



AB Audio Visual
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Member, Superior Court of Los Angeles, Panel of Experts

AB Audio Visual is a member of the Panel of Experts Committee for the Criminal Division of the Superior Court for Los Angeles. Appointee Identification # A4303312. Hourly Rate: \$250.00 Engineering; \$275.00 Testimony.

AB Audio Visual specializes in audio forensics, enhancement, editing, precise transcription and expert witnessing for all legal authority.

•A word about audio forensics:

AB Audio Visual uses sophisticated audio filtering and analysis software programs that are used for audio restoration and archiving. They are perfect for the following applications:

- Rescuing problematic, poorly recorded tracks, **enhancing buried dialog**
- Reducing and/or eliminating broadband noise, including fans, external ambiance and tape hiss
- Cleaning up noisy voice, narration or telephone recordings
- Eliminating camera sound and HVAC noise from video/film soundtracks
- Filtering out line noise and ground loop hums.
- Cleaning up vinyl collections, removing the nastiest pops, clicks and scratches
- Composing precise transcriptions from illegible audio

•A word about transcribing illegible material:

Generally transcriptionists do not do detailed work with inaudible material, sometimes passing by whole words and phrases that may in fact be deciphered if taken the time and care to do so. We pride our selves in our ability of composing precise transcriptions from illegible audio. Using softwares and hardwares to *tweak* and repeat certain areas of audio may in fact result in a better understanding of what needs to be translated. When possible we work closely with the people involved, with each case, to have a better understanding of what transpires in the audio in question.

Other audio services for your legal team:

- Tape tampering and voice recognition forensics
- Audio transfers of any recording medium, to the medium of your choice, as many as you like, such as:
 - Micro cassettes
 - Audio cassettes, (normal, high bias or metal)
 - Dat tapes
 - CD's
 - Video cassettes, (8 mil. or vhs)

AB Audio Visual can advise, assist or on site record almost any live event which would require pristine audio quality. Specializing in all types of microphones, mic placements, analog/digital recording and monitoring.

If you have any more questions please feel free to call **(562) 429-1042**.
Toll Free: **1-877-AB AUDIO (1-877-222-8346)**
Or visit our web site at www.abaudio.com.

Sincerely,

Arlan Boll, President/AB Audio Visual





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Why Call On AB Audio Visual For Enhancing And Transcribing Inaudible Material?

****THE COMMITMENT***

There is a reason AB AUDIO VISUAL's team of audio forensics specialists have been on the SUPERIOR COURT OF LOS ANGELES's panel of experts list for the past five years. Gaining access to inaudible material recorded on audio/video tapes, telephone and message machine recordings, covert recordings, vinyl recordings etc. is not easy. It is slow and tedious work. Just transcribing inaudible material is virtually an impossible task with out the equipment, time, know how and ears to do so.

****THE CONTEXT***

AB AUDIO VISUAL always recommends the first generation recording of the event, whether it is stored at the LOS ANGELES POLICE DEPARTMENT SCIENTIFIC INVESTIGATION DIVISION ELECTRONICS or on a hard drive in some secluded office, AB AUDIO VISUAL will go through painstaking lengths to acquire the earliest generation possible. Copies are usually faulty at best. Machine heads are not clean, used tape is sometimes used, CDs are scratched or damaged.

Contacts with the personnel of the LAPD is a plus in this matter. Doing business with the individuals that store this material for LOS ANGELES give AB AUDIO VISUAL relatively easy access to these stored evidences. LAPD's accommodations are important in this. Working hand in hand with them for years on a regular bases improves the chance of getting the help needed in the case. An interview is then taken of the client regarding the case to get a better understanding of what is being said and what needs to be heard/found.

****THE PROCESS***

Depending on the case and the recording itself AB AUDIO VISUAL uses state of the art audio hardware and software. Filtering unwanted noise, increasing wanted audio elements, slowing or speeding up sound and tweaking, isolating or compressing the inaudible recording in question, are all parts of just some of the process. After listening with high end speaker arrays or professional headphones like putting together a puzzle, words slowly become phrases and phrases become sentences. From referring back and forth within the context of the recording one may get the best case scenario of what is being said. A meticulous undertaking becomes rewarding in the end when a client has the evidence needed in the case.

****THE TRANSCRIPT***

The transcript is creating on the hardware or software of the clients choice. Words and sentences are numbered and easy helps are used throughout to give a client assistance in filling in blanks that may come from knowing more about the case.

****THE CONCLUSION***

There is no doubt this is a science. AB AUDIO VISUAL has the ability to produce solutions in this inaudible audio problem domain. Like all sciences this is subjective in nature. With patience, the right equipment and knowing how to use it, familiarity and with sound judgment, good resolves can be determined. Rest assured AB AUDIO VISUAL is up to the task in completing the best conclusion possible for this job.

Arlan Boll/AB AUDIO VISUAL