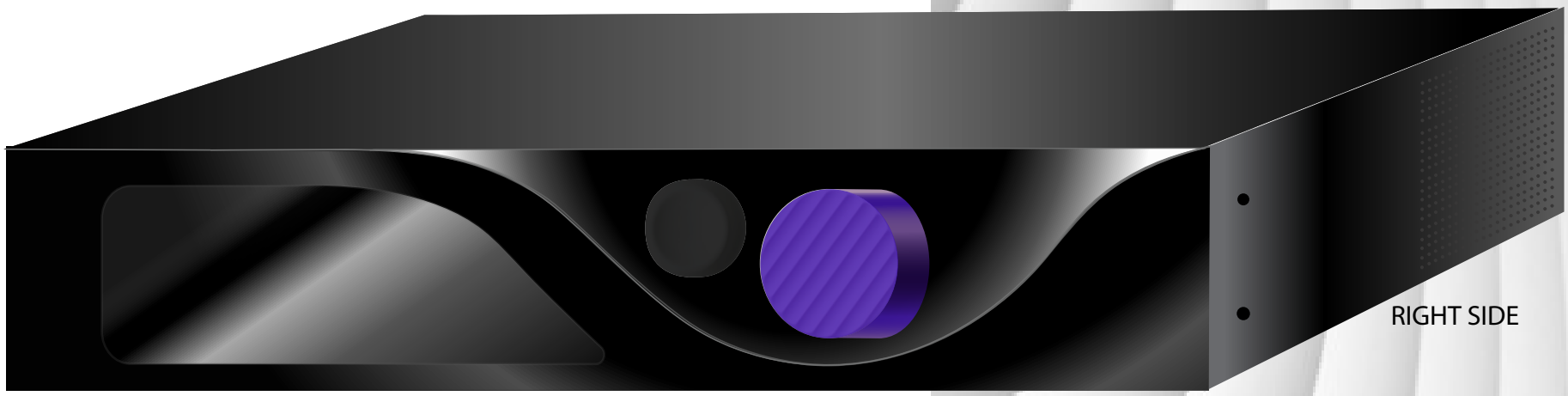
Main Themes
WAVE /TIDE
BUILDNG BOCKS

INDEX:

1. WAVE / TIDE DESIGN

The Wave/Tide design is the simplest to execute. In this design, the front panel would be affixed using 3M tape. The panel itself would be CNC-machined, with the wave serving as a structural element, gracefully cradling the two knobs. These main knobs boast a wavy texture reminiscent of waves/ tide, while the smaller selection buttons offer a soft, curved touch.

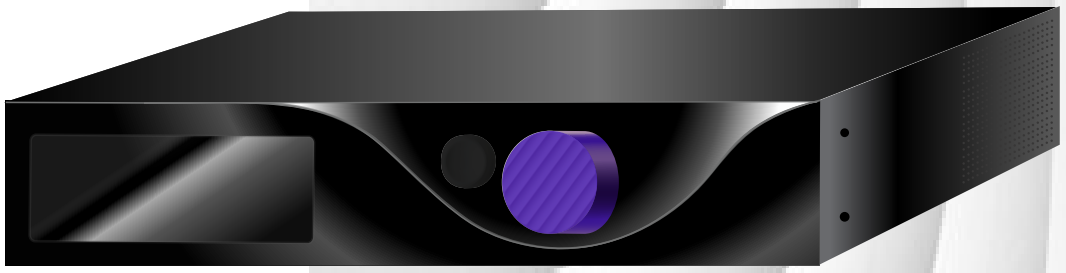
For materials, the outer casing could utilize metal panels, lending durability and a sleek aesthetic. The knobs, on the other hand, would be crafted from matte plastics, ensuring a comfortable grip and tactile feel.



