



Revolutionizing Multiscreen Audio

The leader in audio innovation, Dolby is now redefining the way consumers enjoy entertainment on any device. Our latest technologies are optimized to make it easier and more efficient for you to deliver the most amazing entertainment experience possible on current and future generations of devices.



Dolby has created a trusted audio platform that works across the entire multiscreen ecosystem. From content creation to distribution to the final HD experience, Dolby® Digital Plus delivers premium multichannel audio that is as close to the original sound mix as it can get.

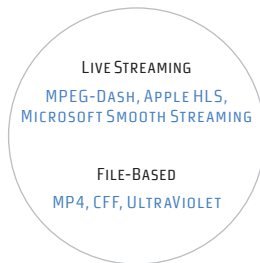
Dolby Digital Plus Ecosystem for Service Providers

OTT, Online, Mobile, Cable/IPTV/DBS, Broadcasters



CONTENT CREATION

LIVE STREAMING | ON DEMAND | FILE DOWNLOAD



DISTRIBUTION



PLAYBACK

CONNECTED TV, GAME CONSOLE, TABLET, PHONE, LAPTOP



SOLUTIONS FOR CONTENT ENCODING

Dolby's professional encoding solutions offer high-quality and bandwidth-efficient audio content encoding for multiscreen ecosystems. With these solutions, you can format material for more reliable delivery, lower storage requirements, and enhanced playback.

Dolby Digital Plus technologies are available in a wide variety of professional encoding solutions, including:

- Harmonic ProMedia™ Carbon
- Envivio 4Caster™
- Digital Rapids® StreamZ
- Ateme KFE
- Thomson ViBE VS7000
- Dolby Media Generator
- Dolby DP600 Program Optimizer
- Dolby software development kit

Dolby also offers loudness-control tools for optimized audio levels.

HD FORMAT FOR CONTENT DISTRIBUTION

A versatile, bandwidth-efficient, and scalable home-theater-grade audio codec for A/V content, Dolby Digital Plus is designed to deliver up to 7.1 channels of surround sound across multiple platforms and content types.

- Uncompromised HD-quality codec for live streaming, on-demand, or downloaded content
- 5.1-channel sound at 192 kbps

DISTRIBUTION MODELS

Dolby Digital Plus is the most scalable and flexible audio solution for file-based and live streaming multiscreen delivery across a broad set of frameworks including MPEG-DASH, Apple® HTTP Live Streaming (HLS), Microsoft® Smooth Streaming, and DECE UltraViolet™.

- Enables seamless adaptive audio bit rate and channel configuration changes (such as 5.1 or 2.0) enabling cost reduction of content distribution
- Powers a compelling experience across all devices and consumer use cases through a single stream
- Offers unmatched scalability with 7.1-channel and high-bit-rate support

DEVICE REACH AND SUPPORT

Having shipped on more than 640 million devices worldwide, Dolby Digital Plus offers unequaled industry adoption, interoperability, and quality across a broad variety of devices.

- Delivers an immersing audio experience across all playback and listening environments
- Features accurate playback behavior to match what consumers experience with Blu-ray™, DVD, and HD broadcasts
- Offers consistent and reliable implementation across all products
- Provides rigorous compliance testing and certification

ENHANCED PLAYBACK EXPERIENCE

The sound of HD in living rooms and over-the-top (OTT) services, Dolby Digital Plus is now optimized for playback on any device. Dolby Digital Plus produces clear, high-definition audio to any home theater, through any built-in speakers, and over any pair of headphones.

- Delivers a natural headphone surround experience for video
- Provides more volume and better performance from tablet speakers
- Maintains consistent volume at whatever level you set, for hassle-free listening
- Enhances dialogue and suppresses unwanted sounds so you can hear every word clearly
- Offers easy connectivity from your tablet or phone to your home theater system for authentic 5.1-channel surround sound



Dolby Laboratories, Inc. | 100 Potrero Avenue, San Francisco, CA 94103-4813 USA | T 415-558-0200 F 415-645-4000 | dolby.com

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