



# ZAP – S.F. FILM CENTRE

## DIGITAL DIRECT SCREENING FILE SPECIFICATIONS

(rev. Aug 2013)

ZAP  
ZOETROPE  
AUBRY  
PRODUCTIONS  
SAN FRANCISCO  
FILM CENTRE  
39 MESA STREET,  
PRODUCTION SUITE ONE  
THE PRESIDIO  
SAN FRANCISCO,  
CA 94129  
T: 415 788 7900  
F: 415 788 7901  
WWW.ZAP-SF.COM

At ZAP, QuickTime ProRes files can be screened directly from hard drive.

Clients can send us QuickTime export files on portable Firewire hard drives which we copy to our Media Player. To reduce copy time, be sure to send us your clearly labeled hard drive with your ONE desired QT file in a folder named "FOR ZAP."

The technical requirements for the file itself are VERY specific and must be adhered to precisely. If you have difficulty understanding or meeting these specifications, we can support you by phone. If necessary, we can convert your flattened QuickTime or Avid or Final Cut sequence to the correct specs at ZAP for an additional charge.

**CODEC:** Apple ProRes 422, Apple ProRes 422 (HQ), Apple ProRes 422 (LT), Apple ProRes 422 (Proxy)

### FRAME RATES:

- NTSC 29.97 (60i), PAL 25 (50i)
- HD Frame Rates: 23.98 FPS (aka 24P), 25 (50i), 29.97 (60i)

### FRAME SIZES:

- NTSC 720 x 486 (note: must be full 601 size 720 x 486, **NOT 720 x 480**.)
- PAL: 720 x 576
- HD: 1920 x 1080 or 1280 x 720

### AUDIO:

**General:** As part of the QuickTime file, audio must be PCM uncompressed 48 kHz 24-bit. **NOT 16-bit.** Our projection room has cinema style Dolby sound processing equipment. We can screen your film in simple Dolby Stereo (Left, Center, Right, Surround) which is used for temp mixes, LtRt's, or basic mono sound. OR we can screen final-mixed films with their discrete 5.1 sound mix.

**2-Channel LtRt** (to be decoded in the theater to LCRS Dolby matrix stereo aka Dolby Surround, Dolby Pro Logic).

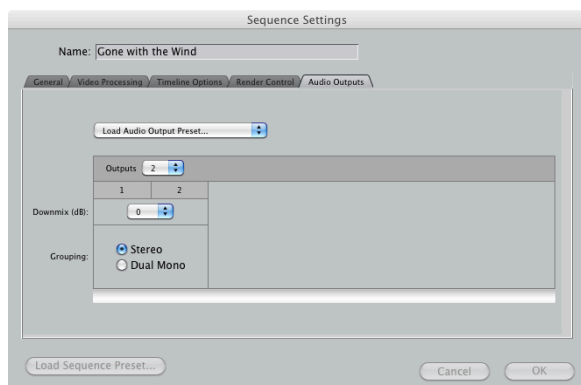
Export settings from your *Final Cut Pro Sequence*: [Sequence settings][audio outputs] must specify **ONLY 2 outputs**.

(Note: this is independent of the number of tracks in your sequence and it must be confirmed before you export.) See 2-channel inset below.

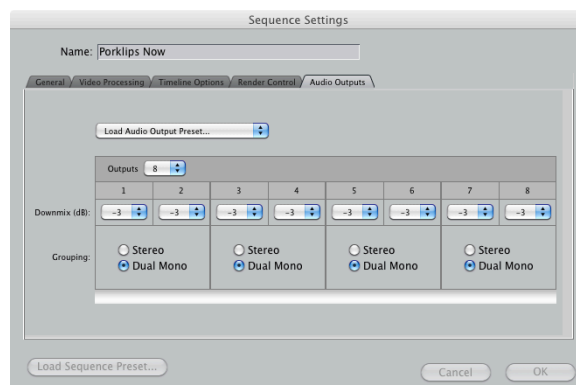
**5.1 Channel Discreet** (also known as Dolby Digital, or Dolby 5.1)

Export settings from *Final Cut Pro Sequence* : The sequence settings/audio outputs must specify **EXACTLY 8 outputs**.

(Note: this is independent of the number of tracks in your sequence and must be confirmed before you export.) Please follow the SMPTE speaker mapping spec: 1=L, 2=R, 3=C, 4=Sub, 5=Sur(l), 6=Sur(r). See 5.1 inset below.



**2-CHANNEL LtRt STEREO**



**5.1 STEREO (6-CHANNEL DISCREET)**