



MARK J. SCETTA

Stellar Audio Forensics LLC

Providence, RI

401.753.3775 (mobile)

Mark@StellarAudioForensics.com

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INDEPENDENT FORENSIC AUDIO EXAMINER

Independent forensic audio examiner and experienced expert case reviewer for legal disputes since 2021, providing scientifically defensible audio clarification and file authentication for criminal, civil, and investigative matters. Bringing 25+ years in professional audio engineering and post-production (film/video, location sound, mastering, audio electronics, studio acoustics, and corporate media) to the evaluation of audio evidence. Published author of a 300-page handbook on audio post-production. Work is operator-driven, deterministic digital signal processing (spectral editing, harmonic selection, phase-aligned subtraction); no generative (AI) or reconstructive machine-learning is used in deliverable work. Preparing analyses and reports consistent with SWGDE/ASTM/ABRE standards.

QUALIFICATIONS AS EXPERT WITNESS

- Experienced in forensic audio analysis, audio clarification/enhancement, and authentication under SWGDE guidance.
- Employs structured forensic documentation, contemporaneous logging, and SWGDE-aligned chain-of-custody practices.
- Prepared to provide expert analysis and testimony in matters evaluated under Daubert and Frye.
- Retained to analyze audio evidence and prepare forensic reports in criminal, civil, and investigative matters across multiple jurisdictions.
- Current Member, High Technology Crime Investigation Association (HTCIA) #3566.
- Current Member, Audio Engineering Society (AES) #2040308.
- Current Member, ASTM International — Committee E30 on Forensic Sciences, Subcommittee E30.12 (Digital and Multimedia Evidence) #2539712.
- Government-registered vendor (UEI# JEQVS28KH9M6 / CAGE# 17LJ1).
- Completed SEAK expert-witness training course (2025).

CURRENT CAPACITY

Owner | [Stellar Audio Forensics LLC](#) (2021 – present)

Provides impartial forensic-audio examination for attorneys, investigators, and private clients, including audio clarification, authentication, and metadata verification. Work conducted in accordance with SWGDE/ASTM/ABRE guidance.

SELECTED CASE HIGHLIGHTS

PLAINTIFF / CIVIL LITIGATION

1. **Personal Injury – Bus Surveillance Audio (WA, 2025)**

Plaintiff-side forensic analysis of SEON bus surveillance and rebuttal of opposing expert under Frye/Daubert. Developed field-recording and authentication protocol. *Retained by plaintiff.*

2. **Police Use-of-Force – Gunshot Timing Analysis (CT, 2023)**

Clarified and synchronized gunshot audio across multiple video sources in a municipal police-shooting investigation. Prepared a timing analysis for use in the proceeding.. *Retained by counsel representing the victim's family.*

CRIMINAL DEFENSE

3. Assault Case with Hate-Crime Allegation – Dashcam Audio Clarification (NY, 2025)

Clarified contested speech on vehicle-mounted dashcam audio and assessed recording integrity under SWGDE-aligned procedures. *Retained by defense.*

4. Homicide Deposition – Audio Clarification (NY, 2021)

Clarified deposition audio to reveal low-level page turns and writing gestures relevant to note-taking questions. *Retained by defense.*

INDEPENDENT / INVESTIGATIVE**5. Voice Identification – 911 Call Comparison (NY, 2025)**

Performed auditory-perceptual and acoustic comparison between questioned 911 call and exemplars. Documented variability consistent with SWGDE/ABRE. *Independent retention.*

6. Recording Authentication & Provenance – 911 Calls (MA/RI, 2024)

Analyzed encoder metadata, file structure, and embedded edit history to assess source integrity and potential re-export. *Private forensic engagement.*

PRIOR PROFESSIONAL EXPERIENCE**Studio Audio Engineer (2001 – 2021)**

Twenty+ years in professional audio post-production, dialogue restoration, noise reduction, studio acoustics, and audio-equipment design—technical foundation for current forensic practice. Concurrent experience in corporate media production.

- **Audio Post-Production:** Dialogue restoration, noise reduction, spectral editing, recording, and mixing for film and broadcast (clients include The Food Network, NCAA, Spike TV, Buick, Gatorade, Bank of America, Yahoo!).
- **Studio Acoustics:** Designed reference-grade monitoring environments for audio post-production and critical listening.
- **Electronics Repair & Design:** Serviced and built tube and solid-state audio equipment.
- **Amateur Radio Operator** (FCC-licensed; Call sign KC1OUI).

PUBLICATIONS & MEDIA

Gardner's Guide to Audio Post-Production (2008) – 300+ page technical reference on applied sound engineering

TEACHING EXPERIENCE**Adjunct Faculty Instructor | New England Institute of Technology (2016)**

Taught advanced media production to college students within the Digital Media Department

EDUCATION

B.A., Film Studies (minor in Music) – Rhode Island College