



TECH NOTE
Super Edit™ Version 8.4B and later

Sierra Design Labs Quickframe

The Sierra Design Labs *Quickframe* is a disk-based VTR emulator with both a Sony BVW-like interface and a SMPTE-style interface. Due to currently unresolved issues with the SMPTE-like interface, Editware supports only the Sony-style interface.

This interface supports several advanced disk-emulator features. These features include instant search to target timecode and pre-rolls shorter than a typical VTR.

Control:	Direct
Cable Requirements:	Black Reference or BARS to REF IN
Edit Frame Accuracy:	98% of edits are frame accurate if machine are timed to VPE recommendations and Editor QC is set to 1 or greater.
Edit Timing Accuracy:	Nominal with current VTR software. The Editor can adjust IN and OUT times.
Audio Track Selection:	A1, A2, A3 and A4 are supported in the protocol. The SDL Advanced Audio unit control edit interface is still under development by SDL.
Sync Control Reference:	Time Code
Alt TC Ref Selection:	Time Code and Tape Timer.
Motion Control Functions:	Jog: Approximately 2 frames per revolution of jogger knob. Var: From -100% to +200% of play speed from editor control. Shuttle: Approximately -50x to +50x play speed.

Programmed Motion: [SLOW] key: Learn current variable speed into [SLOW] key with [SHIFT][SLOW].
Slo-Mo Match: Yes.
Fill: Yes.

Program motion provides higher resolution near play speed through program Play. The standard 1% increment using Program Play is available from 85% through 115% range of play speeds with PEGs.

E-E Preview Performance: Use standard single monitor preview VTR. VTR allows E-E operation for source switching in all transport modes.

Embedded Firmware Level: 7.32 02/13/99 as tested.

NOTE This level firmware has a potential lock-up at the end of recording issue that SDL has resolved. Contact SDL for the latest firmware revision.

The firmware revision is viewable from the setup/Config 2 menu.

Super Edit Software: V8.4b or later.

Quickframe Menu Settings:

Setup/Config 1:

Video Ref: Src (Per SDL, contact SDL for latest setting preference).

Setup/Config 2:

Field/Frame Lock F1/Frame Lock F2: set to Frame Lock F1.

Play Delay: 012

Record Delay: 006

Setup/Config 3:

Drop Frame off/on Auto (Ensure is in Auto mode).

Interpolator: Off.

Setup/Config 4:

422: Enabled

422 Protocol: Sony.

SuperEdit settings to minimize Preroll time:

If the SuperEdit QC for the SDL device is set to 1, a minimum preroll of 60 frames can be used. For a “normal” QC setting of 3, a minimum of 90 frames can be used. A longer preroll setting may be required for the VTRs involved in the edit, however.