

Detailed information for all test video files of CDRInfo.com

Mpeg4 Video Test Procedure

1) Audio Tests

Complete name : \Audio\Audio_Formats\AAC_HE_VBR_2.0.mp4
File size : 2.63 MiB
Format : MPEG 4
Overall bitrate : 64 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG-4 AAC LC
Bit rate : 63 Kbps
Sampling rate : 48 KHz
PlayTime : 5mn 45s

Complete name : \Audio\Audio_Formats\AAC_HE_VBR_5.1.mp4
File size : 7.53 MiB
Format : MPEG 4
Overall bitrate : 183 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG-4 AAC LC
Bit rate : 182 Kbps
Sampling rate : 48 KHz
PlayTime : 5mn 45s

Complete name : \Audio\Audio_Formats\AAC_LC_CBR_2.0.mp4
File size : 7.98 MiB
Format : MPEG 4
Overall bitrate : 194 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG-4 AAC LC
Bit rate : 192 Kbps
Sampling rate : 48 KHz
PlayTime : 5mn 45s

Complete name : \Audio\Audio_Formats\AAC_LC_VBR_2.0.mp4
File size : 6.39 MiB
Format : MPEG 4
Overall bitrate : 155 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG-4 AAC LC
Bit rate : 153 Kbps
Sampling rate : 48 KHz
PlayTime : 5mn 45s

Complete name : \Audio\Audio_Formats\AAC_LC_VBR_5.1.mp4
File size : 14.0 MiB
Format : MPEG 4
Overall bitrate : 340 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG-4 AAC LC
Bit rate : 338 Kbps
Sampling rate : 48 KHz
PlayTime : 5mn 45s

Video
Complete name : \Audio\Audio_Formats\AC3_5.1_DELAY -248ms.ac3
File size : 15.8 MiB
Format : AC3 (Audio Coding 3)

Audio #0
Codec : AC3
Bit rate : 384 Kbps
Channels : 5.1
Channel coupling : L, R, C, SL, SR, Subwoofer
Sampling rate : 48 KHz

Video
Complete name : \Audio\Audio_Formats\AC3_CBR_2.0.ac3
File size : 15.8 MiB
Format : AC3 (Audio Coding 3)

Audio #0
Codec : AC3
Bit rate : 384 Kbps
Channels : 2
Channel coupling : L, R
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\DTS_CD.wav
File size : 58.2 MiB
Format : Resource Information File Format
Overall bitrate : 1411 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : PCM
Bit rate : 1411 Kbps
Channels : 2
Sampling rate : 44 KHz

Complete name : \Audio\Audio_Formats\DTS_DELAY -322ms.dts
File size : 31.1 MiB
Format : DTS

Audio #0
Codec : DTS
Bit rate : 768 Kbps
Channels : 5.1
Channel coupling : L, R, C, SL, SR, Subwoofer
Sampling rate : 48 KHz
Resolution : 16

Complete name : \Audio\Audio_Formats\MP2_DVD.mp2
File size : 7.91 MiB
Format : MPEG Audio
Overall bitrate : 192 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG Audio 1 layer 2
Bit rate : 192 Kbps
Channels : 2
Channel coupling : Joint stereo
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\MP2_SVCD.mp2
File size : 9.23 MiB
Format : MPEG Audio
Overall bitrate : 224 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : MPEG Audio 1 layer 2
Bit rate : 224 Kbps
Channels : 2
Sampling rate : 44 KHz

Complete name : \Audio\Audio_Formats\MP3_DivX_128.mp3
File size : 5.35 MiB
Format : MPEG Audio
Overall bitrate : 130 Kbps
PlayTime : 5mn 46s
Author : <http://DSPguru.doom9.net>
Comments : Made with BeSweet v1.5b29
Type : Oldies

Audio #0
Codec : MPEG Audio 1 layer 3
Bit rate : 130 Kbps
Channels : 2
Channel coupling : Joint stereo
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\MP3_Music_192.mp3
File size : 6.53 MiB
Format : MPEG Audio
Overall bitrate : 158 Kbps
PlayTime : 5mn 45s
Author : <http://DSPguru.doom9.net>
Comments : Made with BeSweet v1.5b29
Type : Oldies

Audio #0
Codec : MPEG Audio 1 layer 3
Bit rate : 158 Kbps
Channels : 2
Channel coupling : Joint stereo
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\Ogg_2ch_87kbit.ogg
File size : 3.60 MiB
Format : Ogg media stream
Overall bitrate : 88 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : Vorbis
Bit rate : 96 Kbps
Channels : 2
Sampling rate : 48 KHz
ENCODED_USING : Made with BeSweet v1.5b29
ENCODER_URL : <http://DSPguru.doom9.org>
LWING_GAIN : 2.886

