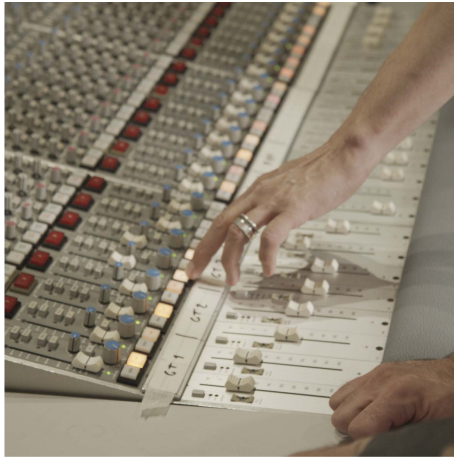


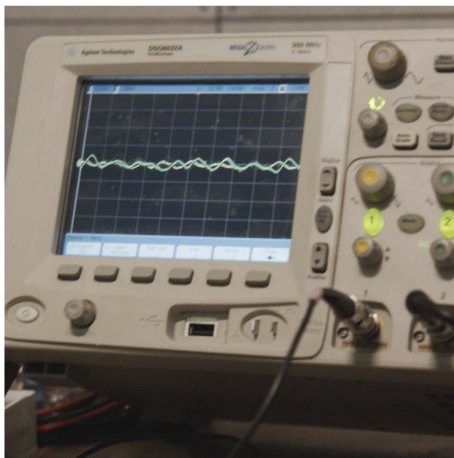
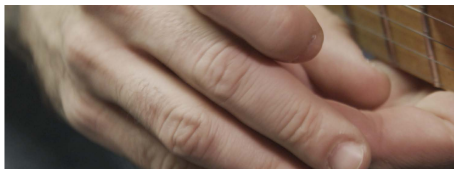
KERNOM



PRESS KIT



“WE INVENTED AUGMENTED ANALOG”



KERNOM INVENTED A NEW APPROACH TO ANALOG CIRCUITS CALLED **AUGMENTED ANALOG.**

AUGMENTED ANALOG ALLOWS TO CONTROL THE PHYSICAL BEHAVIOR OF A NONLINEAR CIRCUIT FOR AN INFINITE NUMBER OF WAYS TO CLIP AN ANALOG SIGNAL AND UNMATCHED HARMONIC CONTENT.

IT IS THE LINK THAT WAS MISSING BETWEEN THE GREAT SOUNDS OF LEGENDARY RECORDINGS AND THE NEEDS OF MODERN MUSICIANS.

This first technology developed by Kernom is called ANALOG MORPHING CORE. This patented innovation allows musicians to control in real time the behavior of an overdriven electronic circuit, mixing the natural warmth and great sound of analog clipping, with the precision and flexibility of digital control.

KERNOM IS A COMPANY BUILDING TECHNOLOGICALLY ADVANCED AND INNOVATIVE ELECTRONIC PRODUCTS FOR MUSICIANS.

The brand was founded in 2020 by a team of musicians and engineers with a deep passion for sound and an extensive background in high end audio, acquired through 30+ years of combined experience in sound engineering and working at Devialet on the development and launch of the iconic Phantom speaker.





ANTOINE PETROFF

PRODUCT

Electronics and acoustics engineer.

Serial entrepreneur (Swiss Audio Design, acquired by Devialet, Cosmos Acoustique).

Co-inventor of the acoustic technologies that led to the creation of the Devialet Phantom speaker.

Works on breakthrough audio inventions with IRCAM Amplify.

Sound engineer (20 years of experience).

Musician



JÉRÉMY SAVONET

R&D

Electronics and software engineer.

5 years of experience at Devialet working on the development of both the Phantom speaker and the Expert range of amplifiers (most awarded high-end audio amplifier in history).

1 year of experience at Hexadrone (Head of R&D).

10 years of experience working on robotics and embedded electronics projects. Participation in international competitions.

Musician



CHARLES RICHE

SALES & STRATEGY

5 years of experience working with Devialet's top management on marketing, finance and strategy.

