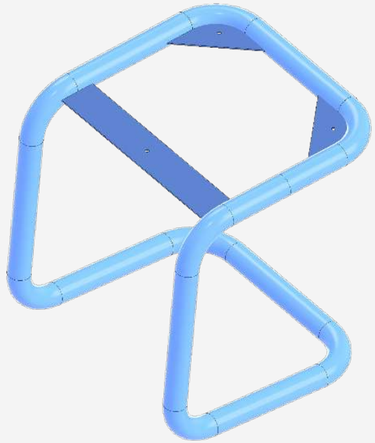


Research and Strategy
Concept design
Design development
CAD
Sound prototype
Visual prototype
Visualisation
CMF
Presentation

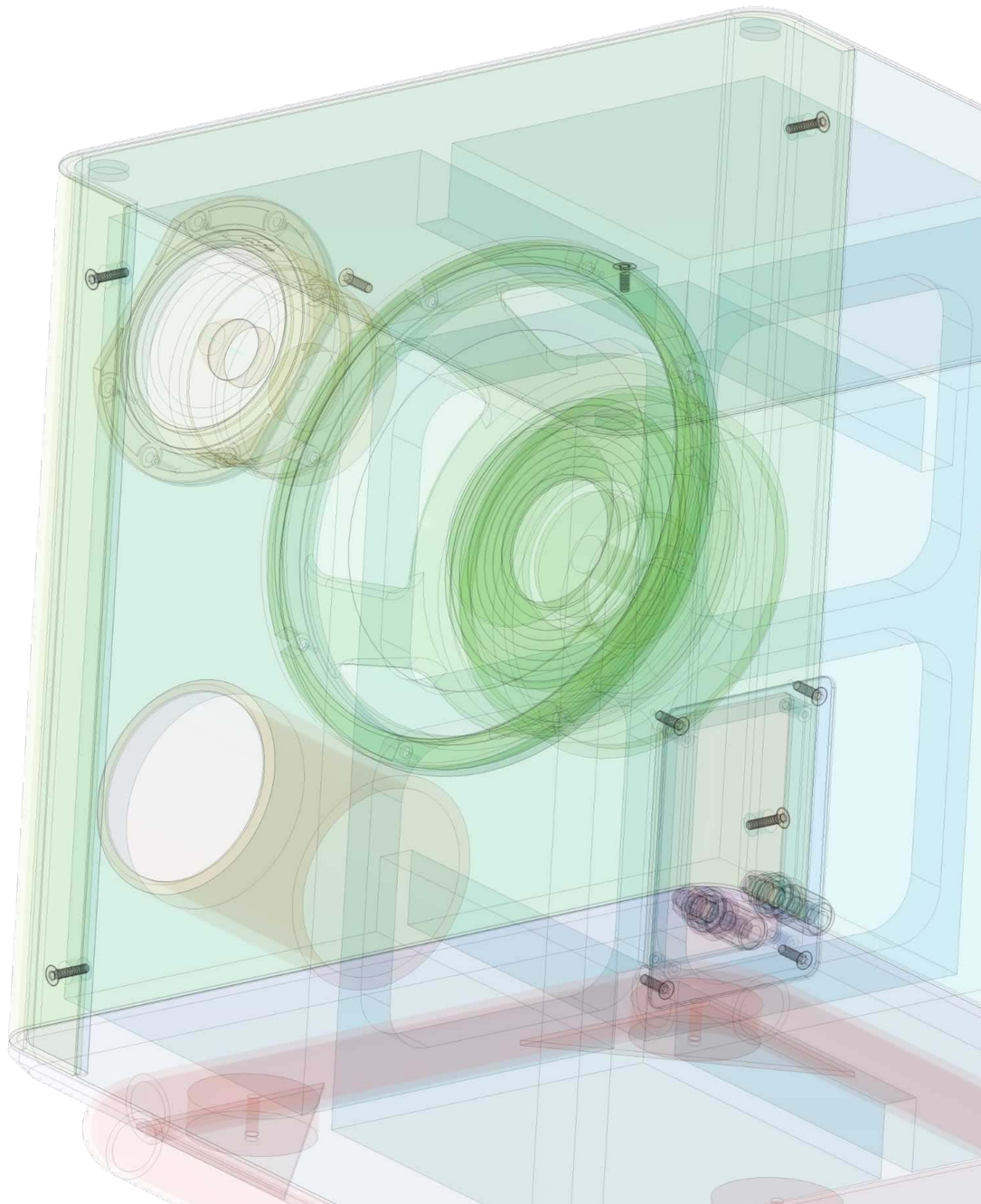




The project began as a graphic study: taking the aluminium front extrusion as a starting point, we explored how openings cut into its profile could define the object's identity.