Complete name : \Audio\Audio_Formats\Ogg_6ch_324kbit.ogg
File size : 13.4 MiB
Format : Ogg media stream
Overall bitrate : 326 Kbps
PlayTime : 5mn 45s

Audio #0

Codec : Vorbis
Bit rate : 420 Kbps
Channels : 6
Sampling rate : 48 KHz
ENCODED_USING : Made with BeSweet v1.5b29
ENCODER_URL : <http://DSPguru.doom9.org>
LWING_GAIN : 1.560

Video

Complete name : \\Emperor-njo9ve3\120gb11
(i)\New\Audio\Audio_Formats\WAV_2.0.wav
File size : 63.3 MiB
Format : Resource Information File Format
Overall bitrate : 1536 Kbps
PlayTime : 5mn 45s

Audio #0

Codec : PCM
Bit rate : 1536 Kbps
Channels : 2
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\WAV_5.1.wav
File size : 190 MiB
Format : Resource Information File Format
Overall bitrate : 4608 Kbps
PlayTime : 5mn 45s

Audio #0

Codec : PCM
Bit rate : 4608 Kbps
Channels : 6
Sampling rate : 48 KHz

Complete name : \Audio\Audio_Formats\WAV_48Khz.wav
File size : 63.3 MiB
Format : Resource Information File Format
Overall bitrate : 1536 Kbps
PlayTime : 5mn 45s

Audio #0
Codec : PCM
Bit rate : 1536 Kbps
Channels : 2
Sampling rate : 48 KHz

Complete name:\Audio\WMAPro5.1\WMAPro5.1_PeterGabriel_Sledgehammer.wmv
File size : 16.7 MiB
Format : Windows Media
Overall bitrate : 466 Kbps
PlayTime : 5mn
Title : Sledgehammer

Video #0
Codec : WMV3
Width : 240
Height : 192
Aspect ratio : 4/3

Audio #0
Codec : WMA3
Bit rate : 256 Kbps
Channels : 6
Sampling rate : 48 KHz

2) Video Tests

2.1 Uncompressed AVI

Complete name : \AVI\AVI_720x576_Uncompressed.avi
File size : 2.09 GiB
Format : Resource Information File Format
Overall bitrate : 263933 Kbps
PlayTime : 1mn 8s

Video #0

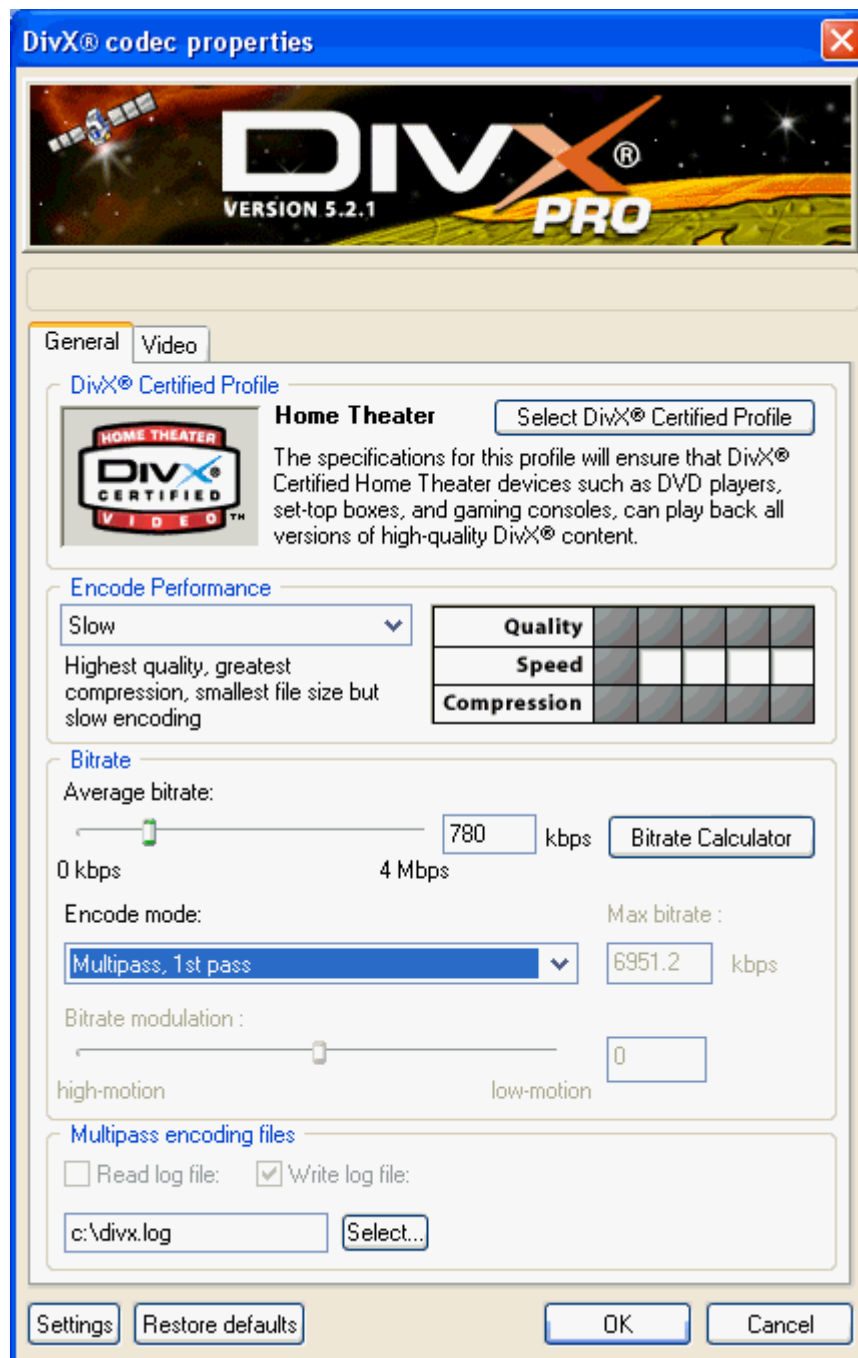
Bit rate : 262384 Kbps
Width : 720
Height : 576
Aspect ratio : 4/3
Frame rate : 25.000
Bits/(Pixel*Frame) : 25.307