Participated in 2016 to the organization of the company's most important round of funding (100M€).

Deep knowledge of the guitar pedals and amplifiers markets.

Musician



NICOLAS JOOS

DESIGN

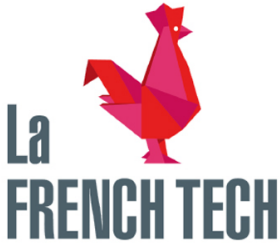
Artist, graphic designer, choreographer, product designer, steel worker.

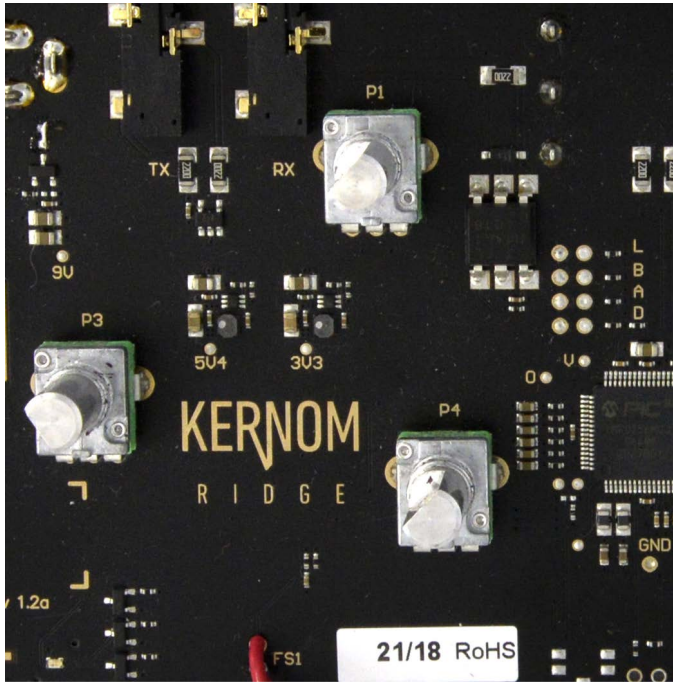
Serious knowledge of Art History, architecture and graphic language.

Two decades of experience working with musicians, dancers and architects on concerts, performances, live installations, books and objects.

Frequent collaboration since 2008 with electronics and acoustics engineers and companies (Stenheim, Arturia...).

ECOSYSTEM





MEET THE **RIDGE** OVERDRIVE PEDAL

THE FIRST AUGMENTED ANALOG PEDAL IN THE WORLD

THE FIRST AUGMENTED ANALOG PEDAL IN THE WORLD
THE RIDGE OVERDRIVE PEDAL

A NEW WAY TO IMAGINE AND CREATE YOUR DRIVE TONES

From the most classic tones to uncharted gain territories in an intuitive package. Continuous control over the sound personality of the Ridge pedal with the unique MOOD knob. Choose between ultimate transparency at any grit level or shape your sound any way you want. Powerful innovative EQ section that operates independently from the gain stages.

