

# Compression Master 3.2



www.popwire.com

Mac OS X

**"Popwire provides the freedom to choose the context for your services."**

**Compression Master 3.2 is the application for the professional media producer who requires simplicity and reliability without sacrificing any choices. Compression Master enables you to produce content for DVD, Internet, broadcasting, mobile phones, portable video players, music services or any other type of media.**

## Video Encoding for the Mac

With Compression Master from Popwire Technology the reliability and speed of server based video encoding is brought to the desktop. With its extensive format support Compression Master converts to and from all common formats such as MPEG-2, MPEG-4, QuickTime, DV, H.264, 3GPP, Flash, Windows and Real Media for anything from satellite- and web broadcasting, DVD authoring to the video enabled iPod and 3G Mobile Phones.

## When Hobby-Level Isn't Enough

When you produce media in a professional environment, to many media outputs from many media inputs its not very efficient to open, encode and save lots of files one file at a time. Compression Master takes care of this for you, making you more productive and enables you to focus on making your media files look and sound good and to be delivered on time.

Start from 80+ supplied templates, or create your own settings from scratch. Group your settings together, drop a group of encoding settings onto multiple content files and watch as Compression Master produces the requested output media in one swift operation without getting in your face.

Compression Master is built for experts of media mastering who want to focus their skills on mastering, not on repetitive tasks. It's built for you.

**Download your free demo from [www.popwire.com](http://www.popwire.com) today, and discover the difference!**

## Lightning Fast Codecs

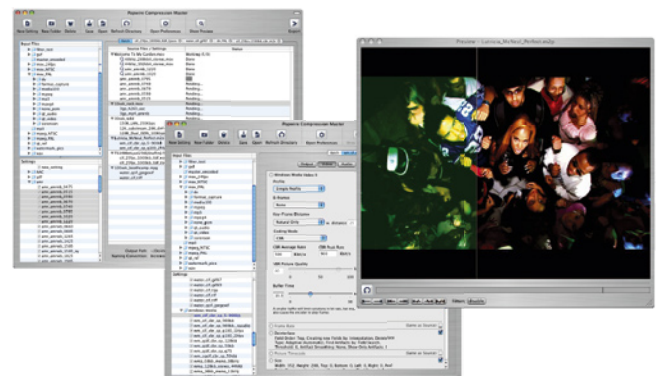
Developed from scratch in native Mac OS X code, leveraging years of expertise in video and audio processing, Popwire Technology's codecs are blazingly fast while delivering unsurpassed quality. Additionally, these codecs give you access to over 45 media formats such as MPEG-2, MPEG-4, DV, QuickTime, H.264, 3GPP and native Mac OS X encoding of Windows and Real Media.

## Best-of-Breed Quality Filters and Results

Native YCbCr processing together with innovative pre-processing such as Popwire Technology's deinterlacing with edge detection interpolation, three-level noise reduction, frame rate filter that enables true inverse telecine, as well as conversion between NTSC, PAL, film, HD to SD, guarantees that you get the highest possible quality. From broadcast media to the Internet or the 3G mobile phone, the results are perfect and you can't get this from anyone but Popwire Technology.

## Integration With Optional Server Back-End

Compression Master has a strong integration with Popwire's Compression Engine, for an even more improved workflow within the workgroup. Export your settings from Compression Master and set up watch folders on the server side, then just drop the source content in the watch folders to have it automatically repurposed and processed.



\* Video: Lutricia McNeal - Perfect Love.  
Polygram Records with courtesy of Patric Ullaeus, Revolver Film.

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## Features

Batch: processes in the background; save multiple batches; prioritize encoding and add files and settings to the batch while running; job editing; create MBR jobs; set CPU priority and memory usage; create bookmarks to source folders; copy and paste settings onto multiple sources.