Inside, the shell is braced and assembled from within, leaving every painted face clean.
The tubular stainless steel legs are machined in a single operation, and the extruded front panel conceals the speaker's assembly screws.



From cardboard volume studies to sound tuning, the project was fully prototyped in-house. Mixed reality was used to validate the leg mounting before any costly sampling.







Cube volume



Panel fixation



Tube leg



Front panel



SOLO

The speaker pair is offered in two versions,
on tall legs or sitting low.
Forming an all-in-one composition designed to fit
the space constraints of city apartments.

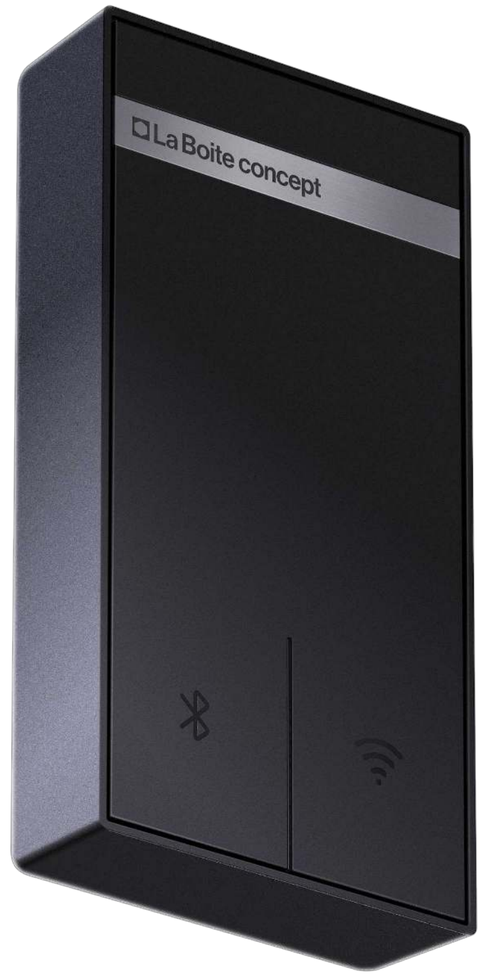


Streamer

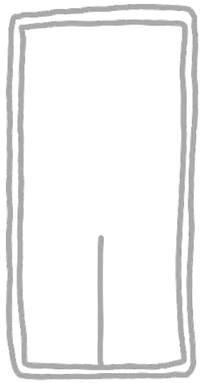
While digital technology evolves rapidly, physical objects shouldn't have an expiration date. The Streamer brings current network technology to analogue speakers built to outlast it.

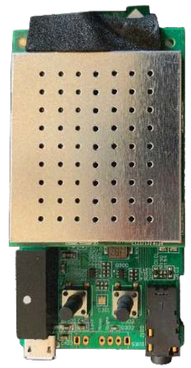
Industrial designer
Project designer
Prototype maker

2025
6 months



Research and Strategy
Concept design
Design development
Electronic development
CAD
Moke-up/Prototype
Visualisation
CMF
Presentation