**POWERED BY KERNOM'S
ANALOG MORPHING CORE TECHNOLOGY**

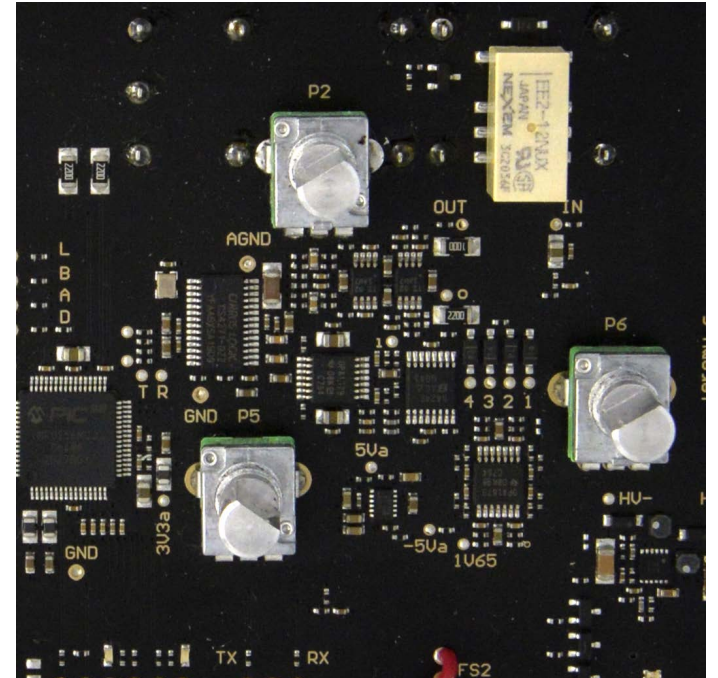


NEW SOUND HORIZONS

This new kind of electronic architecture opens new doors to musicians, allowing for a very precise control of all the nuances in an overdriven sound, to adapt to every use case and stimulate creativity and inspiration.

Symmetric, asymmetric, high headroom, compressed, transparent or characterful: the behavior of the circuit adapts to the needs of musicians and offers infinite possibilities.

Not a modeling approach. No switching between different sets of diodes. Not a second gain knob. A never ending journey through different analog tone flavors.





INSPIRATION AND IMAGINATION.
WITHOUT BOUNDARIES.

The Ridge was designed with expressivity and creativity in mind as main focus points, to help musicians write the next page in the history of music.

Kernom added an expression input, internal preset and full MIDI compatibility to the extraordinarily versatile electronic architecture of the Ridge.

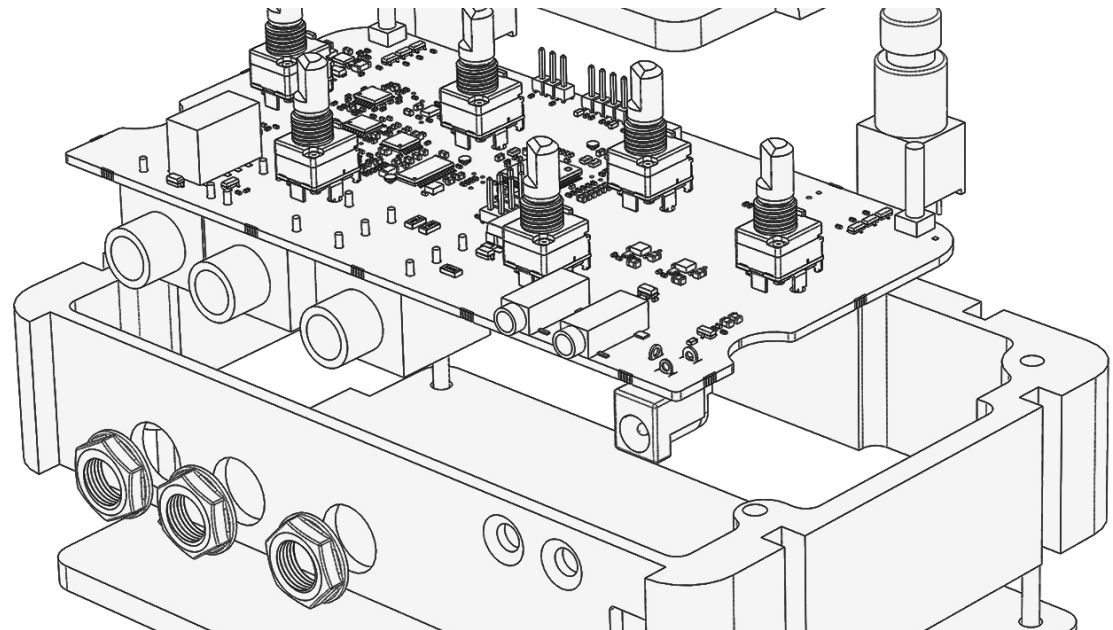
The result is an inspiration machine, capable of both summoning the most classic sounds and taking the musician to new unexplored sound territories.