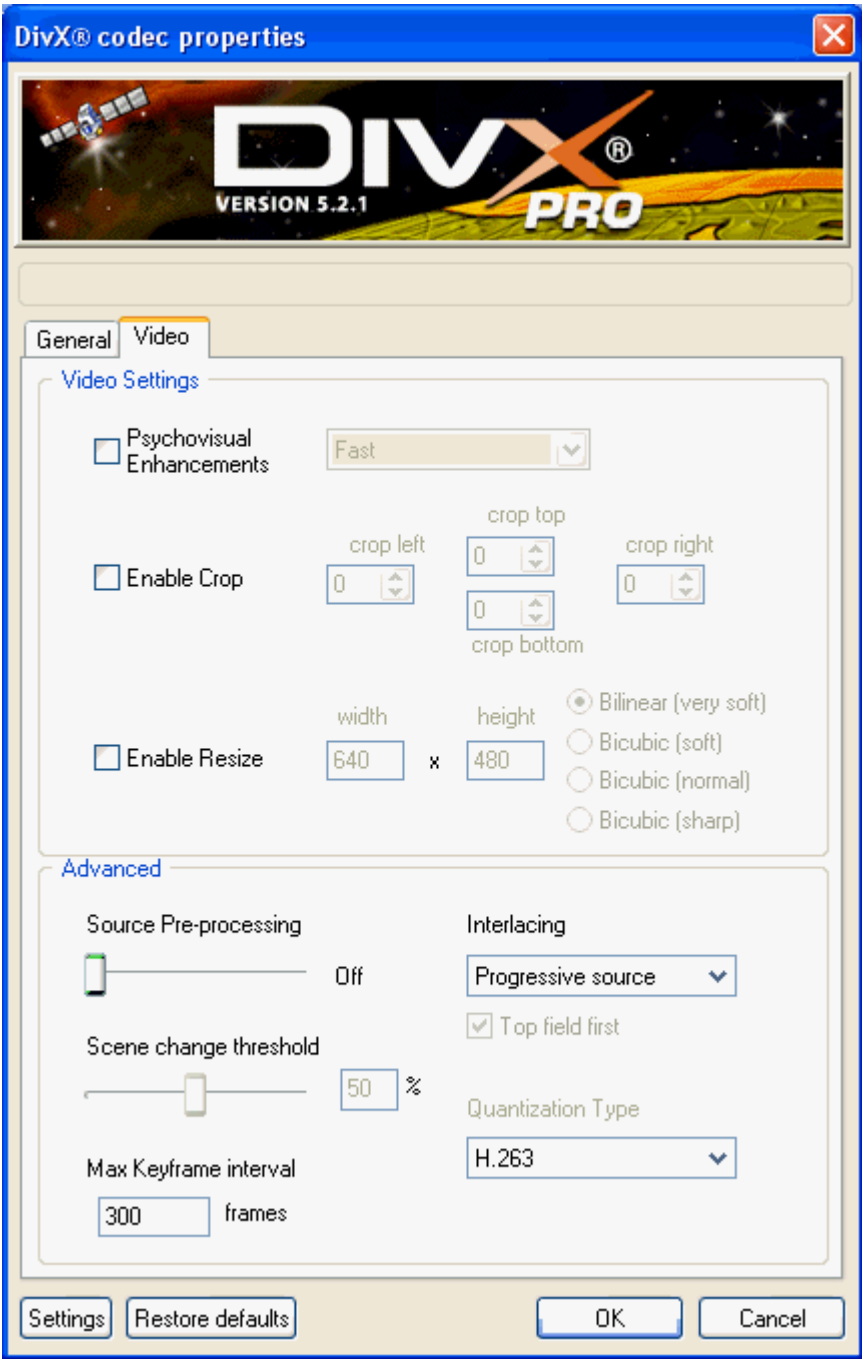
Audio #0

Codec : PCM
Bit rate : 1536 Kbps
Channels : 2
Sampling rate : 48 KHz

2.2. DivX Video


General Video Settings






Step 1 of 2 - Select a DivX Certified profile ✖


DivX® Certified




Handheld



Portable



Home Theater



High Definition


[About this profile](#)

*** Home Theater Profile ***

The specifications for this profile will ensure that DivX® Certified Home Theater devices such as DVD players, set-top boxes, and gaming consoles, can play back all versions of high-quality DivX® content. The detailed requirements are:

< Back
Next >
Cancel

Step 2 of 2 - Profile Settings ✖



MPEG4 Tools

Bidirectional encoding: Use Quarter Pixel

Adaptive Single Consecutive ▼ Use GMC

Video resolution

width height

x

Video frame rate

▼

[Hints for conformance](#)

The following information is still missing:

- Please enter the size of the video.
- Please select a frame rate.

< Back
Finish
Cancel

2.2.1 Video Files from 1 ~ 4 Mbit

(Home Theater Profile: same resolution and encoding properties)

Video

Complete name : \Divx5_Profiles\720x400\1Mbit.avi
File size : 33.0 MiB
Format : Resource Information File Format
Overall bitrate : 1168 Kbps
