

CENTRALIZED PROCESSING AND SOFTWARE-BASED CONTROL

One Night Records

Q-SYS Platform Keeps the Music Playing at One Night Records

📍 London, United Kingdom

Get ready to step into a music lover's paradise. One London-based venue is reimagining the live event experience, creating a space where guests can enjoy live music in a fun and secure environment. Situated at Warden's Grove, One Night Records offers an immersive performance experience that takes place across ten different stages (and 30,000 sq ft), taking listeners on a journey through music history, one performance at a time. To complement their innovative design, they chose the [Q-SYS Platform](#), a network AV system that provides unrivaled audio DSP capabilities and software-based control, empowering event technicians to deliver exceptional productions.

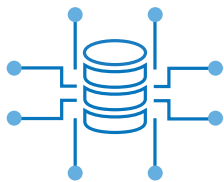


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We're blown away by its flexibility.** ”

David Bartley
Technical Events Manager, One Night Records

Challenges

Located in a former railway arch, the space presented some unique physical challenges coupled with the need for appropriate social distancing and One Night Record's tight deadline for getting the venue up and running.



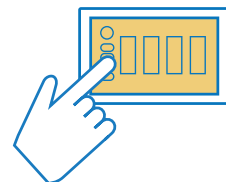
Multiple Spaces in a Single Venue

The show features ten concurrent performance areas, so One Night Records preferred to have a single AV processor that could handle the entire venue, including audio and control.



Redundancy Safeguards

The show must go on! To ensure that this could happen, One Night Records wanted additional greater safeguards to balance their desire for centralized processing.



Mobility for FOH Engineers

The Venue's production staff needed to be prepared to run soundcheck and manage the system between the different stages.



Solutions

HIRE FREQUENCIES

Integrator [Hire Frequencies](#) knew that a tight deadline meant they needed an integrated AV solution that could quickly deliver the right functionality without compromise. The Q-SYS Audio, Video and Control Platform, including Q-SYS loudspeakers, ended up being the perfect choice.

Behind the Scenes

The system is driven by redundant [Q-SYS Core 110f](#) processors, which manages the audio and control for the entire ten-stage venue. One Night Records chose to centralize the processing (rather than deploying a different processor for each stage) because it streamlines both the deployment and operation of the system. On the deployment side, less hardware means fewer interconnection points and quicker installation. But most importantly, it means that production staff only have one system to manage during any given performance, instead of a collection of systems. Additionally, the backup Q-SYS Core ensures that each show goes on without interruption. Should there be any unforeseen system failure, the backup processor will take over within seconds. Each stage also features a Dante™-enabled mixing console that was integrated with Q-SYS, via [Software-based Dante](#) feature license, which don't require any additional hardware or I/O cards.

Let's Start the Show

One Night Record's first show, "Lockdown Town", is presented across six stages, and sees musicians perform songs that span five musical eras, from Ragtime to the best of fifties Rock & Roll. Visitors move in small groups to each stage, where table service, staggered show times and socially distanced floor markers allow them to enjoy the show safely. Each performance is managed in a 15-minute time-loop using the timecode generator in Q-SYS, which automates a third-party lighting console along with the audio that plays as guests are moving between stages. Q-SYS also offers a software-based paging platform, allowing for both live and pre-recorded messages to be sent to any or all zones. When an announcement plays, music in the intended zone automatically ducks so any messages can be heard clearly. Finally, they used the [Q-SYS Scripting Engine](#) to integrate the building's fire alarm system, which will override the audio in all zones in the unlikely event of an emergency.



