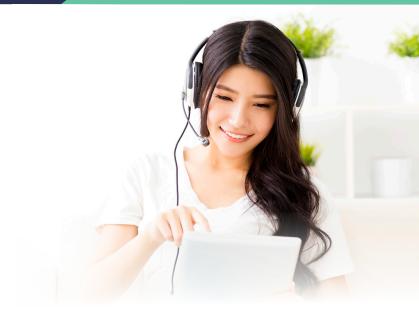


Dolby Digital Consumer

Comprehensive A/C Codec Library

Largest video codec libraries on earth, supporting nearly every major format in use today in both consumer and professional Markets.



The MainConcept Dolby[®] Digital Consumer SDK Packages support Dolby's surround sound technology that delivers high-quality digital audio for up to 5.1 discrete channels (L/C/R/LS/RS/LFE). It is the worldwide audio standard found in DVD players, broadcasted HDTV channels, IPTV solutions, etc. The AC-3 standard is based on the ATSC A52 Revision B specification.

Dolby Digital Consumer is available as 32-bit and 64-bit for Windows, Mac OS X and Linux.

Please note that you have to be a Dolby licensee, i.e. you have to be registered at Dolby, in order to evaluate the MainConcept Dolby[®] Digital Consumer SDK. Otherwise, we cannot provide you with an SDK for evaluation.

MAINCONCEPT DOLBY DIGITAL CONSUMER SDK PACKAGES

DOLBY DIGITAL CONSUMER ENCODER SDK

Dolby Digital Consumer Encoder with AC-3 support for consumer solutions

DOLBY DIGITAL CONSUMER DECODER SDK

Dolby Digital Consumer Decoder with AC-3 support for consumer solutions

FEATURES

- Encodes PCM audio streams to AC-3 audio streams.
- Supports output bit rates from 64 to 640 kilobits per second.
- Support 48000 Hz sample rate.
- Supports up to six audio channels



| MainConcept Dolby Digital Technology Comparison: | | |
|---|--------------------------------|--|
| | Dolby Digital Consumer | Dolby Digital Plus Pro |
| Dolby Format | AC-3 | AC-3 & EAC-3 |
| Output bitrates | 64 to 640 kbit | 32 kbit to 6 Mbit |
| Sample rates (Hz) | 48000 | 32000, 44100 or 48000 |
| Channels | 5.1 | 5.1 (7.1) |
| Discrete channel support | No | Yes |
| Core Plus extension | No | Yes |
| Metadata support | No | Yes |
| Usage areas | DVD, IPTV, HDTV channels, etc. | Blu-ray, Bonus View, BD-Live, IPTV, HDTV channels, etc. |
| Encoder control | Basic | Full control |
| Algorithm complexity (CPU, MIPS, Memory) requirements | Low/Medium | High |
| Advanced volume control leveling | No | Yes |
| Flexibility and control of Bandwidth | Limited | Wider range |
| Flexibility and control of Audio reproduction | No | Yes |

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COMPONENTS

| DOLBY DIGITAL CONSUMER ENCODER SDK | Dolby Digital Consumer Encoder |
|---------------------------------------|--------------------------------|
| DOLBY DIGITAL CONSUMER DECODER SDK | Dolby Digital Consumer Decoder |

TECH SPECS

- Microsoft[®] Windows[®] XP, Vista, Windows 7, Windows 8, Windows 10 (32-bit/64-bit)
- Apple Mac OS X 10.6 or higher (Mac/Intel), (32-bit/64-bit)
- Linux Ubuntu 10.04 LTS (32-bit/64-bit)

For Windows, Mac OS X and Linux, the codec package consists of a Low Level API (in the C programming language). Under Windows, it additionally includes DirectShow[®] filters for decoding and encoding.

MORE INFORMATION: MAINCONCEPT.COM EMAIL: SALES@MAINCONCEPT.COM REQUEST YOUR DEMO SDK: WWW.MAINCONCEPT.COM/LICENSING-FORM.HTML