PlayTime : 3mn 57s

Video #0

Codec : DivX 5
Bit rate : 1035 Kbps
Width : 720
Height : 400
Aspect ratio : 16/9
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.144

Audio #0

Codec : MPEG1/2 L3
Bit rate : 120 Kbps
Channels : 2
Sampling rate : 48 KHz

2.2.2 Video Files from 4 ~ 8 Mbit

(High Definition Profile: same resolution and encoding properties)

Complete name : \Divx5_Profiles\720x400\6Mbit.avi
File size : 174 MiB
Format : Resource Information File Format
Overall bitrate : 6148 Kbps
PlayTime : 3mn 57s

Video #0

Codec : DivX 5
Bit rate : 6015 Kbps
Width : 720
Height : 400
Aspect ratio : 16/9
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.835

Audio #0

Codec : MPEG1/2 L3
Bit rate : 120 Kbps
Channels : 2
Sampling rate : 48 KHz

2.2.3 DivX 1280x720 High Definition Test (Meet The Fockers Trailer)

Complete name : \Divx5_Profiles\HD\1280x720x4Mbit_MeetTheFockers.avi
File size : 71.5 MiB
Format : Resource Information File Format
Overall bitrate : 4165 Kbps
PlayTime : 2mn 24s

Video #0

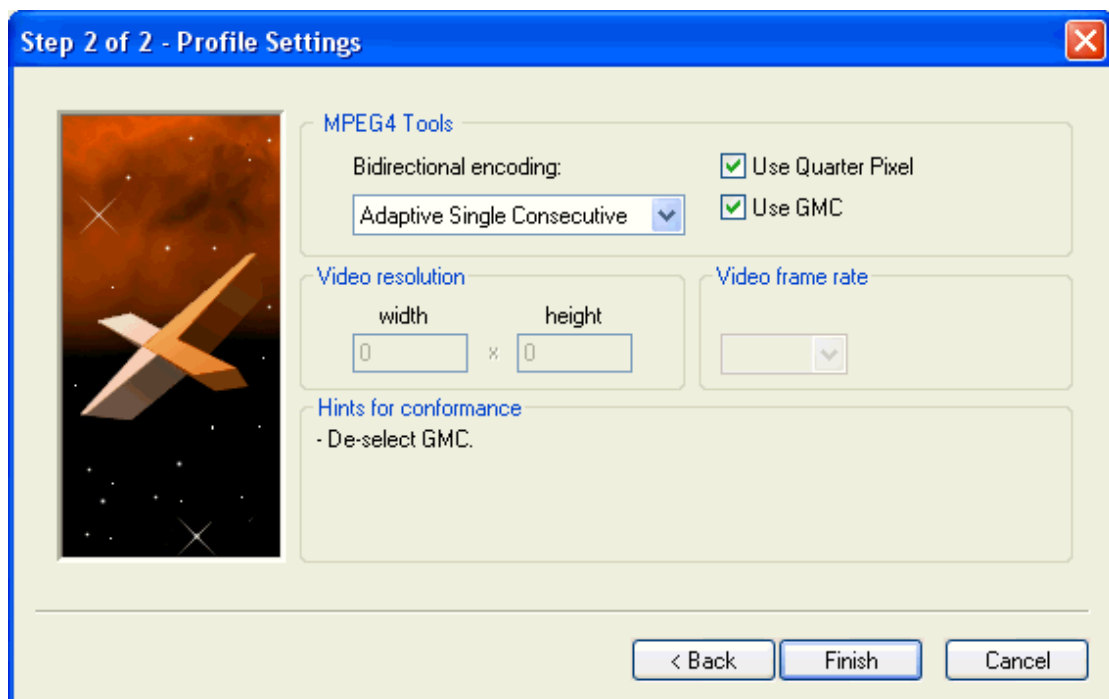
Codec : DivX 5
Bit rate : 4006 Kbps
Width : 1280
Height : 720
Aspect ratio : 16/9
Frame rate : 23.976
Bits/(Pixel*Frame) : 0.181

