

VIDEO TAPE RESTORATION, REPAIR and ENHANCEMENT



Understanding Restoration and Repair

We can restore many moisture damaged video and audio tapes from mold build-up. This is done by deep cleaning the tapes with a non-destructive mold-killing fluid, scraping the off the residue in our tape cleaners (many but not all formats), and then (if needed) heat treating the video tape for up to 42 hours in our tape restoration system. Most times this process can restore mold-filled tapes. In some instances, however, the tapes are so damaged that restoration is not possible. The heat treatment system does not damage in any way the tape or the shell. As many as 20 tapes can be baked at one time for the same cost.

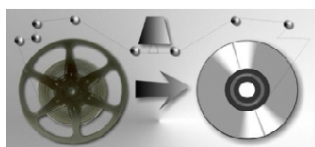
Regarding DVD file recovery: this service is usually for mini DVDs that have not been finalized and the original camera cannot be used. NEW menus (not the originals) are included in remade discs. These menus will not match the originals if there were any. The recovered DVD video files if recorded to DVD, however, will be second generation as the original files must be re-rendered when the new DVD is made. Alternately, the recovered files can simply be recorded to a hard drive with no loss in quality from the original DVD encoding.

Understanding Audio Enhancement

A transfer can be done that boosts and levels video tape audio signals and at the same time limits the peak volume. Excellent for original tapes that have low levels or mixed levels of loud and soft areas. Sweetening can be done along with noise reduction for many recordings. These services apply to both video AND audio formats.

Understanding Video Enhancement

A transfer can be done that helps crisp an old signal degraded tape. In many cases, however, the original may be SO blurred, magnetically deteriorated, warped, bio-degraded, etc., that nothing can be done to improve it. Video enhancement works well when a picture needs just a little bit to improve it. Enhancement works well in the native format (SD original, HD original, etc.). However, when attempting to up-convert (say from SD to HD), enhancement could possibly make the image worse (upresed images generally have larger pixels). The worsening effect is also attached to the compression of the format, the playback device, the monitoring system, etc. Thus, there are many variables that can affect the attempt to improve a video (or even audio) signal.



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