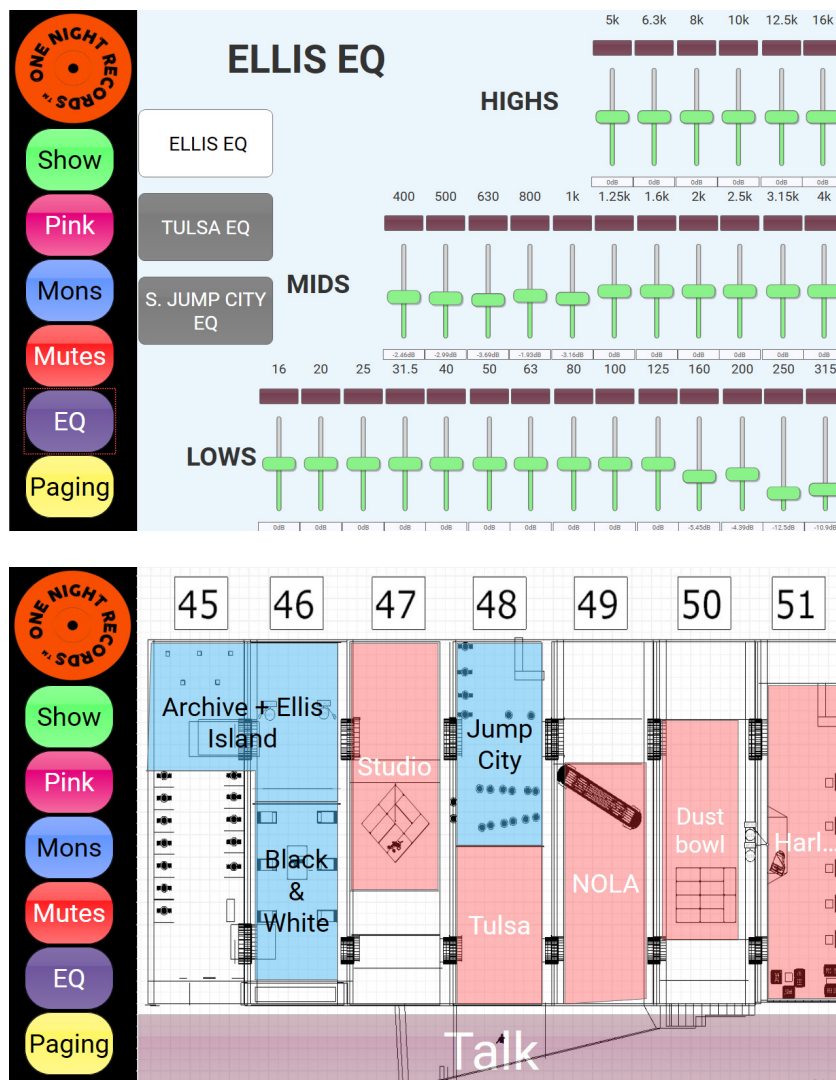
Solutions

Audio User Control

"One of the many reasons we chose Q-SYS is the control capabilities," explains Rupert de Renzy-Martin, Co-Owner/Director at Hire Frequencies. "We quite easily built a comprehensive GUI that lets show technicians control all aspects of the show from an iPad. Production staff have access to EQ, Mute, pink noise, paging and show start/stop controls for each stage, from a single GUI." The [Q-SYS UCI Deployment license](#) allows for "drag-and-drop" programming, letting integrators add controls to a touch screen without typing a line of code. This feature further enabled Hire Frequencies to expedite the deployment of the system.

The audio system is rounded out by both the Q-SYS K.2 Series and Q-SYS CP Series powered loudspeakers. Being a former railway arch, One Night Records isn't in a traditional performance space, so mounting passive loudspeakers and finding space for amplifiers would prove to be too challenging. With powered Q-SYS loudspeakers, it meant quicker deployment while providing a premium and consistent sound experience throughout the venue.

Technician UCI



Solutions

One Night Records have created opportunities for performers by re-imagining live performances, and Q-SYS has enabled each aspect of the show. “Q-SYS helped solve a number of unique challenges in getting the venue up and running,” explains David Bartley, Head of Technical at One Night Records. “We’re blown away by how flexible it is and knowing that it will continue to adapt and grow with our needs well into the future.”



Q-SYS is a globally recognized manufacturer of audio, video and control (AV&C) solutions for huddle rooms to stadiums—and everything in between. Our systems make it easy for your team to design and integrate flexible, scalable solutions and deliver the native IT integration and standards-based technology your customers expect.

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