

Daniel Rush

Audio & Visual Technician



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Experienced Audio & Visual Technician with expertise in sound engineering, conferencing systems, and large-scale event production. Available for freelance or full-time roles, with a full UK driving licence and open to relocation.

Work

Freelance AV Technician (Sep 2021 - present)

- Provide technical support for organisations, events and venues such as IN2-AV, WorkCast, Co-op Online Media Conference, New Bailey, YES Bar, Hidden, and Matt & Phreds.
- Expertise in conferencing software and equipment such as Crestron, Polycom, and a range of wireless microphone systems.
- Broad and in-depth experience with networking applications such as Dante, CISCO, QSYS, AES67, and MADL.
- Regular advanced operation of lighting and sound desks such as ChamSys MagicQ, Avolites, A&H dLive, Yamaha CL/QL, and Midas.
- Setup and management of digital signage and video wall systems using platforms like BrightSign, Datapath, as well as video conferencing and streaming technologies including Extron video switching and NewTek TriCaster.

Co-op Live | Event Technician (Apr 2024 - present)

- Provide support and cover for production managers during events such as The Killers, Justin Timberlake, and UFC.
- Manage crew coordination and production scheduling processes.
- Oversee the construction of in-house TAIT and StageRight main stages, front of house and accessible platforms.
- Manage the setup of Audience Systems matrix and retractable seating according to schematics.
- Operation of D&B Audiotechnik R1 remote control, Array Calc and Noiz Calc software to configure audio across multiple zones, patch to delay racks, and program amplifiers such as the D30.
- Configure & operate Simmtronic and Stadium FX in-house arena lighting systems.
- Ensure safe loading / unloading of wagons using heavy machinery such as B2 FLT, Telehandlers & scissor lifts.

Neuron AV | Audio Technician (Nov 2022 - Jan 2024)

- Handled and set up AV equipment for venues like Blues Kitchen and Albert Hall.
- Efficiently managed inventory and equipment setup using Current RMS software, ensuring timely and accurate preparation for events.
- Programmed Powersoft amplifiers using Armonia software for various event requirements, such as delay towers and multi-loudspeaker setups.
- Contributor to the smooth execution of large events like Teletech at Bowlers Exhibition Centre, with all equipment and sound systems functioning as planned.
- Consistently ensured events proceeded without technical issues, maintaining the scheduled timeline and event specifications.

G7 Entertainment Services | Crew Chief & Lead Plant Operator (July 2021 - May 2024)

- Manage on-site crews, ensuring efficient coordination and execution of tasks across large-scale events at venues such as The Lowry Theatre, M&S Liverpool Arena, and Aviva Studios.
- Operate counterbalance forklifts and telehandlers, ensuring safe and efficient transportation of equipment and materials at large events.
- Constructed various structures and stages, employing Layher scaffolding and other truss systems.
- Demonstrated versatility and technical skill in building stages and structures.

Niche Events | Crew Chief (Feb 2021 - Present)

- Manage and oversee crews during setup and breakdown for weekly 'Makers Markets' and festivals.
- Conducted large-scale festival setups, involving stage builds and organising crowd control equipment such as Heras & MOJO.

Essential Wholefoods | Co-op Member & FLT Reach Driver (Sep 2019 - Jan 2020)

- Key member in the logistics and warehouse operations.
- Offered a 6-month probationary period leading up to becoming a full member of this food wholesale worker co-operative

Unicorn Grocery | Co-op Member & Managing Director (Sep 2013 - July 2019)

- Served as a buyer, responsible for ordering over £2000 worth of stock weekly, ensuring a consistent supply of quality products for the shop.
- Underwent financial and marketing training, applying these skills to optimise co-op operations.
- Hired and organised shifts for a pool of over 20 casual staff, managing scheduling efficiently to meet the co-op's needs.
- Managed a dry food production facility, adhering to very strict hygiene standards to ensure product quality and safety.

- Chaired meetings, facilitating effective communication and decision-making within the co-operative.

Licences & Accreditations

- Full UK Driving Licence
- FLT Counterbalance & Reach (RTITB - valid until 2025)
- Telehandler (NPORS - valid until 2026)
- Pro Tools 110
- Dante Level 3
- Dolby Atmos Essentials
- Finance for Non-finance Directors (Adelphi House, Salford)

Education

The University of Salford - BSc Sound Engineering & Production (Sep 2020 - May 2023)

- Received the award for the highest-performing student in acoustics from the University of Salford.
- Led a group project in acoustic design, focusing on room acoustics, vibration analysis, and solving practical challenges in a recording studio environment.
- Authored detailed reports in spatial audio, audio forensics, and digital signal processing, showcasing strong data analysis skills.
- Completed comprehensive studies in audio installation, emphasising sound system design with a focus on room acoustics and vibration control.
- Explored advanced acoustics topics, including Sabine's theory, RT60 measurements, reverse Schroeder method, and environmental acoustics.
- Developed a final year project using programming, creating a virtual audio exhibition space with integrated acoustic modelling.
- Gained practical experience in the Acoustic Laboratory, conducting assignments that simulated real-world acoustic scenarios.
- Studied psychoacoustics to understand the human perception of sound and its applications in acoustic engineering.
- Gained practical skills using measurement microphones, SPL metres, anechoic/semi-anechoic chambers, and software like MATLAB, Izotope RX, Dante, Max, and Pro Tools, Crestron.
- Engaged in diverse modules ranging from audio production for TV and radio to audio game design in virtual environments, enhancing digital audio recording and sound design skills.

The Manchester College - BTEC Level 3 Music Technology (Sep 2012 - May 2013)

- Focused on sound recording, creative synthesis, sampling, DAW production, mixing, and mastering techniques.
- Developed own creative projects while working alongside industry experts.

- Gained a comprehensive understanding of the music industry's functioning and operations.
- Course assessments were primarily hands-on, including live demonstrations, recording sessions, portfolio building, and group work.
- Provided a strong foundation for progressing to higher education.

Access To Music - BTEC Level 3 Music Performance & Production (Sep 2008 - May 2010)

- Developed a range of skills essential for a music career including composition, improvisation, and performance.
- Gained practical experience in music promotion and understanding of working in the music industry.
- Participated in composing music and performing live, enhancing stage presence and technical abilities.
- Engaged in activities like auditioning for music and performing to camera, building confidence and versatility.
- Collaborated on projects, learning business and organisational skills relevant to the music industry.