

# MPEG Frame

## A Simple DVD SP Helper

**MPEG** Frame is a simple drop-on application that will take one or more MPEG-2 files, set the progressive frame flag for each picture and give them correct and consistent time code information.

DVD players use the progressive frame indicator to control the way that output video is presented, particularly on those with progressive output capability.

This DVD SP Helper is useful if the progressive frame indicator has not been set appropriately in an MPEG video file. This is the case when you encode progressive video with the Apple QuickTime export component which does not have a progressive output option.

The original source video for the MPEG files must be in progressive form for this operation to be successful.

If you apply this to an MPEG file that is not really progressive format, you may see interlace artifacts on progressive playback devices. Beware.

MPEG Frame, like other MPEG Append tools, transfers markers originating in Final Cut Pro and encoded with compatible encoders then adds new markers at the junction of files. These markers will appear, pre-placed, when you use the asset in DVD Studio Pro.

You can choose to have the output file use Non-drop Frame timecode, or whatever timecode the first file uses using the pop-up at the bottom of the 'Save As' dialog.

For almost all cases, the default Drop Frame timecode is preferred because it avoids a persistent bug in DVD Studio Pro which causes audio synchronization problems during preview.

However, if you are using subtitles with markers in your authoring you may encounter another DVD Studio Pro bug which causes it to generate errors indicating that the subtitles cross a marker point when

**For a detailed description of the options and general behavior of this and other applications based on MPEG Append, see the MPEG Append documentation.**

### Quick Start:

Choose the first file to convert, for example "MudPie.m2v"

If you want to append additional files, rename each of those additional files the same as the first with a numeric suffix, like "MudPie.m2v.1" and put them in a folder with the first.

So a Finder list will contain:

MudPie.m2v, MudPie.m2v.1, MudPie.m2v.2, MudPie.m2v.3 etc.

Drag MudPie.m2v onto the MPEG Frame application.

Specify a file name and location. Click Save.

When it is done, you will have one large file with the progressive frame attribute set and continuous timecode.

Drop Frame timecode is used. You can avoid this problem by using Non-drop Frame timecode (but your audio may seem to be out of sync).

MPEG Frame is based on MPEG Append, another DVD SP Helper. For detailed information refer to the MPEG Append documentation.

### Cautions

MPEG Frame makes the bold assumption that you have some idea what you are doing (boy, does that simplify the programming).

If you give it a collection of files that are named appropriately, it will process them.

If you supply a combination of spreadsheet files, application files and your laundry list, you will not get anything useful on the output. But MPEG Frame will happily do it for you.