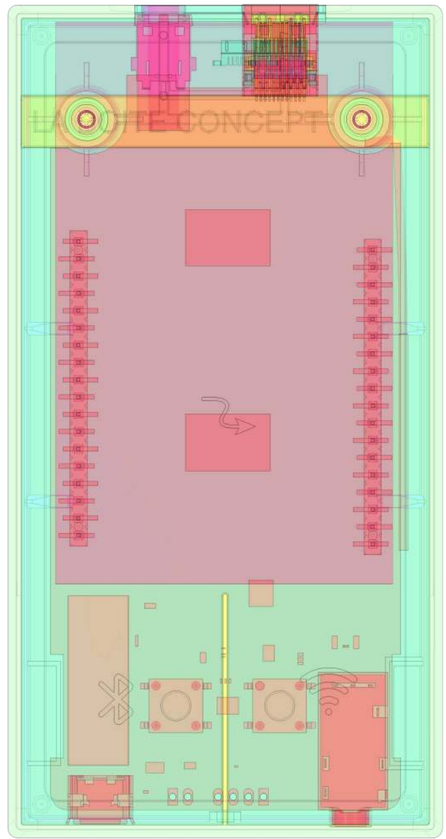


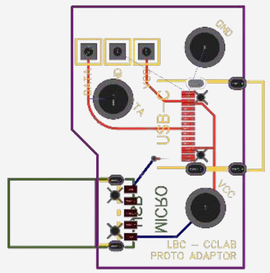


On the outside, everything comes down to two buttons on top, carrying every interaction and making the object instantly understandable.

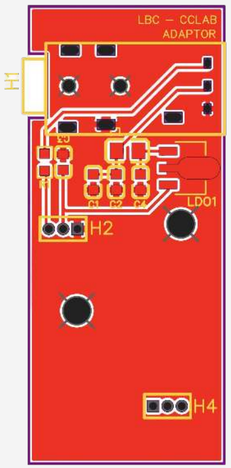
Facing high chipset MOQs, we co-developed the PCB and designed our own internal adapter, keeping the electronics within reach of a small production run.

Designed to be upgraded, the shell is not sealed.
The electronics can be replaced as network standards change when it’s necessary for the user.







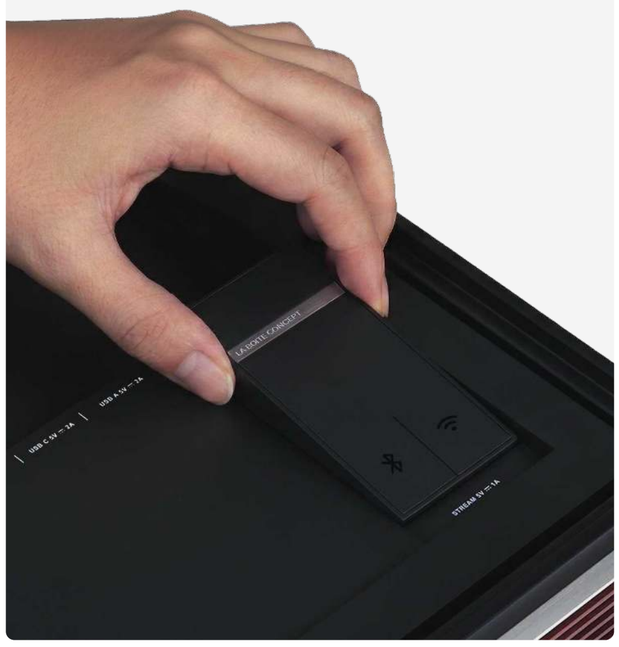




Reverse-engineering the audio input and power stages allowed us to prototype our own internal adapter. In parallel, successive 3D-printed casings let us refine the form hands-on.

