EASTMAN
KEYKODE™ Numbers

Guide to Film and Video Postproduction

Film and Video Postproduction with EASTMAN KEYKODE™ Numbers

Machine-readable Eastman Keykode numbers are being used worldwide to save time and improve accuracy in both film and video postproduction.

This chart shows typical paths for posting in film, video or a combination of both. Procedures may vary depending upon specific practices followed by various postproduction houses.

Whatever route you choose, begin by shooting on Eastman film with Keykode numbers.

Create KEYKODE Numbers Log
Once the negative is processed, log the head and tail Keykode numbers for each camera roll or selected negative to be transferred or printed. An option is to create the Keykode numbers log from uncut film dailies.

Save considerable time and eliminate errors by logging with a barcode reader and computer software program for Keykode numbers.

For video editing, the Keykode numbers log can also be created during telecine transfer.

Generate Database
A film footage encoder/time code generator, connected to the telecine, outputs a **data file** with the information needed for a PC to create a *Keykode*/time code database on all film and sound transferred.

Edit Film
Log edited workprint with a barcode reader on the bench or on an editing machine. Use a computer with appropriate software to record each cut point automatically, creating a frame accurate Keykode numbers log for film or video conforming later.
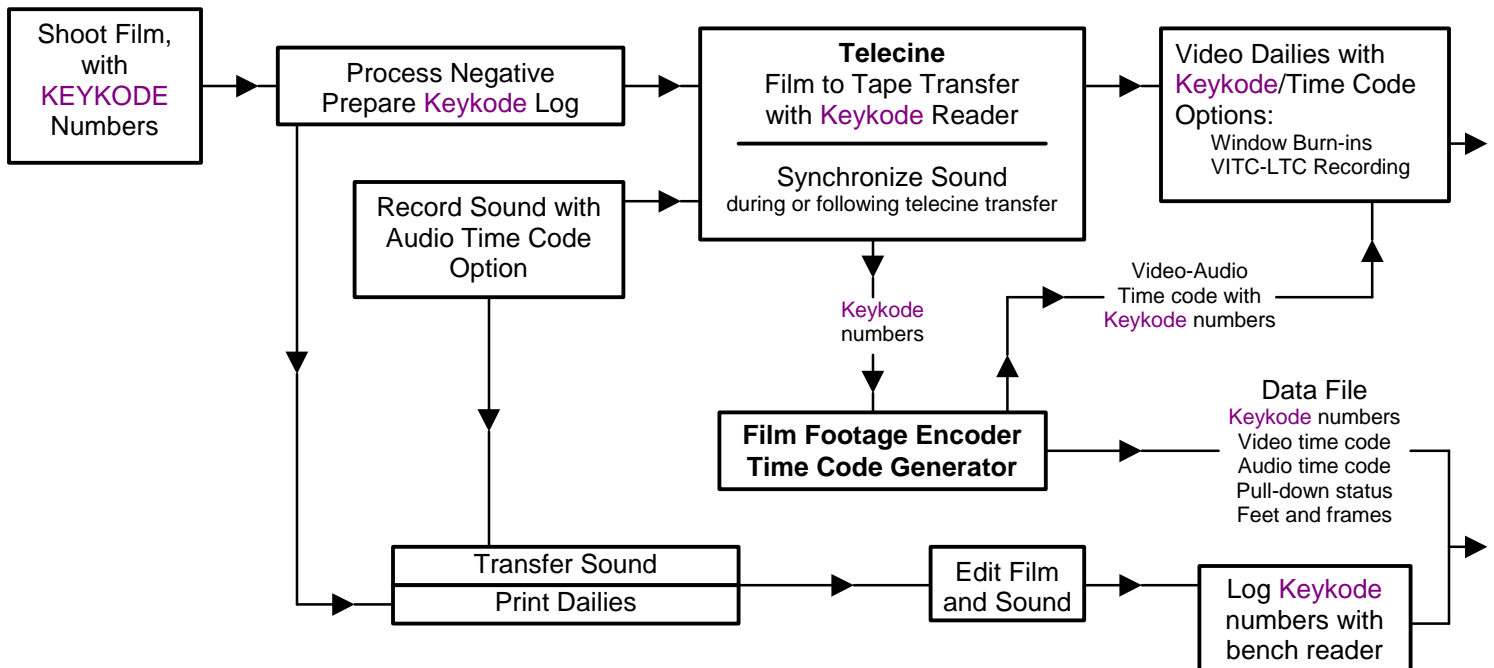
Film and Video Postproduction with EASTMAN KEYKODE™ Numbers

Off-line Edit

Some off-line video editing systems accept direct input of the *Keykode*/time code database created during telecine transfer-eliminating time-consuming, error-prone manual entries. Such systems produce edit decision lists (EDLs) based on both time code and Keykode numbers.

