

## Auro-3D® Auro-Matic™ Pro: Product Overview

Auro-Matic Pro is an *up-mixing* plug-in based on an intelligent and highly efficient algorithm that uses a variety of early reflection patterns to create a two- or three dimensional sound field from a one- or two-dimensional source, all without affecting the intentional aesthetics of the original mix. This plug-in comes in a 2D and 3D dimensional version.

### Main Features

- ✓ **Auro-Matic Pro 2D:**  
This plug-in can create a 5.1 or 7.1 Surround sound field from Mono and Stereo sources. It acts as a stand-alone plug-in that outputs directly to a DAW-track but can also be used in combination with the Auro-3D® Authoring Tools.
  
- ✓ **Auro-Matic Pro 3D:**  
This plug-in can create an Auro-3D® sound field from Mono, Stereo, 5.1 and 7.1 Surround sources. Auro-Matic Pro 3D connects directly to the Auro-3D® ecosystem to surmount the eight-channel format limitation found in most DAWs.

### Auro-3D® ecosystem for Auro-Matic Pro 3D:

- **A3DHost:**  
A3DHost runs as a background service that ensures that all Auro-3D® plug-ins are correctly connected to each other.
  
- **Auro-Return:**  
The Auro-Return plug-in returns the output channels of an Auro-Mixing Engine or an Auro-Matic Pro 3D to the DAW. Because most DAWs have an eight-channel format limitation, the Height and Lower layers are typically delivered to two separate multichannel tracks, each with its own Auro-Return instance.
  
- **Auro-Settings:**  
The Auro-Settings application (accessible through the Mac menu bar and the Windows system tray) enables the user to change system-specific settings, e.g. the Solo behavior of the Auro-3D® plug-ins and the software architecture of the DAW.

## Technical characteristics

Supported operating systems:

- ✓ Mac OS X 10.7, 10.8, 10.9

Supported Digital Audio Workstations:

- ✓ Avid Pro Tools 10
- ✓ Avid Pro Tools 11

Supported plug-in formats:

- ✓ AAX native

Licensing:

- ✓ **Auro-Matic Pro 2D®** – Includes 2D up-mixing functionality.
- ✓ **Auro-Matic Pro 3D®** – Extends the Auro-Matic Pro 2D license with 3D up-mixing functionality.