Connectors

Prehension



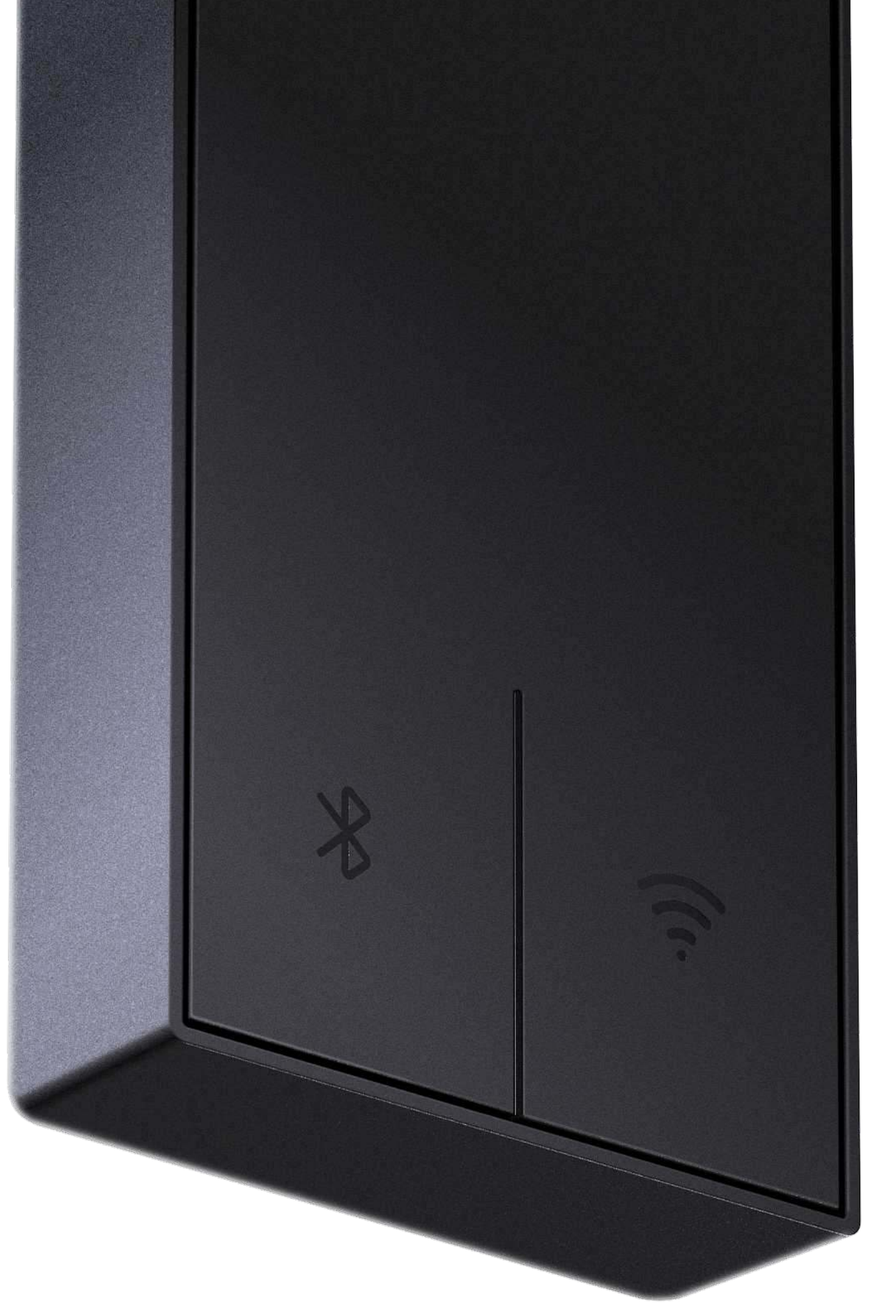
Reuse logo



Casing



Streamer



CutKiller

Drawn from a cult scene of La Haine film, the CutKiller reworks the lines of a two-way horn-loaded speaker.

