LINEAR ACOUSTIC AERO.8000
Audio Processing Platform

Enterprise-wide Television Loudness Management

AERO.8000 is an audio processing platform for high-density applications where loudness control, upmixing, Dolby® coding, and audience measurement are required for multiple channels with a minimal footprint.

AERO.8000 uses the same trusted AEROMAX® processing and UPMAX®-II upmixing/downmixing algorithm found in our industry-standard hardware AERO-series processors, but each 1RU Processing Engine is capable of handling up to eight processing instances and 16 stereo pairs of Livewire+ AES67.
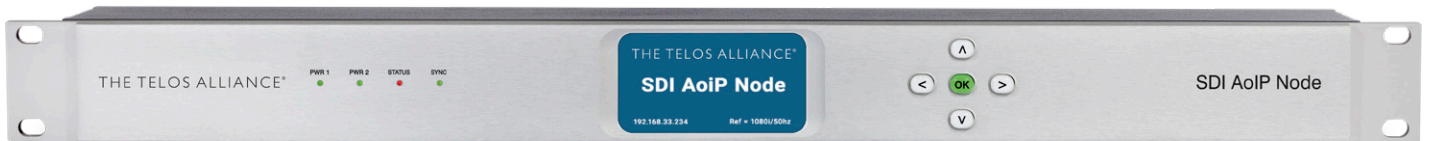
Instances can be any combination of AMX5.1 (5.1+2+2), AMX2.0 (2+2+2), or AMX5x2 (2+2+2+2+2) configurations, each supporting SAP/DVS, LoRo/LtRt downmixing, and local audio insertion (for EAS or local emergency audio).

ITU-R BS.177003 or EBU R128 loudness meters are present on the output of each program, and standard Linear Acoustic CrowdControl™ eliminates viewer complaints about missing or hard-to-hear dialogue.

Dolby® Digital/Dolby Digital Plus transcoding is a per-instance option as is Nielsen® watermark encoding for AMX5.1 and AMX2.0 instances, including N2, N6, and CBET.

A comprehensive TCP/IP remote application provides control over all system settings, processing, Dolby coding parameters, per-channel signal presence, and loudness metering, plus remote audio monitoring so that users can audition signal quality anywhere link bandwidth allows. An http server is included for retrieval of loudness logs as well as automated control via network commands.

I/O is handled via Livewire+ AES67 AoIP using our own Telos Alliance SDI AoIP Node, AES, analog, or mixed xNodes, or in the spirit of interoperability, a wide variety of audio interfaces from other manufacturers.

Specifications are subject to change without notice.

TELOSALLIANCE.COM/LINEAR/AERO.8000 | INQUIRY@TELOSALLIANCE.COM