FAIRLIGHT | 3DAW

Next Generation 3D Audio Tool Suite

Features

- Creates content in immersive 3D sound formats (Dolby® Atmos™, DTS® MDA)
- Supports channel and object-based 3D mixing methods
- Production and Playback tools in one suite
- Stand Alone System compatible with Fairlight®, Pro Tools®, Nuendo®
- Efficient integration into existing studio workflows
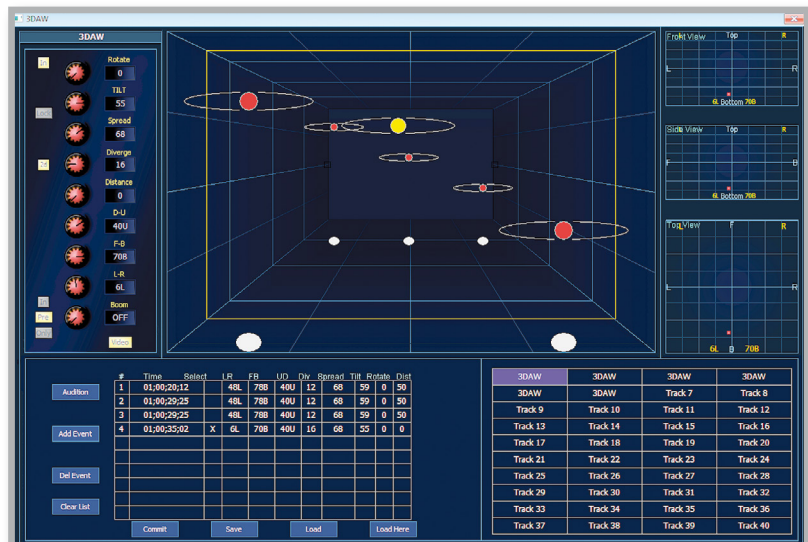
Ultimate Creative Freedom

3DAW from Fairlight is the industry's most cost effective and versatile post production solution for 3D audio mixing. Available as a turnkey system or plugin, this powerful tool enables content creators to combine both channel format and new object-based mixing techniques in unrestricted 3D space and monitor in any speaker configuration. 3DAW is the perfect immersive sound production tool for editing rooms, pre-mixing suites and the final mixing stage. It provides editors, sound designers and mixers with increased artistic freedom by enabling audio elements to be placed in a 3D sound environment from the earliest stages of the post production process.

Supported Immersive 3D Sound Formats

3DAW can generate object-based audio for the following formats:

- **Dolby® Atmos™** 3DAW can send Atmos™ meta-data to the Dolby**®** Rendering and Mastering Unit and allows control of the audio objects within a mix.

- **DTS® Multi-Dimensional Audio (MDA)** 3DAW simplifies MDA delivery by creating "intelligent mix objects", which automatically adjust to the listening environment. Consequently, any 3DAW mix can be printed, or played "live" into this surround format, now or in the future, with perfect rendition of all spatial elements.

- **NHK 22.2 Multichannel Sound System for Super Hi-Vision** 3DAW can mix directly to NHK's three dimensional 22.2 bus format. This includes advanced image controls and source-channel linking up to 22.2 channels wide.

In addition 3DAW is also able to generate a wide range of existing mix formats like stereo, 5.1, 7.1, 9.1+2 and larger configurations. Custom formats can be created for up to 34 speakers. 3DAW's monitoring enables the operator to switch instantly between different surround formats and/or speaker sets. With 3DAW you can even use a third-party surround headphone plug-in that can convert channel-based mixes into a binaural stereo mix for preparation using a simulated 3D speaker array.

3D Panner to position sound in space

3D visualisation (SpaceView)

FAIRLIGHT | **3DAW**

Full Workflow Compatibility

3DAW adds 3D audio production to your existing digital audio workstation, whilst remaining fully compatible with your existing workflow. It operates with media applications that support either VST® or RTAS® plugins and therefore works with the most popular professional applications like Pro Tools®, Nuendo® and Fairlight.® Support via ASIO® is also available, and makes installation of small to medium systems very cost effective.

Post Production Tool Suite

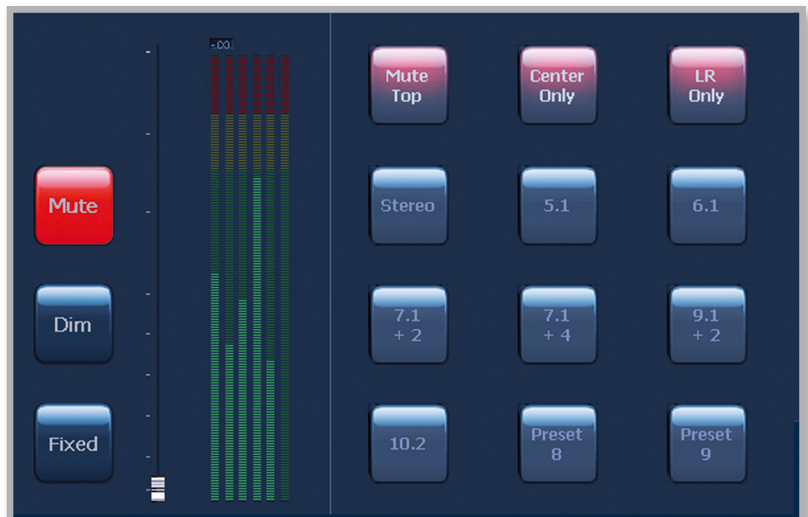**3DAW** adds four 3D tools to your existing digital audio workstation:

• 3D Panner to position sound in space

• 3D monitoring and a B-chain system supporting up to 34 discrete speaker outputs

• 3D visualisation (SpaceView) providing a clear view of objects' spatial location and level contribution

• Mastering of final program delivery in any set of diverse output formats (including MDA and Atmos™ via RMU)

Screening Function

An included application provides program replay in a screening and presentation capacity, for easy previewing and demonstration. This application can be remote controlled by a tablet, allowing you to drive the presentation from the audio sweet spot with your clients.

3DAW Configurations

3DAW is available as a turnkey solution or plugin system comprising of Crystal Core (CC) media engine, I/O unit and 3DAW software for each required 3D format, installed in a Fairlight-ratified PC (Windows® only). Owners of Fairlight systems with a Crystal Core processor and I/O are able to upgrade their license to 3DAW.

3D monitoring and B-chain screen

Fairlight 3D Panner in third party DAW

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Please visit our website to learn more about Fairlight products and services or to find a local distributor.

Mobile remote controlled screening function for tablet