Industrial designer
Project designer

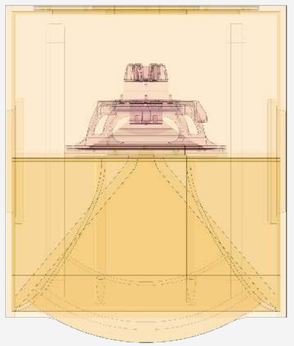
2025
6 months



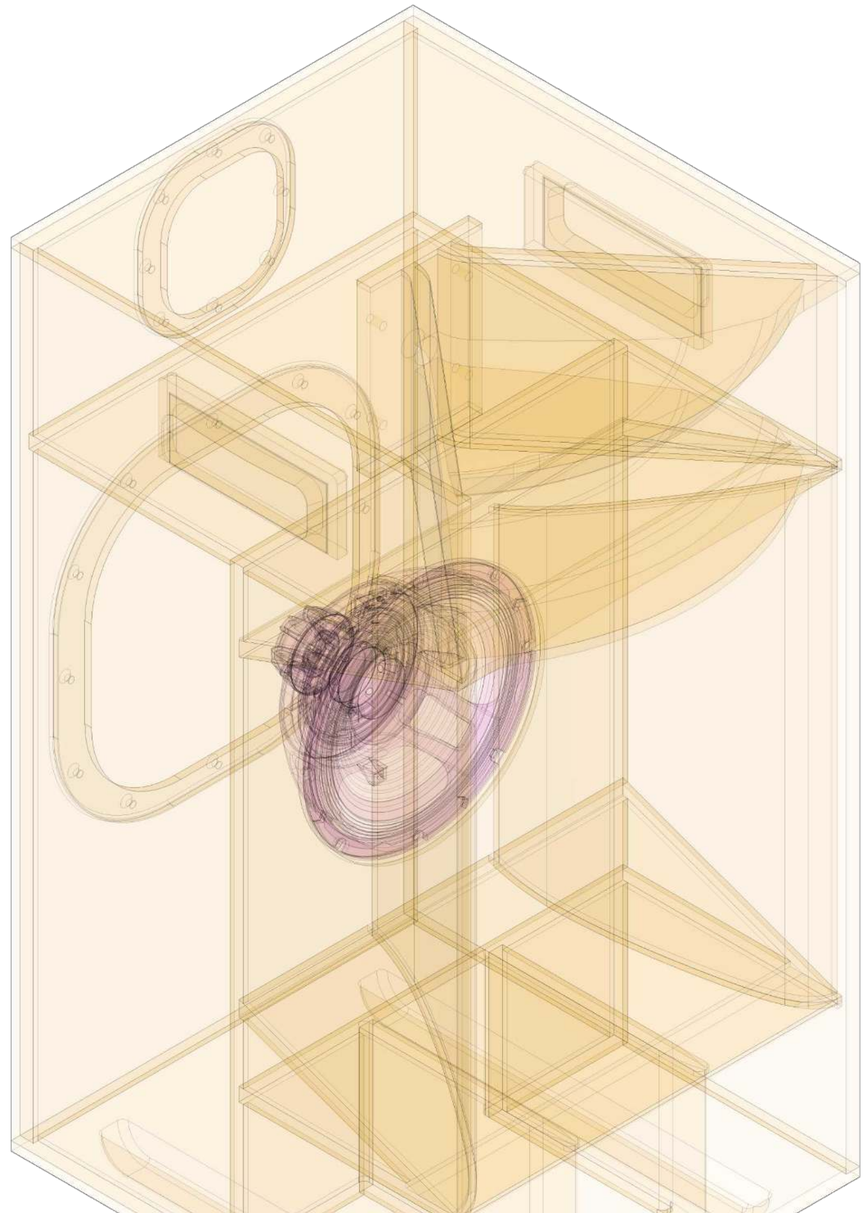
Research and Strategy
Concept design
Design development
CAD
Sound tuning
CMF
Presentation



From a reinterpretation of a legendary speaker, reshaped through our own technology and know-how.
A sculpted wooden horn delivers the highs, set above a large central horn loading the woofer.

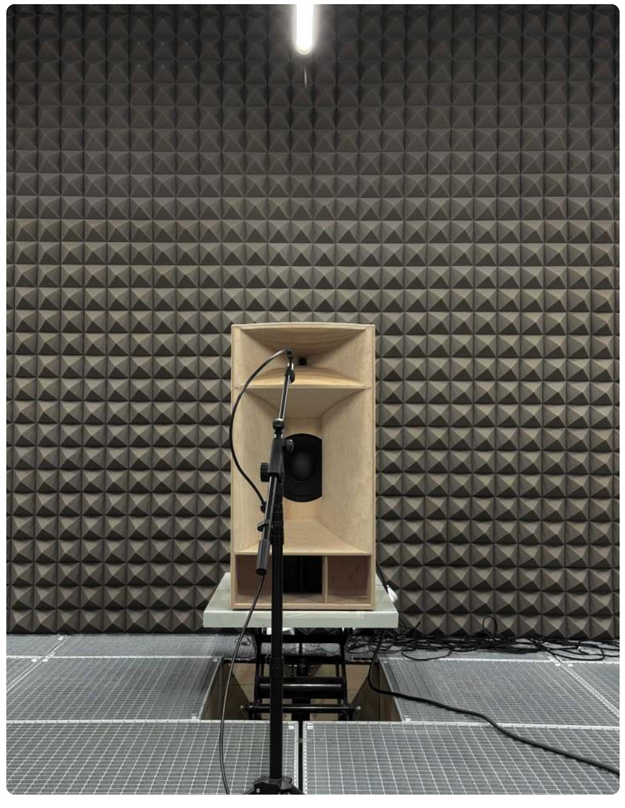


One panel, one CNC run. The whole speaker is nested into a single sheet. The central horn is kerf-bent into shape, while the top horn is carved from solid wood.