RIGHT SIDE

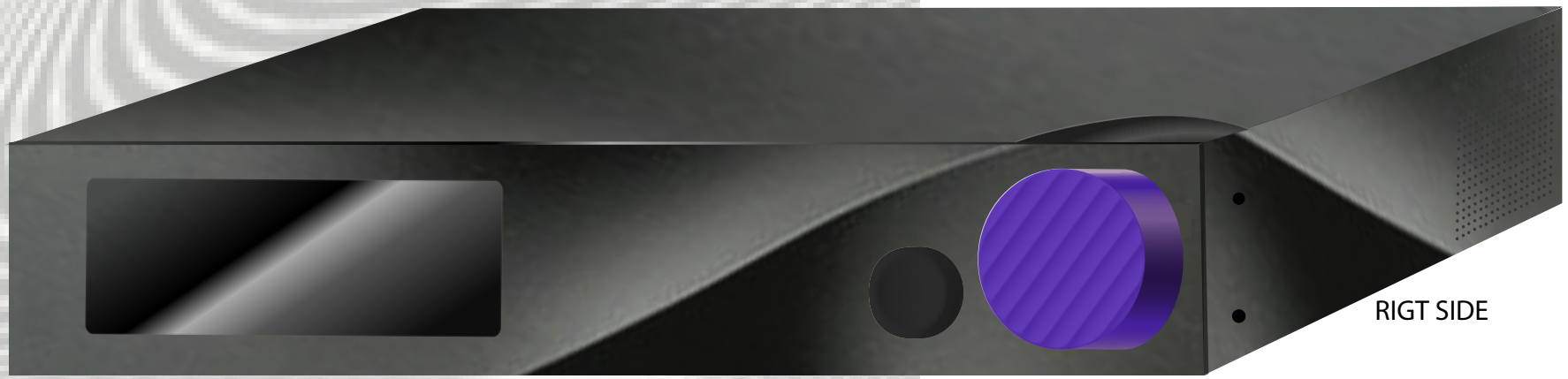
The screen follows the wave Line

LEFT SIDE



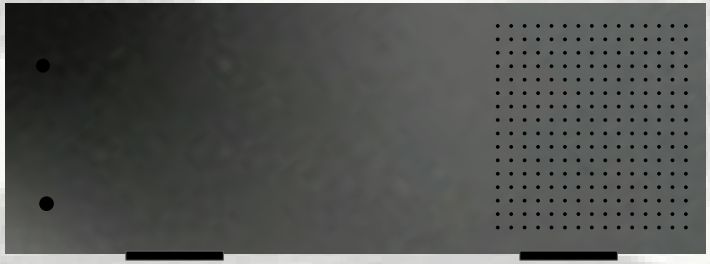
The screen adheres to a more rectangular shape

2. WAVE / TIDE DESIGN

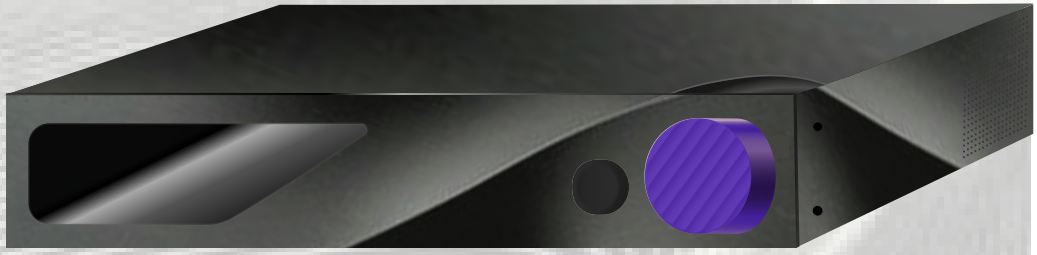


RIGT SIDE

The screen adheres to a more rectangular shape



LEFT SIDE

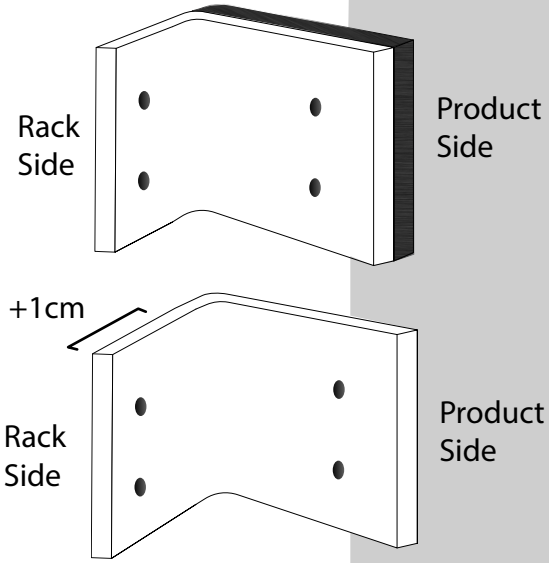


The screen follows the wave Line

The design of the wave/tide theme features waves spanning across the front, top, and right side panels of the product, protruding no more than 1 cm. These waves serve to separate the panel and two buttons. Embracing a rhythmic wave structure, the design aims to emulate their natural flexibility and interconnectedness, all while integrating elements of the miniDSP logo to uphold brand identity.

