AUDIOLIFT
UNLOCK IMMERSIVE SOUND

REAL-TIME STEREO-TO-IMMERSIVE AUDIO PROCESSOR

Audiolift Immersive Processor

Stereo in. Immersive out.

All your music becomes immersive. Audiolift transforms your stereo programmes into a spatial and enveloping listening experience for live sound, clubs and permanent installations.

Precise source localisation around the audience

Sources within the stereo mix are positioned around the listeners. Their localisation remains precise, including during movement, creating a soundstage that fills the space.

Your content, your workflow

DJ sets, concerts, streaming, audio and video playback: Audiolift processes the stereo programme directly from your existing signal chain. Once configured, you keep your tools and your usual workflow.

Just plug. Just play.

Setup is immediate and the web interface is simple to use. Connect Audiolift to your signal chain, set it up in less than 5 minutes, and start playing.

32 / 32	4.7 ms	48 · 96 kHz
INPUTS / OUTPUTS	DANTE LATENCY	24-BIT AUDIO

Proprietary audio processing technology — Patent pending · audiolift.com

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audiolift.com

Stereo takes its place in the room

An existing mix becomes an immersive soundstage

Audiolift analyses the stereo mix in real time to extract spatial information and redistribute its elements across the loudspeaker system. The result combines precise source localisation with an enveloping listening experience and greater depth around the audience.

The processing is applied directly to the music being played. Your entire repertoire can benefit from immersion, track after track, while preserving the balance of the original mix.

Technology designed for live sound

With 4.7 ms of latency from Dante input to Dante output, Audiolift integrates into real-time sound reinforcement workflows. The processor operates at 48 and 96 kHz with 24-bit audio and handles up to 16 stereo streams simultaneously.

A loudspeaker layout that fits the venue

The system adapts to freely arranged loudspeaker layouts, including asymmetrical configurations. The immersive soundstage is built around the geometry of the venue and its audience.

Processing rooted in audio research

Audiolift is based on a proprietary algorithm for which a patent application has been filed. Its design draws on its founder’s research and development experience in audio signal processing, acoustics and psychoacoustics.

PATENT PENDING

Immersion in your everyday workflow

Concerts and live sound

Keep mixing with your usual console. Audiolift transforms the stereo programme into an immersive soundstage and processes multiple streams simultaneously.

DJs and clubs

Keep your DJ mixer and your repertoire. Tracks become immersive in real time, with spatial rendering you can control during the performance.

Streaming and recorded content

Play content from Spotify, Apple Music, an audio player or a video source. The stereo programme from your playback chain feeds Audiolift and benefits from the same immersive processing.

Installations and multipurpose venues

Integrate the processor into your loudspeaker system and use the same controls across the venue's different applications. Comprehensive routing and calibration tools help adapt it to the installation.

CONTROL

Spatial control at your fingertips

Adjust Width, Orientation, Spatial Balance and Bass Balance. Control your settings through the web interface, map a MIDI controller using MIDI Learn, or integrate Audiolift into your control system with OSC.

REMOTE ACCESS

Audiolift Connect

Audiolift Connect is built into the processor and linked to the unit. It provides remote access to the interface to support system operation and monitoring.

Specifications and integration

AUDIO AND PROCESSING

Inputs and outputs	32 / 32
Latency	4.7 ms
Sample rates	48 · 96 kHz
Audio resolution	24-bit
Audio networking	Dante
Audio features	Comprehensive routing Calibration EQ Test signals Upmix Controls Snapshots

CONNECTIVITY AND CONTROL

Network ports	3 etherCON ports: Dante Primary, Dante Secondary, Control
Audio expansion	USB-C and USB 3 for class-compliant audio interfaces
Local control	Web interface
External control	MIDI Learn and OSC
Remote access	Audiolift Connect included

Expandable audio connectivity

The USB ports support class-compliant audio interfaces to adapt connectivity to your system: analogue, MADI or AVB through a compatible interface.

Planned extensions

Extensions to 64 inputs / 64 outputs and object-based audio spatialisation.

DISCOVER AUDIOLIFT

Contact Audiolift to arrange a demonstration or discuss an integration project.

audiolift.com · contact@audiolift.com

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