

DAVID CHITTY

Systems Integration Engineer | Networked AV Specialist

PROFESSIONAL PROFILE

A highly technical Systems Integration Engineer with over a decade of experience across professional AV, sound, and lighting environments. Specialist in **Networked Audio Infrastructure (Dante Level 2)** and **PFI-standard educational installations**. Proven track record in commissioning complex systems, executing high-stakes project sign-offs, and managing rigorous Health & Safety compliance (RAMS). Combines deep engineering expertise with advanced technical SEO and digital strategy to drive business visibility and system performance.

CORE TECHNICAL COMPETENCIES

- **Networked AV:** Dante Level 2 Certified, IP Addressing, VLAN Configuration, Signal Flow Optimization.
 - **Systems Integration:** PFI-standard Installs, Component Integration, Commissioning, Hardware Debugging.
 - **Live Infrastructure:** Front of House (FOH) Engineering, Lighting Programming (Avolites), Stage Management.
 - **Compliance & Safety:** Site-specific RAMS, PAT Testing, FAA Level 3 First Aid, Laser & Pyrotechnic Safety.
 - **Digital Strategy:** Technical SEO Development, Web Maintenance, Adobe Creative Suite, CRM Management.
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PROFESSIONAL EXPERIENCE

Sound and Lighting Engineer | EES Showhire *May 2025 – Present*

- **Pimkiary commissioning role** for professional AV installations, specializing in high-compliance **PFI-standard educational environments**.
- Directly responsible for **System Commissioning**, including Dante networked audio routing and hardware/software fault finding.
- Manage end-to-end **Health & Safety compliance**

- Execute **Technical SEO strategies** and web maintenance, significantly increasing organic reach and digital lead generation.
- Maintain equipment integrity through **PAT testing**, component repair, and servicing of professional-grade hardware.

Freelance Sound & Lighting Engineer | Self-Employed 20+ years

- **Stage management and Technical Venue management/Lead** For festivals and venue based events.
- **Primary Technical Liaison** for both commercial, corporate, and bespoke clients and events.
- **Digital & Analog Live and Studio Experience** as lead engineer in various on-location and studio based environments

Occupational Health Technologist (Lead) | Collingwood / Medigold Health *Aug 2019 – April 2025*

- Managed autonomous mobile clinics for industrial-scale and international clients, requiring complex logistical planning.
- Delivered **Safety-Critical screenings**, including Audiometry, Spirometry, and working-at-heights medicals.
- Utilized bespoke CRM and Occupational Health software (Eopas) for clinical data management and evidencing.

Director & Technical Manager | Chitty Industrial Groove & Metal *Jan 2018 – Aug 2019*

- Founded and managed a creative enterprise, overseeing a team of 20+ professionals and managing full business operations.
- Directed technical production, including video recording/editing, website maintenance, and networking.

In-House Technical Manager & Lighting Engineer | The Plug, Sheffield *May 2014 – Jan 2017*

- Technical lead for a premier large-capacity venue, managing all aspects of Sound and Lighting Engineering.
- Programmed complex lighting displays and visuals across multiple hardware platforms (Avolites).

EDUCATION & CERTIFICATIONS

- **Dante Certification:** Level 1 & Level 2 (Audinate)
- **B.A. (Hons) Performance Music:** York St John University
- **Health & Safety for Managers & Supervisors:** iHasco Certified
- **FAA Level 3 Award:** Emergency First Aid at Work (RQF)

- **Technical Training:** Avolites Console Training, Pyrotechnics Safety, Laser Safety
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TECHNICAL TOOLKIT

- **Software:** Adobe CS6, Dante Controller, Microsoft Office (Advanced Excel), CRM & Database packages.
 - **Hardware:** Professional P.A. Systems, Lighting Consoles, Mobile Screening Units, Network Switches.
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References available on request.