Audio #0

Codec : MPEG1/2 L3
Bit rate : 146 Kbps
Channels : 2
Sampling rate : 48 KHz

2.2.4 DivX Un-certified profiles

Same resolution and bitrate for all test files, we created all possible combinations (GMC, QP, GMC & QP), along with two audio streams (VBR/AC3):



Complete name : \Divx5_NonCertified\GMC.avi
File size : 33.0 MiB
Format : Resource Information File Format
Overall bitrate : 1168 Kbps
PlayTime : 3mn 57s

Video #0

Codec : DivX 5
Bit rate : 1036 Kbps
Width : 720
Height : 400
Aspect ratio : 16/9
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.144

Audio #0

Codec : MPEG1/2 L3
Bit rate : 120 Kbps
Channels : 2
Sampling rate : 48 KHz

Complete name : \Divx5_NonCertified\128VBRxAC3.avi
File size : 45.9 MiB
Format : Resource Information File Format
Overall bitrate : 1624 Kbps
PlayTime : 3mn 57s

Video #0

Codec : DivX 5
Bit rate : 1100 Kbps
Width : 720
Height : 400
Aspect ratio : 16/9
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.153

Audio #0

Codec : MPEG1/2 L3
Bit rate : 120 Kbps
Channels : 2
Sampling rate : 48 KHz

Audio #1

Codec : 8192
Bit rate : 384 Kbps
Channels : 6
Sampling rate : 48 KHz

2.3 Special Encoded Files

The below files have different (advanced) encoding options in order to create the compatibility with various Mpeg4 encoders (DivX/Xvid/3ivX) among with GMC (1 and 3 Warp Points) and custom encoding matrixes.

Complete name : \SpecialAVI\ASP_Adapt_Nero.avi
File size : 1.16 MiB
Format : Resource Information File Format
Overall bitrate : 970 Kbps
PlayTime : 10s

Video #0

Codec : DivX 4
Bit rate : 965 Kbps
Width : 720
Height : 288
Aspect ratio : 2.500
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.186

2.4 Packaged Video Files (Video, Audio and Subtitles Stream)

Both .divx files downloaded from DivX.com website and used to check compatibility with the upcoming .divx format animated menus and slideshow:

- LastManStanding.divx
- Slideshow.divx

Matroska files (mkv) is another package format that contains video, audio and subtitles:

Complete name : \Matroska\Test_File.mkv
File size : 61.6 MiB
Format : Matroska
Overall bitrate : 622 Kbps
PlayTime : 13mn 49s
Date : UTC 2005-01-08 21:04:11

