

MARK J. SCETTA

Stellar Audio Forensics LLC
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StellarAudioForensics.com

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.
- No trial or deposition testimony to date.
- Retained to analyze audio evidence and prepare forensic reports in criminal, civil, and investigative matters.

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.

FORENSIC CASE EXPERIENCE

- Retained by plaintiff and defense counsel, public defenders, investigators, and private clients in civil, criminal, family law, insurance, and investigative matters.
- Civil litigation: personal injury, transit incidents, and police use-of-force. Audio clarification, synchronization of multiple audio and video sources for event timing and sequencing, and expert rebuttal of opposing audio experts.
- Criminal defense: clarification of contested speech, recording-integrity assessment, and review of deposition recordings.
- Family law and insurance: clarification and authentication of recordings in family law disputes and insurance claims.
- Authentication: file authentication and provenance review, including metadata, encoder and container analysis, file structure, edit history, re-export and transcoding indicators, and electric network frequency (ENF) review.
- Sound comparison: acoustic comparison of questioned recordings against exemplar recordings.
- Recording sources: emergency (911) call recordings, CCTV and DVR surveillance, transit-vehicle surveillance, vehicle dashcams, home security and doorbell cameras, smartphone audio and video, screen recordings, multi-camera video, and deposition recordings.
- Methods and documentation: speech intelligibility enhancement, noise reduction, spectral editing, clipping and digital-silence analysis, hash verification, chain-of-custody documentation, contemporaneous notes, oral findings, and formal expert reports.

PROFESSIONAL MEMBERSHIPS & REGISTRATIONS

- 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.
- Current Member, Massachusetts Paralegal Association (MPA).
- Current Member, National Federation of Paralegal Associations (NFPA), through MPA #83310279.
- Sustaining Member, Paralegal Association of New Hampshire (PANH).
- Government-registered vendor (UEI# JEQVS28KH9M6 / CAGE# 17LJ1).

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 (2007) – 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

CONTINUING EDUCATION

- Interviewing, Communicating, and Observing (one-day training), ASIS International Boston Chapter, presented by MPI at MITRE Corporation, October 2026.
- AI in Modern Digital Investigations (one-hour webinar), High Technology Crime Investigation Association (HTCIA), September 2026.
- SEAK expert witness training, 2025-26.