DiGiCo and Fourier Audio Set to Transform Live Sound

*New **transform**.engine brings studio-grade, Dante-connected VST3 plugins to live engineers*
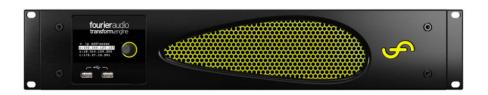
NEW YORK CITY â€" October 25, 2023 â€" AES Stand #823 â€'Building upon the announcement from earlier this month that it has joined forces with industry pioneer DiGiCo, Fourier Audio is proud to finally reveal the **transform**.engine, previously known as codename â€œProject Core.â€•

Housed in a 2U touring-grade chassis with dual redundant power supplies, the new **transform**.engine is a Dante-connected server designed to run all VST3-native software plugins in a live environment, bringing premium studio software to live sound and broadcast applications. Fully compatible with any VST3 plugin that can run on Windows, the new device gives engineers and creatives access to the very best studio-grade processing on a robust platform that is specifically designed for the rigors and complexities of live productions.

Designed as a turnkey solution for plugin hosting, the **transform**.engine is easily controlled by a remote Windows or macOS client application, reducing the need for complex setups. Users can simply connect to the engine via a standard Ethernet cable, install their plugins, and get directly to processing.

For paramount reliability, Fourier Audioâ€™s patent-pending audio software engine provides a rock-solid sandbox with plugins ring-fenced from each other. Should a plugin crash, the rest of the system will not only be unaffected, but the **transform**.engine will immediately restart that plugin, quickly restoring the original integrity of the mix.

Designed to be integrated directly into live audio workflows, **transform**.engine will soon put control of plugins directly under the fingers of engineers on their own worksurfaces, starting with DiGiCo consoles. However, similar to products from sibling brand KLANG:technologies, the new Fourier Audio device is fully capable of operating in conjunction with virtually any professional digital console on the market via Dante, using the Windows/macOS application to control the engine.

The **transform**.engine can also process audio standalone with no computer required. Controlled remotely by a Windows/macOS application, with plugin user interfaces "teleported" and controlled in ultra-low-latency over the network, the product has been tuned to deliver the lowest-latency solution on the market for hosting VST3 plugins, while preserving the reliability and performance of the server.

Scheduled to ship in the first quarter of 2024, the **transform**.engine will feature an optional software subscription bundle.

"In the meantime, we're inviting studio software manufacturers to contact us about potentially offering their plugins as part of **transform**.engine's ever-expanding open ecosystem of live tools," says Fourier Audio CEO Henry Harrod. "We want to introduce them to a whole new market segment that they've not previously had access to. At the same time, we want to offer live sound engineers not just 'good' emulations of various studio plugins, but the absolute best-sounding authentic versions of every plugin they might possibly want from the professional recording world. It's a 'win-win' situation for everyone."

Fourier Audio CCO Gareth Owen points out that **transform**.engine's reliability will be one of its greatest hallmarks. "There are a lot of other VST hosting approaches out there, but when you have a theater, arena, or stadium full of people listening to your show, there's no margin for error," he says. "With the backing and support of DiGiCo, which is celebrated for its decades of designing tourable, reliable, and long-lasting hardware, we are building the ultimate plugin solution."

Fourier Audio's team of engineers, led by CTO Peter Bridgman, has followed two years of intensive R&D with a recent collaboration with DiGiCo to deliver a brand new hardware platform for **transform**.engine. DiGiCo Technical Director John Stadius has been working very closely with the Fourier Audio team and his excitement is evident: "It has been an exciting challenge for our teams to design a brand new bespoke hardware platform. The Fourier Audio team reminds me of an early-stage DiGiCo, and that enthusiasm really motivated us all to get it done. I couldn't be happier with the end result and what it will mean for live sound engineers."

For more details on the new Fourier Audio **transform**.engine, visit www.fourieraudio.com.

About Fourier Audio

Fourier Audio is a UK-based startup, with solutions incorporated on many theatre productions on Broadway and the West End, along with international music tours. For more information, go to www.fourieraudio.com.

About DiGiCo

DiGiCo is a UK-based manufacturer of some of the world's most popular, successful and groundbreaking digital mixing consoles for the live, theatre, broadcast and postproduction industries and is exclusively distributed in the US by Group One Ltd. of Farmingdale, New York. For more information, go to www.DiGiCo.biz.

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