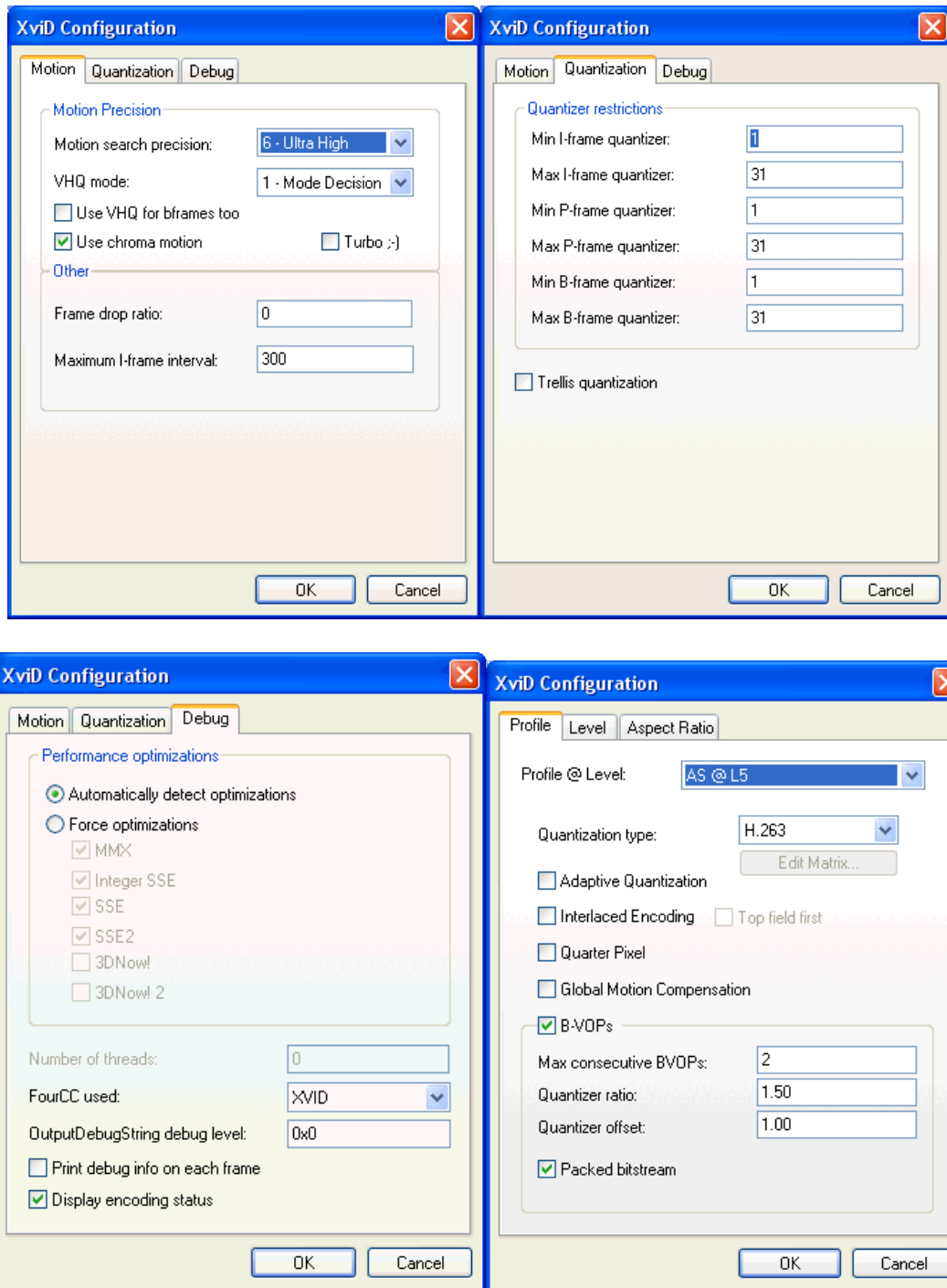
Video #0

Codec : DivX 5
Width : 704
Height : 288
Aspect ratio : 2.35
Resolution : 24

Audio #0: Codec : MPEG1/2 L3
Text #0: Codec : UTF-8
Text #1: Codec : UTF-8

2.5 Xvid Test Files

We used the latest available Xvid Koepi binary mostly to check all the special features (GMC, QP, Bvop, Packet Bitstream):



For all test files, we used the same bitrate and video file size:

Complete name : \XVid\704x288x128MP3\BVOP.avi
File size : 47.0 MiB
Format : Resource Information File Format
Overall bitrate : 1142 Kbps
PlayTime : 5mn 45s

Video #0

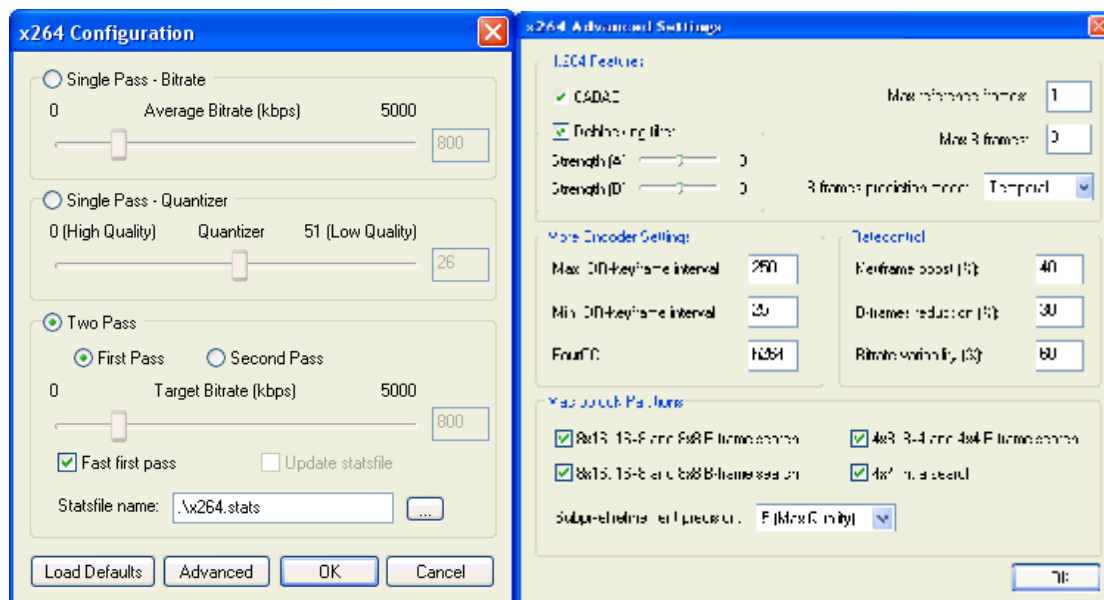
Codec : XviD
Bit rate : 1010 Kbps
Width : 704
Height : 288
Aspect ratio : 2.35
Frame rate : 25.000
Bits/(Pixel*Frame) : 0.199