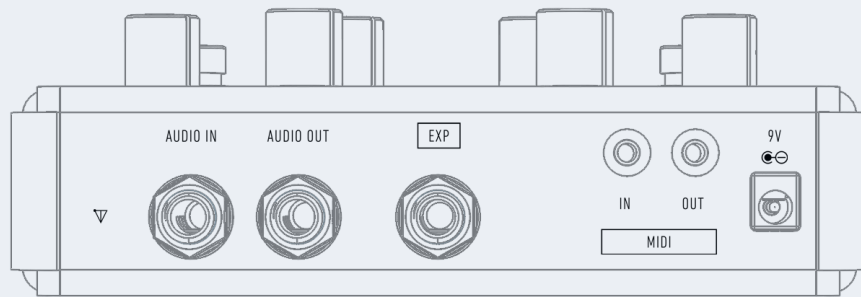
AN ICONIC PRODUCT.

BUILT TO PERFORM AT PEAK PERFORMANCE FOR DECADES TO COME.

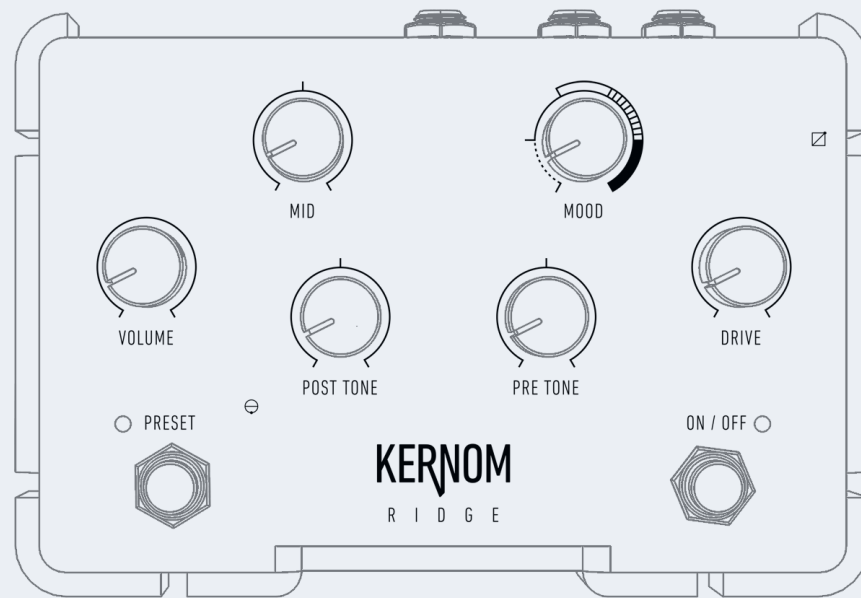
The iconic design of the Ridge pedal takes its roots in the architectural design language of modernism. The casing has a strong personality and timeless feel. It is built out of 5mm thick touring ready aluminum and is virtually indestructible, to last a lifetime of inspiration.

The electronic heart of the product is meticulously manufactured in a state of the art electronics factory, located in France. This factory also works with clients in the medical industry, a field where there is no room for error or approximation.





REAR VIEW



TOP VIEW

- ▽ **MOOD** continuous control to choose from an infinite number of different clipping flavors.
- ⊖ From ultra clean boost to full overdriven high gain **DRIVE**.
- ☑ **PRE TONE** acting before the clipping stage to change the way the pedal reacts to your guitar.
- ⊗ **POST TONE** acting after the clipping stage to precisely tailor your output sound, from fat and heavy to beautiful chime.
- ⊙ Highly responsive **MID** Eq to shape the way your sound sits in the mix.

- TRUE **BYPASS** WITH RELAY.
- EXPRESSION PEDAL INPUT.
- 1 ONBOARD **PRESET**.
- 128 PRESETS ACCESSIBLE VIA MIDI.
- MIDI IN AND OUT WITH FULL CONTROL OVER ALL THE PARAMETERS.

- ⊗ Up to 30V output voltage from standard 9V input for ultimate dynamics to punish your amp using the **VOLUME** knob.
- ⚡ 5mm thick touring ready aluminum casing.

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