Material usage leans towards a molded plastic case, which is viable when employing a production method that links the fabrication of three plates, as detailed on page "Accessories & Solution". Alternatively, if this method proves impractical, CNC metal would be employed.

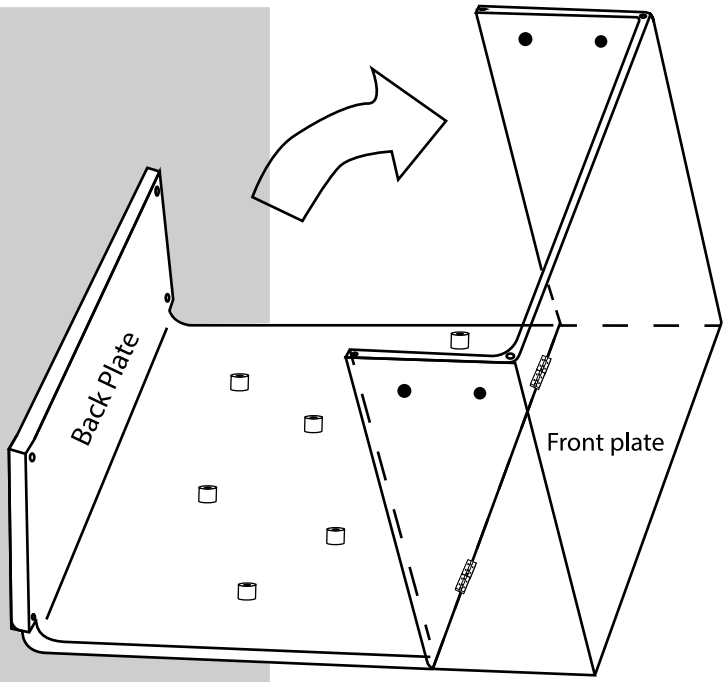
ACCESSORIES & SOLUTION



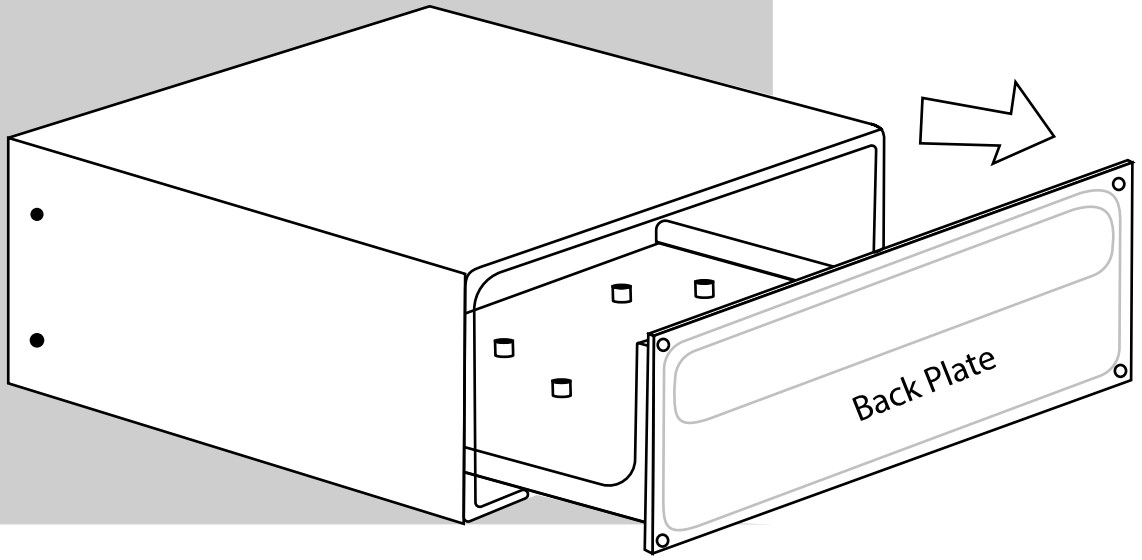
To maintain consistency in the parting line of the front and two side panels for the 2. Wave /Tide Design, (could include 3. Building Design, 4. and Building Block Design), there are two mechanical solutions for maintenance access to the PCB if needed by users:

1. Attaching hinges to open the product.
2. Implementing a drawer-style mechanism (holding in by screwsat the back pannel).

Additionally, it's important to consider that the electrical cord will be attached to the PCB, so the cord length would need to be appropriately extended to accommodate these mechanisms.



Due to the slight waveform of the side panel, which may cause an approximate 1cm+/- indentation on the front side of the box, the metal piece for the audio rack will be adjusted to be either 1cm thicker or 1cm longer.

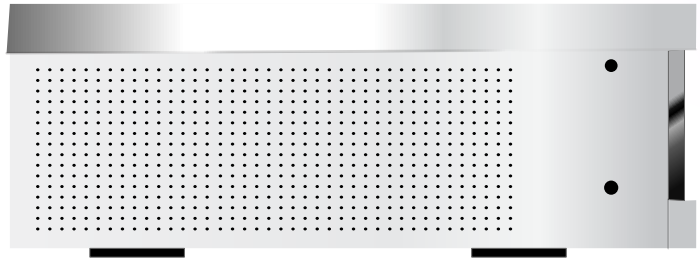


3. BUILDING DESIGN

This design concept evokes the appearance of a building, with parting lines delineating the three main elements. These lines are engraved indents, adding depth and definition to the structure. The panels themselves will be crafted from white plated metal, lending a sleek and modern aesthetic.

The knobs serve as doorways to access the product, and they will incorporate elements of the waves, seamlessly integrating them into their design. Additionally, the product will feature a floating illusion, achieved through elevation from the rubber knobs underneath, further enhancing its architectural appeal.

INDENT INDENT



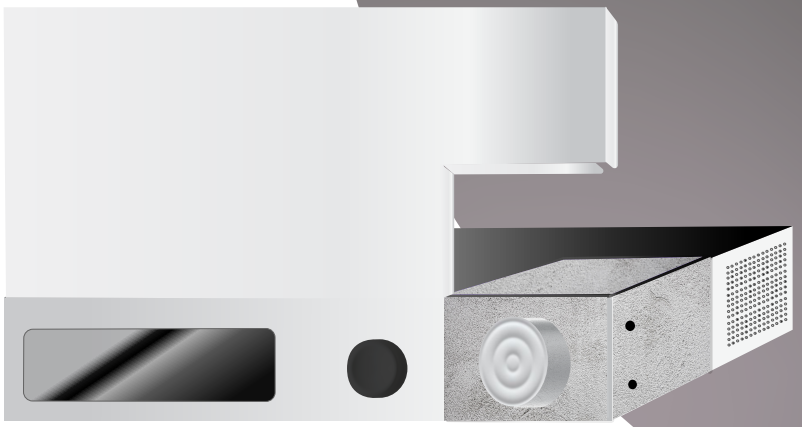
LEFT SIDE

BLACK COLOR

4. BUILDING BLOCK DESIGN

The concept of building blocks involves playing with materials, particularly focusing on the highlighted part of the main knob. While the panel itself could potentially change material, it remains static; however, the top panel could be designed to be removable, facilitating easy access for maintenance purposes when needed.