Audio #0

Codec : MPEG1/2 L3
Bit rate : 120 Kbps
Channels : 2
Sampling rate : 48 KHz

2.6 H264 Test Files

We used the latest available x264 encoder (among with Gknot) to encode H264 compatible files, with all default properties as shown below:



2.7 Nero Digital Test Files

We downloaded all available NeroDigital sample clips from www.nerodigital.com.
Not many players support .mp4 file format.

2.8 Mpeg1 Test Files

We used the latest available version of TMPEnc for encoding Mpeg1 test streams and downloaded several test clips around the net too.

Complete name : \Mpeg1\Mpeg1_352x240_Avel_song.mpg
File size : 13.3 MiB
Format : MPEG 1 multiplexer
Overall bitrate : 1017 Kbps
PlayTime : 1mn 49s

Video #0

Codec : MPEG Video 1
Bit rate mode : VBR
Width : 352
Height : 240
Aspect ratio : 16/9
Frame rate : 23.976
Delay : 0

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 192 Kbps
Channels : 2
Sampling rate : 22 KHz
Delay : 0
Video0 delay : 0

Audio #1

Codec : MPEG Audio 2 layer 1
Bit rate : 32 Kbps
Channels : 2
Sampling rate : 32 KHz
Delay : 0
Video0 delay : 0

Complete name : \Mpeg1\Mpeg1_352x288x1150Kbit_VCD.mpg
File size : 57.6 MiB
Format : MPEG 1 multiplexer
Overall bitrate : 1397 Kbps
PlayTime : 5mn 45s

Video #0

Codec : MPEG Video 1
Bit rate : 1150 Kbps
Bit rate mode : CBR
Width : 352
Height : 288
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.454
Delay : 0

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 224 Kbps
Channels : 2
Sampling rate : 22 KHz
Delay : 0
Video0 delay : 0

Complete name : \Mpeg1\Mpeg1_352x288x1500Kbit_XVCD.mpg
File size : 72.1 MiB
Format : MPEG 1 multiplexer
Overall bitrate : 1749 Kbps
PlayTime : 5mn 45s

Video #0

Codec : MPEG Video 1
Bit rate : 1500 Kbps
Bit rate mode : CBR
Width : 352
Height : 288
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.592
Delay : 0

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 224 Kbps
Channels : 2
Sampling rate : 22 KHz
Delay : 0
Video0 delay : 0

Complete name : \Mpeg1\Mpeg1_352x288x2000Kbit_XVCD.mpg
File size : 92.9 MiB
Format : MPEG 1 multiplexer
Overall bitrate : 2255 Kbps
PlayTime : 5mn 45s

Video #0

Codec : MPEG Video 1
Bit rate : 2000 Kbps
Bit rate mode : CBR
Width : 352
Height : 288
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.789
Delay : 0

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 224 Kbps
Channels : 2
Sampling rate : 22 KHz
Delay : 0
Video0 delay : 0

Complete name : \Mpeg1\Mpeg1_640x480_Aero_Dancing_4.mpg
File size : 21.0 MiB
Format : MPEG 1 multiplexer
Overall bitrate : 1272 Kbps
PlayTime : 2mn 18s

Video #0

Codec : MPEG Video 2
Bit rate mode : VBR
Width : 640
Height : 480
Aspect ratio : 4/3
Frame rate : 29.97
Delay : 0

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 128 Kbps
Channels : 2
Sampling rate : 24 KHz
Delay : 0
Video0 delay : 0

2.9 Mpeg2 Test Files

We downloaded from Internet, Mpeg2 encoded clips at very high bitrates from 1.5Mbit up to 40Mbit to check the decoder's limits, among with Mpeg2-TS (un-compressed). For testing purposes, we also created several Mpeg2 clips.