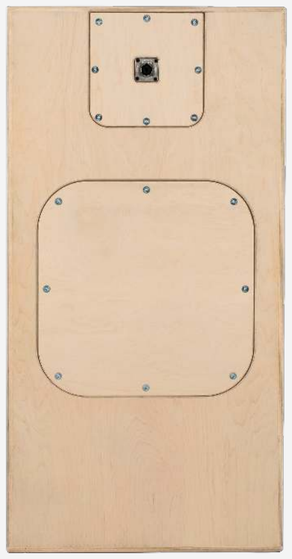


While the parts were prototyped externally,
the speaker was assembled in-house.
To meet the artist's expectations, the sound was tuned in an acoustic room, under his direct supervision.













Square

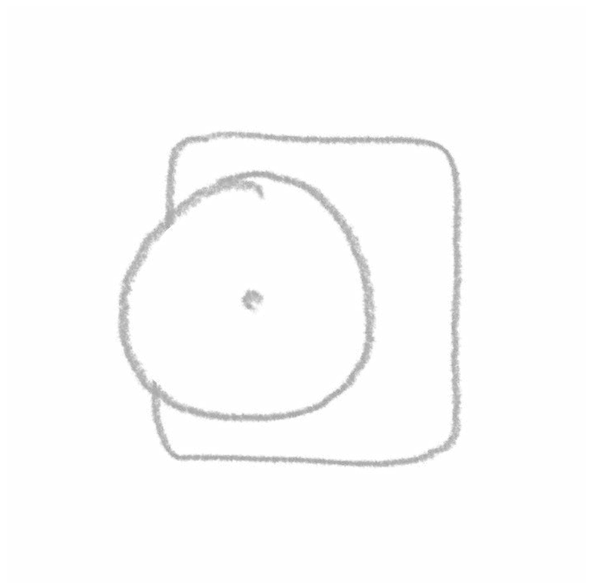
From the simple footprint of a vinyl cover and ending with a complex suspended turntable, the Square combines formal simplicity with La Boite Concept's high-end DNA.

Industrial designer
Project designer

2022
6 months

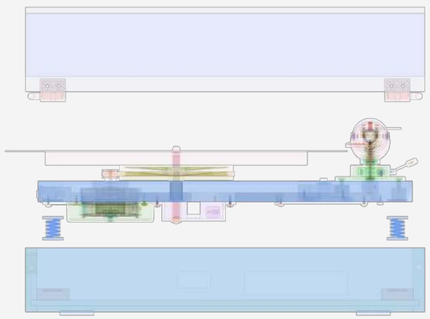


Research and Strategy
Concept design
Design development
CAD
Prototype
CMF
Presentation

