SurCode for Dolby Pro Logic II

The Benchmark for LtRt Creation on Your Workstation

Dolby Surround is the industry standard method of delivering surround audio to consumers using stereo delivery channels. As the most complete toolkit for Dolby Surround production, SurCode for Dolby® Pro Logic II is a certified Dolby Pro Logic II encoder and decoder that allows fast and easy processing and management of file-based Dolby Pro Logic assets.

SurCode for Dolby Pro Logic II offers complete Dolby Pro Logic II encoding and Pro Logic II, Pro Logic IIx and Pro Logic IIz decoding of up to 8 channels of audio. The product enables auditioning, encoding and decoding of audio, making it easy to produce surround–ready mixes in real time and, being file-based, at faster than real time. SurCode for Dolby Pro Logic II also decodes back to multichannel audio, making it the perfect complement to post–production LtRt needs, and multichannel field surround microphones.

- Complete encoding, decoding, measuring, monitoring and QC for LtRt and LoRo in one unified environment
- Encode & decode simultaneously in real time to easily optimize your input
- Perfect compliment to SurCode for Dolby E Encoder

- Cross–platform AAX, AudioSuite, RTAS, VST, plus stand–alone native apps for Mac OS & Windows, all on iLok
- Built–in loudness measurement for simplified workflows & EBU R 128 & CALM-compliant deliverables

Built For Loudness Standards

Broadcasters the world over need to deliver loudness–compliant content for mandated delivery channels, and should correct all material, regardless of channel and platform. SurCode for Dolby Pro Logic II displays seven different standard loudness measurement parameters:

- ITU 1770 ungated Integrated Loudness in LKFS
- EBU R 128 Integrated Loudness in LUFS
- Maximum Momentary & Short Term Loudness

- ITU 1770-2/3 gated Integrated Loudness in LKFS
- Dialog–anchored Integrated Loudness
- Maximum True–Peak

These real time loudness measurements allow you to adjust and verify objective loudness parameters of both your source files and encoded LtRt content.

Complete — End to End

SurCode for Dolby Pro Logic II allows an end–to–end, encode/decode cycle for direct control of your mix's entire life cycle. In addition to a reference grade LtRt encoder, SurCode for Dolby Pro Logic II also provides a facility for stereo or LoRo output as well. The encoded LtRt can be monitored as a non–decoded stereo stream or decoded as a surround stream.

SurCode for Dolby Pro Logic II enables engineers to use SurCode technology Avid or VST DAWs, making it a powerful, time-saving tool to efficiently mix directly in your workstation of choice. Now the exact same phase and amplitude behavior of the Pro Logic II consumer decoding chain can be monitored corrected if necessary, saving time and ensuring the highest quality output during the mixing process. SurCode for Dolby Pro Logic II version 3 also offers a cross-platform, standalone version for use in any workstation environment.

SurCode for Dolby Pro Logic II monitoring and loudness measurement tools and built-in encoding/decoding features enable mixes to be optimized for all playback situations, regardless of whether the LtRt is decoded into surround or remains in stereo mode as delivered.

Tools for Today ... and Tomorrow

SurCode for Dolby Pro Logic II continues the Minnetonka Audio tradition of supplying discriminating audio professionals with full featured Dolby codecs. In keeping with our parallel philosophy to streamline workflows, version 3 integrated loudness measurement saves time and money while reinforcing industry best practices.

SurCode is the world's most trusted family of professional codecs for Dolby formats, with pro-level service and support. As with all members of the SurCode family, SurCode for Dolby Pro Logic II is fully Dolby-certified, allowing the use of associated Dolby trademarks and branding.

For television, radio, corporate, industrial, games, OTT or Mobile/Hybrid; anywhere your client wants to deliver engaging, compelling, forward and backwards-compatible content, Dolby Surround is the format of choice, and SurCode for Dolby Pro Logic II delivers easy LtRt content with complete confidence.

System Requirements

SurCode for Dolby Pro Logic II is built for use in Avid's Pro Tools, Media Composer, NewsCutter and Symphony, using the AAX, RTAS and AudioSuite formats. The installer provides cross-platform VST support as well, for Nuendo, Pyramix, Sequoia, and other VST 2 compliant hosts. Also installed are cross-platform, standalone applications for Windows and Mac OS.

For specific system requirements and product bundles, please visit our web site at www.minnetonkaaudio.com.

Follow Telos Alliance TV Solutionsgroup:

@telos_tvsg   Telos-Alliance-TV-Solutions-Group   Telos_TVSG   Telos-Alliance-TV-Solutions-Group

MINNETONKA AUDIO™
THE TELOS ALLIANCE

THE TELOS ALLIANCE®
TV SOLUTIONS GROUP