

DTS-HD Master Audio SuiteTM

List Price: \$1495

Includes the following modules:

DTS-HD EncoderTM:

DTS Stream Types:

- DTS-HD Master AudioTM, lossless "bit for bit" variable bit-rate with embedded core of DTS Digital SurroundTM at a constant bit-rate up to 1509 kbps
- DTS-HD High Resolution AudioTM at constant bit-rates from 2046 kbps up to 5760 (Blu-ray Disc) or 3018 (HD DVD) kbps
- DTS Digital SurroundTM at constant bit-rates up to 1509 kbps for DVD-V and DVD-A, 1234 kbps for Music Discs, Sub Audio low bit-rate streams
- DTS ExpressTM for Blu-ray Secondary Audio includes mono, stereo and 5.1 stream types with metadata while support for HD DVD Sub Audio includes mono or stereo of either DTS ExpressTM or DTS Digital SurroundTM stream types. Data rates range from 48kbps to 510kbps, depending on the channel count and destination format

Channel Layout Support:

- Up to 7.1 ch. Discrete for Primary/ Main stream for Blu-ray Disc / HD DVD
- Up to 6.1 ch. Discrete for DVD-V & DVD-A
- Up to 6.1 ch. Discrete for DTS Surround Music Disc (CD)

Downmixes:

- 7.x to 5.x channels
- 5.x to 2.0 channels (Stereo)

Sample rates (file type):

- 44.1, 88.2** kHz for DTS Surround Music Disc (.wav)
- 48 and 96 kHz for DVD-V and DVD-A (.cpt)
- 48, 96 and 192 kHz for HD-DVD and Blu-ray Disc (.dtshd)
- 12, 24, and 48 kHz for Sub Audio on HD-DVD and 48 kHz Blu-ray Disc Secondary Audio (.dtshd)

Miscellaneous:

- Accepts Broadcast WAV and WAV files
- Time code rates: 23.976, 24, 25, 29.97 Drop and Non Drop, 30 fps

**Stereo only is supported at this sample rate

DTS–HD StreamTools[™]:

DTS–HD[™] File Information and Verification

- Timecode Restripe
- Trim, Split, Append and Join/Replace editing functions for .dtshd files
- PBR Analysis with data rate graphing and .dtspr data file generation

DTS–HD StreamPlayer[™]:

Decoder:

- Stand–alone player compatible with ASIO/CoreAudio devices
- Decodes and plays back .dtshd and .cpt files, as well as .wav files for DTS Music Disc
- SMPTE timecode display with synchronization to QuickTime
- Full Screen Mode for Video
- File attribute display
- Level meters
- Speaker output display with individual channel Solo and UnSolo All
- Emulate any Consumer systems playback setup:
 - Downmix monitoring (ES Discrete/Matrix, 5.1 and Stereo)
 - DTS[™] Core monitoring (DTS-ES, DTS 96/24)
 - Speaker remapping supports multiple 7.1 and 6.1 speaker configurations
- Includes Secondary/Sub-Audio playback and mixing of Primary/Secondary Audio
- Real-time display of Primary/Secondary Audio mixing metadata with faders
- Editable Primary Audio playlist for comparing multiple encodings
- Batch Decode to PCM
- Assignable In/Out Points and Loop Mode
- Transport Keyboard Shortcuts
- Assignable Channel Outputs

SoundCode* DTS–HD StreamPlayer[™] — Decoding Pro Tools Plug–in (Released with V1.0/V1.1) **www.neyrinck.com**

- Includes both RTAS (real–time) and Audio Suite plug–ins
- Compatible with Pro Tools HD and Pro Tools LE version 7.0 and above
- Decodes and plays back .dtshd and .cpt files locked to the Pro Tools transport
- SMPTE timecode display
- Can be synchronized to QuickTime or external video decks (requires Sync I/O)
- File attribute display
- Level meters
- Downmix monitoring (5.1 and Stereo)
- DTS[™] Core monitoring
- 7.1 speaker remapping supports multiple speaker configurations
- Audio Suite version decodes to PCM audio

*The SoundCode DTS–HD StreamPlayer[™] is no longer included within the DTS–HD Master Audio Suite[™],

but is sold individually through www.neyrinck.com. Please visit www.neyrinck.com for further details.

System Requirements

MAS V1.6:

Mac Intel OS X

- Intel Core 2 Duo recommended, running at 2.2GHz or higher
- 2 GB RAM; 4 GB RAM recommended, a USB port for dongle
- 32-bit Java supported
- External 7200 RPM FireWire drive for DTS-HD StreamPlayerTM playback recommended, separate drives for audio and video would be best. Video interface should be able to show QuickTime video at desired size and frame rate.

Windows XP SP2

- Dual Core Processor, running at 2.4 GHz or higher
- Minimum 2 GB RAM; 4GB RAM recommended, a USB port for dongle
- 32-bit Java supported
- External 7200 RPM FireWire drive for DTS-HD StreamPlayerTM playback recommended, separate drives for audio and video would be best. Video interface should be able to show QuickTime video at desired size and frame rate.

Platform Support

The current V1.6 release is for Windows XP and Mac Intel only.

Mac OS X on Intel: Current Version 1.6

- DTS-HD EncoderTM – version 1.6
- DTS-HD StreamToolsTM – version 1.6
- DTS-HD StreamPlayerTM – version 2.0

Windows XP SP2: Current Version 1.6

- DTS-HD EncoderTM – version 1.6
- DTS-HD StreamToolsTM – version 1.6
- DTS-HD StreamPlayerTM – version 2.0

For further assistance with Pro Audio related products, please contact proaudioinfo@dts.com.