

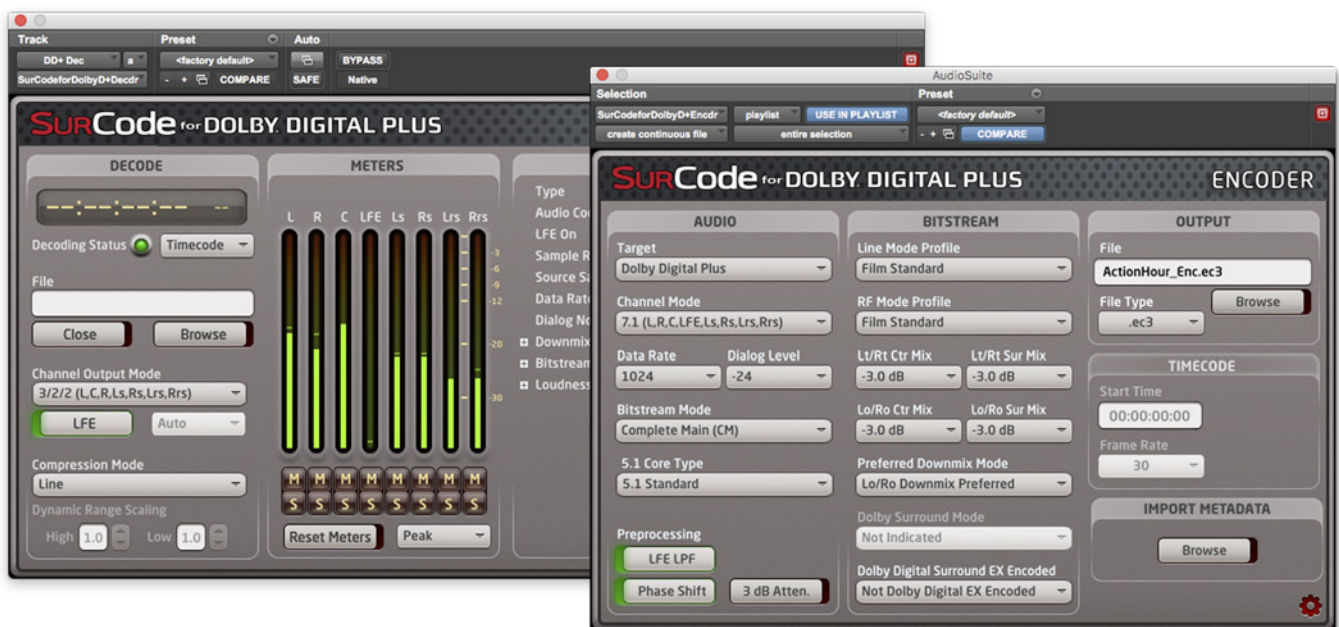


## SurCode for Dolby Digital Plus

The Benchmark for Digital Surround Creation on Your Workstation

### SurCode for Dolby Digital Plus

SurCode for Dolby Digital Plus Encoder converts 5.1, 6.1 and 7.1 surround sound audio to Dolby Digital Plus (E-AC-3) and Dolby Digital (AC-3) format. The product accepts up to 8 channels of 44.1 or 48 kHz PCM audio at word lengths of 16, 24 or 32 bits per sample. SurCode for Dolby Digital Plus Encoder outputs frames through your favorite DAW or to an .ec3/.ac3 or WAV file. It also supports all standard metadata and pre-processing options.



### SurCode – The Standard

Dolby Digital is the industry standard method of delivering discrete surround audio to consumers. As the most complete toolkit for Dolby Digital and Dolby Digital Plus production, SurCode for Dolby Digital Plus is the certified encoder and decoder that allows fast and easy processing and management of file-based linear PCM and Dolby Digital assets. As a plug-in, it runs in all current and legacy workstation formats, and also includes a cross-platform native version.

SurCode for Dolby Digital Plus offers complete Dolby Digital Plus and Dolby Digital supports up to 8 channels of audio. The product enables auditioning, encoding and decoding of audio, making it easy to produce discrete surround files in real time and, being file-based, at faster than real time speeds. SurCode for Dolby Digital Plus also decodes back to multichannel PCM audio, making it the perfect complement to your post-production needs for film, TV, mobile, gaming and VOD.

- Complete encoding, decoding, monitoring and QC in one unified environment
- Encode & decode simultaneously in real time to easily optimize your metadata
- Encoder includes a confidence monitor/decoder
- Writes ac3, ec3 & WAV files
- Supports Dolby Digital as well as Dolby Digital Plus
- Perfect complement to SurCode for Dolby E encoder
- Cross-platform AAX, AudioSuite, RTAS, VST, plus stand-alone native apps for Mac OS & Windows, all on iLok

## Why Plus?

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Dolby Digital Plus was designed from the ground up to be backward compatible yet broadly adaptable as your content evolves. It's scalable enough to address a wide range of delivery methods, from streaming and download, broadcast and BD to gaming, with outstanding fidelity while still delivering the reliable performance we've all come to expect from AC-3.

For theatrical release and many home theater enthusiasts, 5.1 is not enough. Dolby Digital Plus adds up to eight main channels to support increasingly popular 7.1 playback. Those extra channels result in more precise placement and localization for your audience. Thanks to significant gains in coding efficiency, all this extra capacity is carried as fully discreet, individual channels with no matrixing, so imaging is solid and repeatable across a variety of speaker configurations and playback conditions. That extra efficiency also translates into either lower data rates with quality equivalent to Dolby Digital, or superior fidelity at the same rate or file size as your legacy content.

Being a Dolby-certified product, audio data encoded by the SurCode for Dolby Digital Plus is fully compatible with all Dolby Digital and Dolby Digital Plus decoders, either in software versions, or as hardware in CE electronics or stand-alone pro decoders. Your Dolby Digital Plus output can be relied on to work the way you expect in the consumer's home, with no guesswork or inconsistencies. SurCode for Dolby Digital Plus allows you to deliver an enhanced stream everywhere, with no loss in quality should conversion to AC-3 be needed.

## Complete — End to End

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SurCode for Dolby Digital Plus allows an end-to-end, encode/decode cycle for direct control of your mix's entire life cycle. Choose 5.1, 6.1 or 7.1 encoding that perfectly matches your delivery platform. SurCode for Dolby Digital Plus also lets you repurpose 5.1 stems, with 6.1 and 7.1 upmixing. In addition to a reference grade E-AC-3 encoder and legacy AC-3 encoder, SurCode for Dolby Digital Plus also provides a facility for downmixing to stereo as well for QC of mixes on consumer equipment.

SurCode for Dolby Digital Plus enables engineers to use SurCode technology in your favorite Avid or VST DAW, making it a powerful, time-saving tool to efficiently mix directly in your DAW. Now the exact same dialnorm and downmix coefficients of a Dolby Digital/Dolby Digital Plus consumer decoding chain can be monitored, and metadata corrected if necessary, saving time and ensuring the highest quality output during playback. SurCode for Dolby Digital Plus also offers a cross-platform, standalone version for use in any Mac or Windows workstation environment.

## Tools For Today ... and Tomorrow

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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 Digital Plus is fully Dolby-certified, allowing the use of associated Dolby trademarks and branding.

For television, radio, corporate, industrial, games, OTT or Mobile/Hybrid; anywhere, audiences demand compelling high fidelity content. Dolby Digital Plus is the format of choice, and SurCode for Dolby Digital Plus delivers with complete confidence.

## System Requirements

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

For specific system requirements and product bundles, please visit our website at [www.minnetonkaaudio.com](http://www.minnetonkaaudio.com).

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