

## Press release

# Alter Instruments Unveils Modalio: Revolutionizing the Pipe Organ Experience with Digital Augmentation

Saint-Etienne, 26 March 2025



**Alter Instruments**, a company dedicated to the innovative fusion of tradition and technology in musical instruments, is proud to announce the availability of the **Modalio**, a **groundbreaking sound transformation extension designed for pipe organs**. Originally developed at the request of organist Jean-Christophe Revel, the Modalio empowers organists to explore an expansive sonic palette, seamlessly blending the rich acoustic heritage of the pipe organ with the limitless possibilities of digital signal processing.

The Modalio acts as a natural extension of the organist's artistry, offering a wide array of sound transformations managed directly through intuitive gestures. The system captures the organ's acoustic sound via strategically placed microphones, processes it in real time, and diffuses the enhanced sound through loudspeakers, creating a captivating and immersive auditory experience that complements the original acoustic output.

## Key Features and Benefits of the Modalio:

- **Unleash a Universe of Sounds:** The Modalio offers an extensive range of sound transformations, including rhythm (delays, loops, echo), pitch (harmonizer), timbre (filters, flanger), and spatial effects (reverb, panning), expanding the traditional sonic boundaries of the pipe organ. It can also trigger external audio files, further enriching the instrument's capabilities.
- **Intuitive Control at Your Fingertips (and Feet):** Organists can effortlessly access and manipulate sound transformations through a set of processing pedals and a user-friendly touch screen, ensuring real-time control and expressive performance.
- **Seamless Integration, Lasting Integrity:** The Modalio is designed to augment the pipe organ without altering the original instrument, preserving its historical and acoustic integrity while opening doors to contemporary musical expression.

- **Tailored to Your Needs:** Available in both mobile and integrated versions, Modalio can be adapted to various performance settings and installation requirements. Customization options are also available for the number and arrangement of pedals, microphones, and sound output configurations.
- **Bridging Tradition and Innovation:** The Modalio facilitates access to the repertoire of contemporary music, enabling organists to explore new artistic territories while honoring the legacy of the pipe organ.

The Modalio is the result of meticulous craftsmanship and cutting-edge technology, incorporating 3D modeling and digital cutting in its manufacturing process. The system's design ensures a harmonious blend with the organ's existing aesthetics, as seen in the integrated version installed at the Saint-Orens Church in Auch, France.

More information at <https://www.modalio.fr>

## Why is the Modalio unique ?

- **Fusion between traditional organ and electronics** without modifying the original instrument
- **Real-time control by the organist**, without a complex interface
- **Immediately accessible sound transformations without additional hardware**

## Upcoming events

- Inauguration of the first permanently augmented organ with integrated Modalio-system in Auch, France, 16-17 May 2025
- Sampo & Modalio Academy – Initiation to the augmented organ, Auch, France, 14-20 July 2025

## About Alter Instruments

Founded in 2022 by Alexander Mihalič and Teresa Rosenberg, Alter Instruments is dedicated to creating innovative musical instruments that bridge the gap between tradition and modern technology. With flagship products like Sampo and Modalio, Alter Instruments strives to offer musicians new dimensions of artistic expression.

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