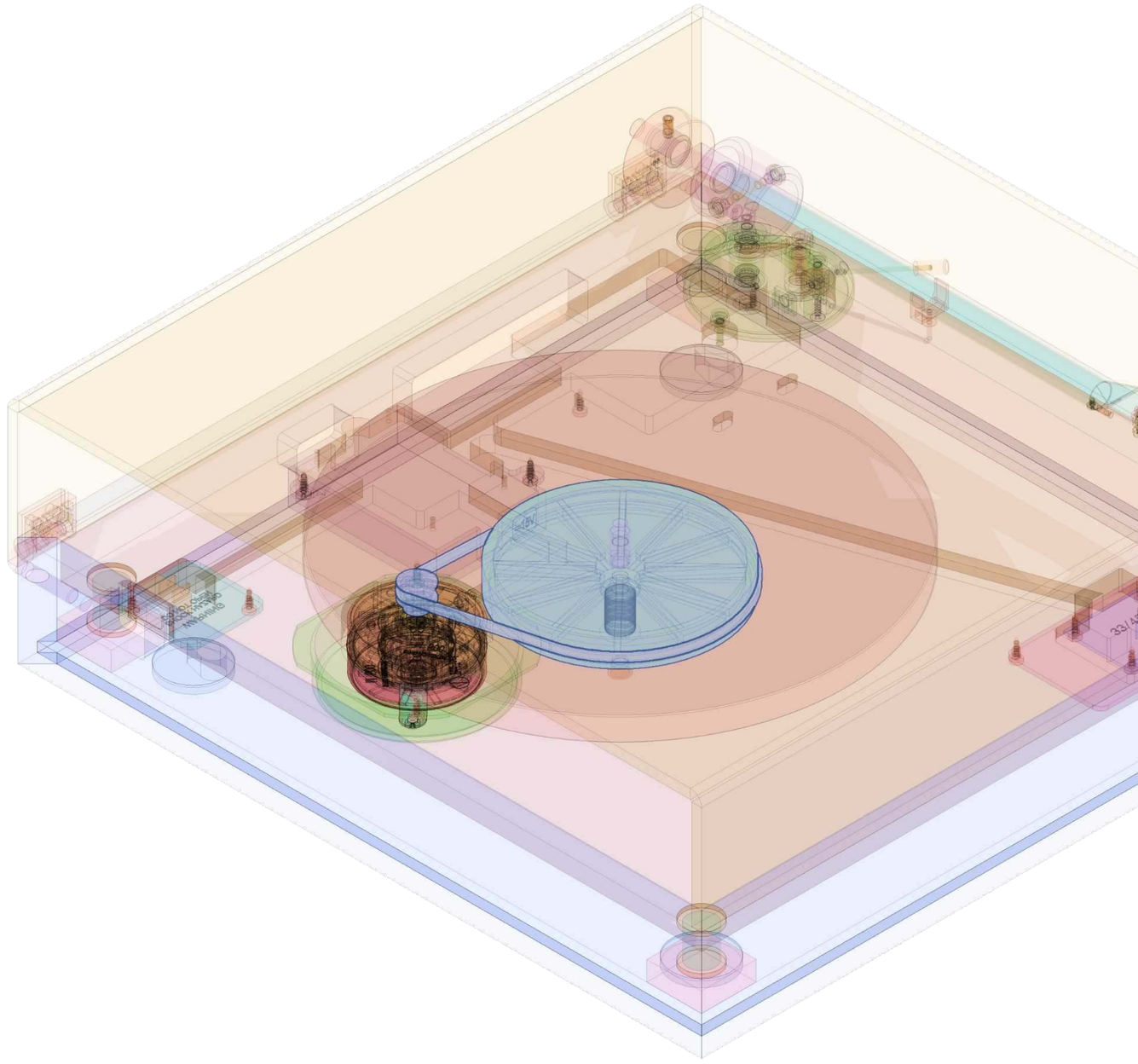


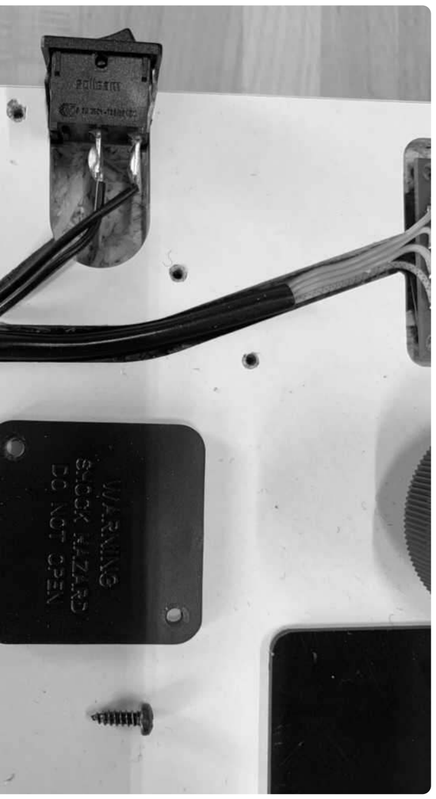


The record sleeve defines the footprint and the spindle shifts left to make place for the tonearm. Suspended like a canvas, the complements plate keeps every interaction inside its square.