If you use a video editing system that provides EDLs referenced to time code only, the computer correlates the EDL with the *Keykode*/time code database created during telecine transfer.
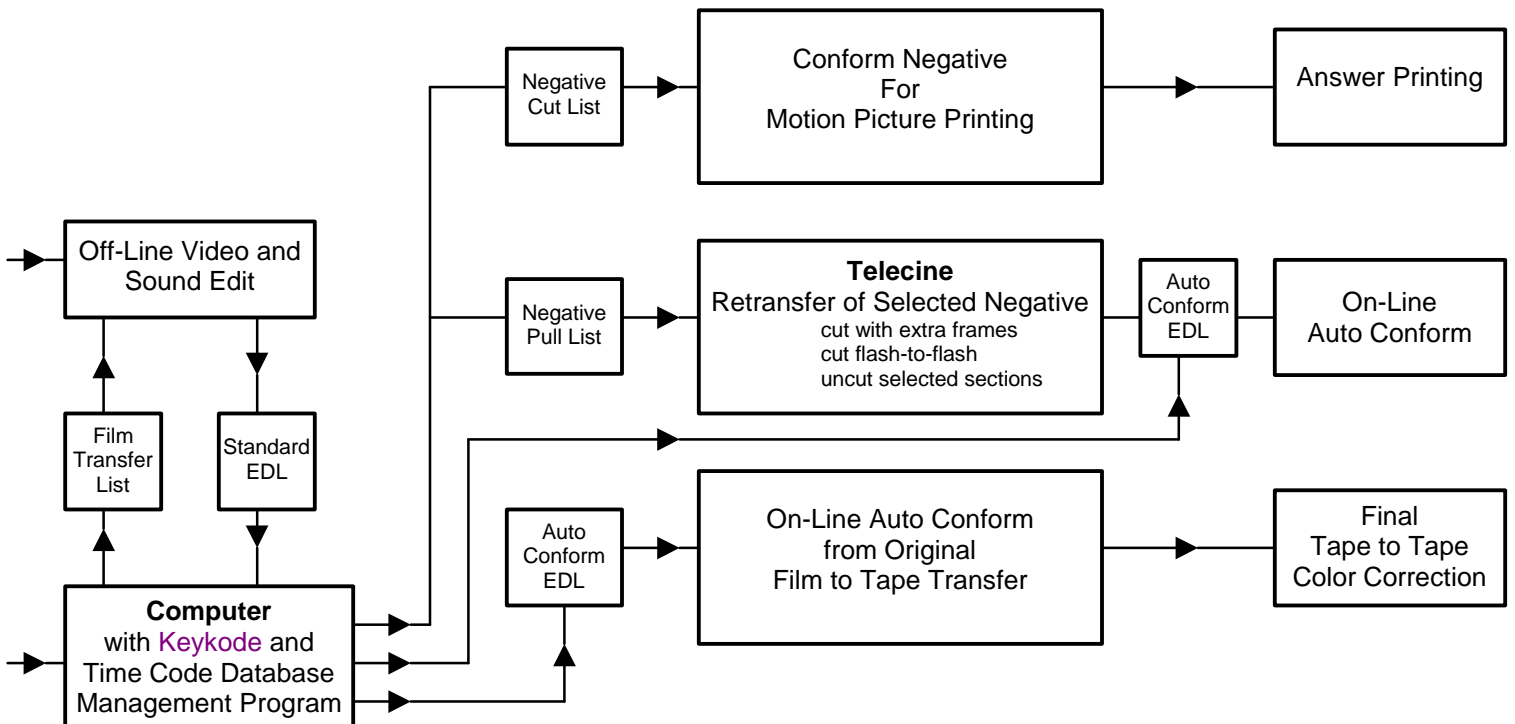
Negative Lists

Working from either a film edit list or a video EDL, the computer instantly provides a frame accurate **negative cut list**, a **negative pull list** with designated extra frames or an **auto conform EDL.**

Negative Assembly

Since the negative cutter is given a list with the exact location and scene order of each shot within the original negative rolls, footage can be accessed with minimum film handling.

Telecine Retransfer

During retransfer of select rolls, a new time code is usually generated. The computer correlates this code with the original time code and the corresponding Keykode numbers. An **auto conform EDL** based on the new time code is instantly available for the on-line session.

Negative Cut List	Conform Negative For Motion Picture Printing	Answer Printing
Negative Pull List	**Telecine** Retransfer of Selected Negative cut with extra frames cut flash-to-flash uncut selected sections	Auto Conform EDL → On-Line Auto Conform
Auto Conform EDL	On-Line Auto Conform from Original Film to Tape Transfer	Final Tape to Tape Color Correction

Off-Line Video and Sound Edit — Film Transfer List — Standard EDL — **Computer** with Keykode and Time Code Database Management Program

NOTE: *Postproduction procedure for audio vary widely depending upon the type of production and individual preferences. Therefore, this guide does not address audio in detail. Comprehensive software for Keykode/time code database management correlates audio time codes, and in some programs, ink code numbers, for sound syncing options throughout postproduction.*