

## v3.1.0 Release Notes – August 2021

### Updates

1. **Preserve 5.1 Downmix Channel Integrity** - Downmix to 5.1 surround DSP has been further enhanced to preserve the LCR channel integrity between Immersive input formats downmixing to 5.1 surround.

This update improves every immersive input format with a minimum of 5.x channels or more that includes all Atmos (2.1.x/3.1.x/4.1.x not included), Auro3D, DTSX, and Ambisonics immersive formats.

### Fixes

1. Settings Panel - is now resized and embedded in Penteo plug-in window.
2. Visualizer graphics issue in Pro Tools resolved.

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### Enhancements

1. **Four New Atmos Formats Added**

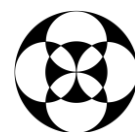
Upmix or downmix Atmos 2.1.2, 3.1.2, 4.1.2, or 4.1.4 to any other Penteo supported format.

Penteo 16 Pro is the only upmixer that supports all Dolby formats natively from Atmos 2.1.2 to Atmos 9.1.6.



2. **Automatic Ambisonics Decoding/Downmixing Added (new in v2.2.4)**

Downmix your 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Order AmbiX/FuMa Ambisonics formats to any other format from Stereo > Surround > Atmos/Auro/DTSX. If Penteo supports the format, now you can upmix or downmix Ambisonics to it!



## Fixes

1. Upper Channel Solo enabled when downmixing Atmos and Auro formats.

## Updates

1. Supports Pro Tools 2021.6.
2. Compatible with Apple M1 Big Sur on ProTools, Reaper, Nuendo.
3. Improvements to Reaper multi-channel busses for plug-in inserts and batch processing.