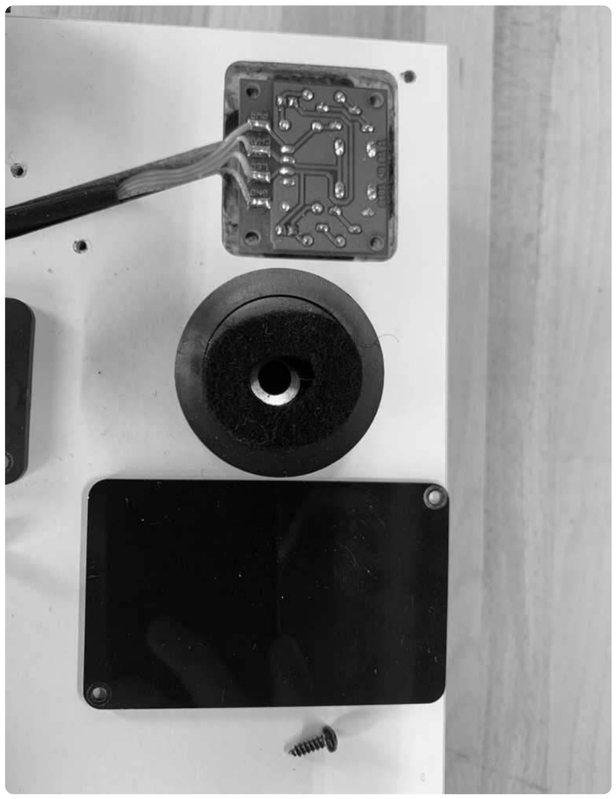


Tolerancing was at the heart of this project: every clearance had to be tuned to set the right drive belt tension and to house each component precisely.

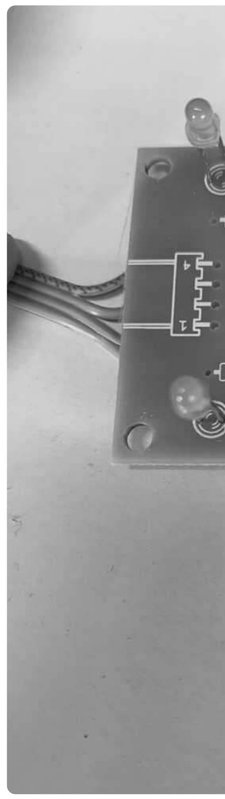












Built entirely in-house, the turntable
went through many rounds of testing to find the right balance:
an assembly that lasts, yet stays quick and simple to put together.

Black - Walnut



Brown - Oak



Coral - White



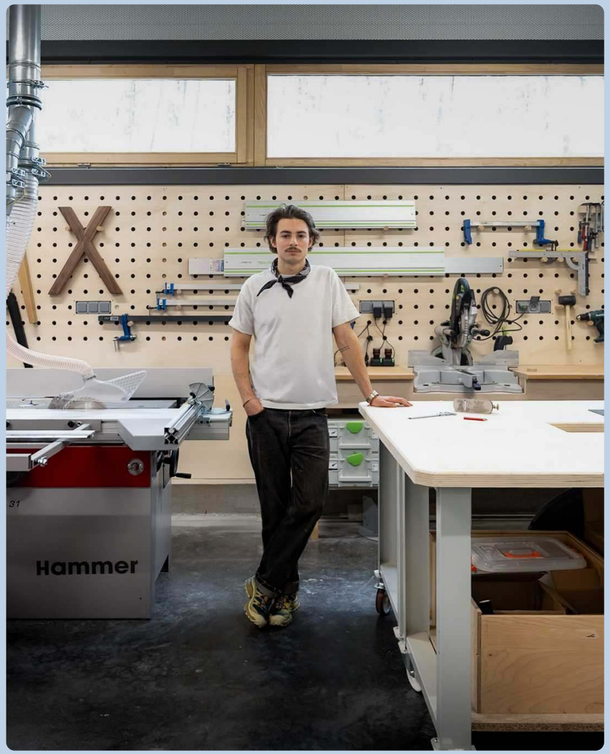
Soft Green - Walnut



Square



Thank you



If I sparked your interest, feel free to reach out!
More projects are also available on my website

hello@eliothouis.com
eliothouis.com

Groningen, Netherlands
Paris, France