HD support

Support for video enabled iPod

Support for Sony Playstation Portable (PSP)

Multiprocessor support

Native YCbCr (YUV) and RGB processing

Settings manager

Metadata support

More than 80 professional setting templates

Automatic and configurable naming convention of output files

Support for pass-through of tracks (copy)

Automatic optimizing of color conversion

Hinting (streaming) according to IETF, ISMA and 3GPP

Drag-and-drop support

Automatic input format detection: video codec, audio codec, color sampling, frame rate, pixel aspect, audio sampling

2-pass encoding

Support for Time Code

Preview: A/B comparison, auto-update

Preview: A/B comparison, auto-update

## Filter

Frame rate conversion: 3:2 pulldown, 2:3 pulldown, intelecine, NTSC to/from PAL

Deinterlace: blending, adaptive, edge detection interpolation, chroma

Resize: scale fields independently, crop, save crop area, pixel aspect ratio detection

In and out points.

Time Code: read TC track, burn TC in picture, create TC track

Noise reduction: median, average, temporal, support for multiple runs

Black and White Restoration

Contrast

Smoothing

Gamma correction

HSV: Hue, Saturation, Brightness (value)

RGB filter

Audio: balance, channels, high/low pass, fade in and out

Audio volume: normalize, manual adjust

Audio equalizer

Sharpening

Watermark: PiP (Picture in Picture), apply a movie as watermark, GIF, TIFF, BMP, JPEG, alpha channel, opacity, positioning, scaling and cropping of watermark source

Fade: video in/out, audio in/out

## Input Formats

**MPEG1** (muxed)

**MPEG2** (transport, program, elementary)

**MPEG4** (.mp4)

**DV** (.dv Stream)

- DV 25
- DVCPPro 25
- DVCPPro 50

**.mov** \*

- MJPEG
- RAW (none)
- Targa Cine YUV
- AVID
- DV
- DVCPPro
- MPEG4
- Blackmagic 8-bit, 10-bit
- AAC
- Sorenson Video 1, 2, 3
- MEDIA 100
- Pixlet
- Apple Intermediate Format
- Qdesign
- QT Reference files
- Animation
- PCM
- and more...

**Windows Media 9**

- WMA
- WMV
- Downsample of 5.1 Audio to Stereo

**AVI**

- wRAW
- PCM
- DV
- MJPEG

**3GPP / 3GPP2**

- MPEG4
- H.263
- AAC
- AMR NB
- QCELP
- EVRC

**WAV**

**MP3**

**GXF**

## Output Formats

**MPEG1** (.mpg)

**MPEG2** (.mpg, .m2v)

**MPEG4** (.mp4)

**.mov** \*

- MJPEG
- YCbCr (YUV)
- MPEG4
- Targa Cine YUV
- H.263
- H.264
- Blackmagic 8-bit, 10-bit
- DV
- DVCPRO
- PCM
- AAC, HE-AAC
- AMR NB
- MP3
- and more...

**Windows Media 9**

- WMA
- WMV
- Intelstream MBR

**RealMedia**

- Real Video 8, 9, 10
- Real Audio 8, 9, 10

**DV** (.dv Stream)

- DV 25
- DVCPPro 25
- DVCPPro 50 AVI
- RGB
- MJPEG
- DV
- PCM

**3GPP and 3GPP2**

- MPEG4
- H.263
- AAC
- AMR NB
- QCELP
- EVRC

**.amc**

- MPEG4
- QCELP

• Restricted distribution

**Flash Video**

**WAV**

**M4A**

**AIFF**

\* Additional support via QuickTime.

*New input and output formats are added on a regular basis. Please visit [www.popwire.com](http://www.popwire.com) for the latest news and updates.*

## Minimum System Requirements

PowerPC G4 or G5

512 MB RAM (1 GB RAM for HD)

Mac OS X 10.3.x or later

QuickTime 7

## About Popwire

Popwire delivers Industrial Strength Media Coding Solutions to the professional media industry. Popwire's Media Coding Suite simplifies the process of multiple format encoding and transcoding. Our customer include TV production companies, content aggregators, internet service providers and wireless operators. Popwire is able to deliver state-of-the-art coding solutions that save time and money for digital media producers.