Complete name : \Mpeg2\MPEG2_720x480_Avel_song.mpg
File size : 41.1 MiB
Format : MPEG 2 multiplexer
Overall bitrate : 3147 Kbps
PlayTime : 1mn 49s

Video #0

Codec : MPEG Video 2
Bit rate : 2713 Kbps
Bit rate mode : VBR
Width : 720
Height : 480
Aspect ratio : 4/3
Frame rate : 30
Bits/(Pixel*Frame) : 0.262
Delay : 213

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 384 Kbps
Channels : 2
Sampling rate : 24 KHz
Delay : 213
Video0 delay : 0

Complete name : \Mpeg2\MPEG2_720X576_25FPS_AC3.mpg
File size : 257 MiB
Format : MPEG 2 multiplexer

Video #0

Codec : MPEG Video 2
Bit rate : 9800 Kbps
Bit rate mode : CBR
Width : 720
Height : 576
Aspect ratio : 16/9
Frame rate : 25
Bits/(Pixel*Frame) : 0.945
Delay : 331

Audio #0

Codec : AC3
Bit rate : 384 Kbps
Channels : 5.1
Channel coupling : L, R, C, SL, SR, Subwoofer
Sampling rate : 48 KHz
Delay : 251
Video0 delay : -80

Complete name : \Mpeg2\SVCD_480x576.mpg
File size : 115 MiB
Format : MPEG 2 multiplexer
Overall bitrate : 2779 Kbps
PlayTime : 5mn 45s

Video #0

Codec : MPEG Video 2
Bit rate : 2519 Kbps
Bit rate mode : CBR
Width : 480
Height : 576
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.364
Delay : 733

Audio #0

Codec : MPEG Audio 1 layer 2
Bit rate : 224 Kbps
Channels : 2
Sampling rate : 22 KHz
Delay : 733
Video0 delay : 0

Complete name : \Mpeg2\Mpeg2 BitRate Check\352x288_1.5Mbit.m2v
File size : 2.68 MiB
Format : MPEG Video 1

Video #0

Codec : MPEG Video 1
Bit rate : 1500 Kbps
Bit rate mode : CBR
Width : 352
Height : 288
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.592

Complete name : \Mpeg2\Mpeg2 BitRate Check\704x576_04Mbit.m2v
File size : 7.18 MiB
Format : MPEG Video 2

Video #0

Codec : MPEG Video 2
Bit rate : 4000 Kbps
Bit rate mode : CBR
Width : 704
Height : 576
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.395

Complete name : \Mpeg2\Mpeg2 BitRate Check\704x576_06Mbit.m2v
File size : 10.8 MiB
Format : MPEG Video 2

Video #0

Codec : MPEG Video 2
Bit rate : 6000 Kbps
Bit rate mode : CBR
Width : 704
Height : 576
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 0.592

Complete name : \Mpeg2\Mpeg2 BitRate Check\704x576_40Mbit.m2v
File size : 71.5 MiB
Format : MPEG Video 2

Video #0

Codec : MPEG Video 2
Bit rate : 40000 Kbps
Bit rate mode : CBR
Width : 704
Height : 576
Aspect ratio : 4/3
Frame rate : 25
Bits/(Pixel*Frame) : 3.946

2.10 Windows Media Video Test Files

We downloaded from Microsoft's website several WMV clips either for testing WMV10, WMVHD, WMVHD DRM. In addition we are using UnderWorld WMVHD (European Edition) test disc.

Complete name : \WMV9\WMV_MP10_DigitalLife_300k.wmv
File size : 2.76 MiB
Format : Windows Media
Overall bitrate : 368 Kbps
PlayTime : 1mn 2s

Video #0

Codec : WMV3
Width : 320
Height : 180
Aspect ratio : 16/9

Audio #0

Codec : WMA2
Bit rate : 32 Kbps
Channels : 2
Sampling rate : 22 KHz

Complete name : \WMV9\WMVHD_The_Magic_of_Flight_720P.wmv
File size : 95.1 MiB
Format : Windows Media
Overall bitrate : 6517 Kbps
PlayTime : 2mn 2s

Video #0
Codec : WMV3
Width : 1280
Height : 720
Aspect ratio : 16/9

Audio #0
Codec : WMA3
Bit rate : 384 Kbps
Channels : 6
Sampling rate : 48 KHz

Complete name : \WMV9\WMVHD_The_Magic_of_Flight_1080P.wmv
File size : 123 MiB
Format : Windows Media
Overall bitrate : 8442 Kbps
PlayTime : 2mn 2s
Version : 0.0.0000
• • : 0

Video #0
Codec : WMV3
Width : 1440
Height : 1080
Aspect ratio : 4/3

Audio #0
Codec : WMA3
Bit rate : 384 Kbps
Channels : 6
Sampling rate : 48 KHz