Recycle Plastic



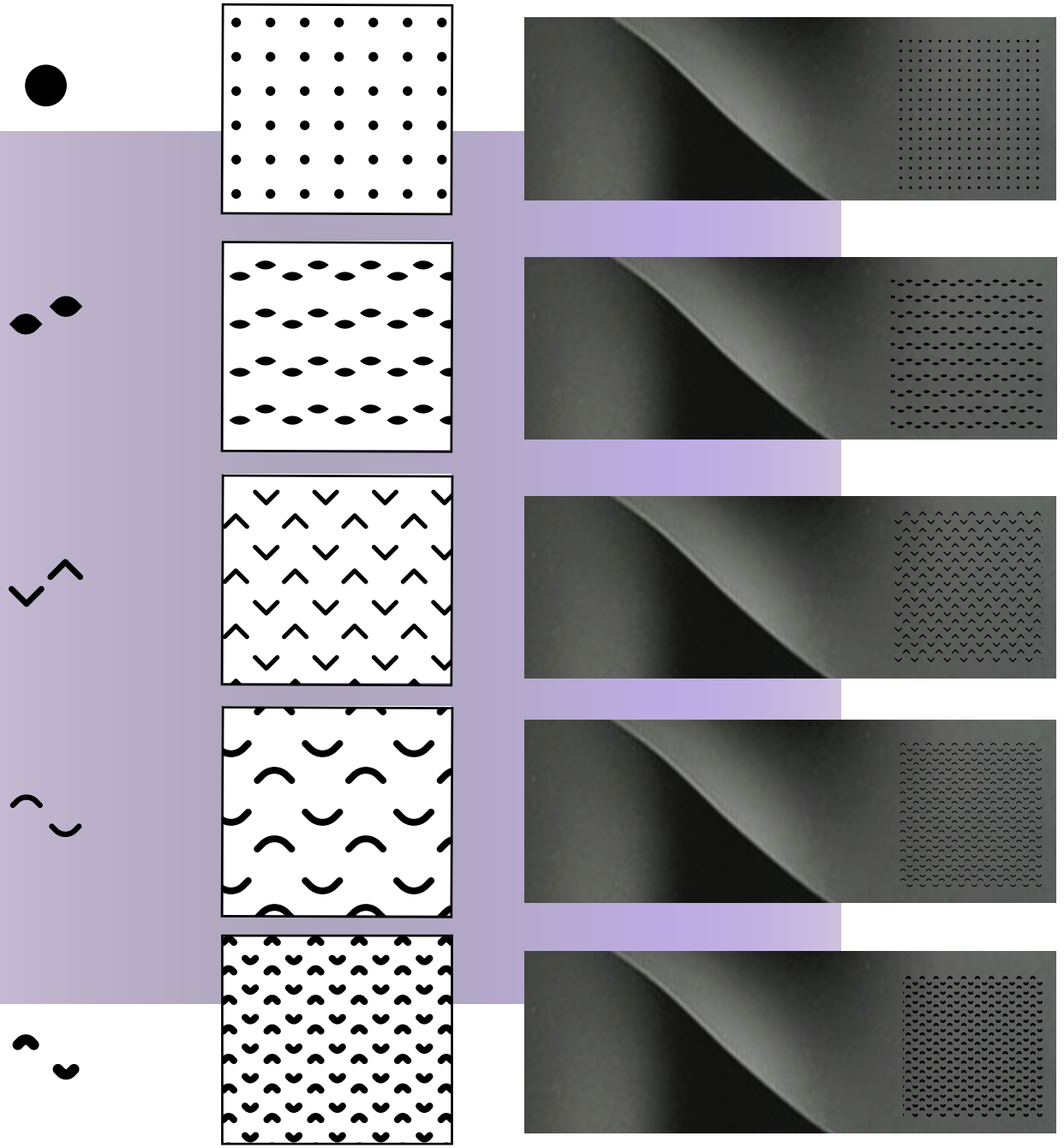
Open Box / Rought silver metail

Acrylic Purple Plannel

PATTERNS

Below are the ventilation patterns tailored for layer cutting on both sides of the product:

1. Dot- Featuring a straightforward dot pattern.
2. Squash Dot: Displays alternating dots arranged in a wave-like manner.
3. Angled Wave: Consists of waves arranged at an angle.
4. Curved Lines: Exhibits flowing, wave-like curves.
5. Bold Curved Lines: Similar to curved lines, but with more pronounced short strokes.



KNOBS & BOTTOM

Here are the knob designs: the textured knobs, depicted in purple, are recommended as the main knobs, evoking the appearance of waves. The white knobs feature a softer, more minimalistic design, suitable for secondary functions. Additionally, the bottom plastic rubber parts, which elevate the product to create a floating illusion, will also mirror the design of the main buttons.