

BENDING THE SPACE-TIME CONTINUUM

Simply the finest program retiming and slow motion conversion solution

Features

- Adjust run time of file-based assets with no perceivable difference in playback quality
- Smooth-looking video leverages Cinnafilm's patented, 6th generation, motion-compensated algorithms to create optimized frames. No dropped frames or blended frames avoids stuttering, jumping pans, and jitter during playback.
- Skywalker Sound™ Tools audio processing provides automatic loudness adjustment and pitch correction that maintains sync with all speed-adjusted video segments and associated captions. Invoking downmixing and audio channel remapping, at the same time the audio is processed for pitch and length, enables optimal total workflow efficiency.
- Use global settings or create a segmented cut sheet for precise control
- Scene-by-scene creative adjustment and on-the-fly recalculation for total target length

Specifications

- Video, audio, and caption retiming up to $\pm 20\%$.
Picture only: $\pm 50\%$ ramp up/ $\pm 300\%$ ramp down
- Resolution / frame rate support
 - Spatial: PAL, NTSC, 720p, 1080i, 1080p, 2K, 4K(UHD)
 - Frame Rate: 23.976p, 24p, 25p, 29.97p, 25i, 29.97i, 50p, 60p
- Color: up to 16-bit 4:4:4
- Multi-function, single render processing pipeline

Retime Methods:

- Retime entire clip with single global setting
- Retime scenes / segments with explicit settings
- Retime based on timecode range
- Automatic adjustment of closed-captions for the new run length
- Super Slow Motion from 50 field and 59.94 field assets (up to 900%)
- Ignore (hold) segment
- Exclude (remove) segment
- Automatically "fit-to-fill" segment (to meet the target asset duration)
- Detect-and-pass "black/silence" slug