

STAGE TECH & EFFECTS: MUSIC CONCERT

SNL Pro deployed L-Acoustics K Series for Travis Scott's Delhi show with main hangs of 12 K1 and 6 K2 per side, mirrored in outfills. 270° hangs featured 12 K1 and 10 K2 per side for full venue coverage



SNL PRO CREATES THE ULTIMATE STAGE EXPERIENCE

AUDIO, PYRO & TRUSSING FOR TRAVIS SCOTT, DELHI SHOW

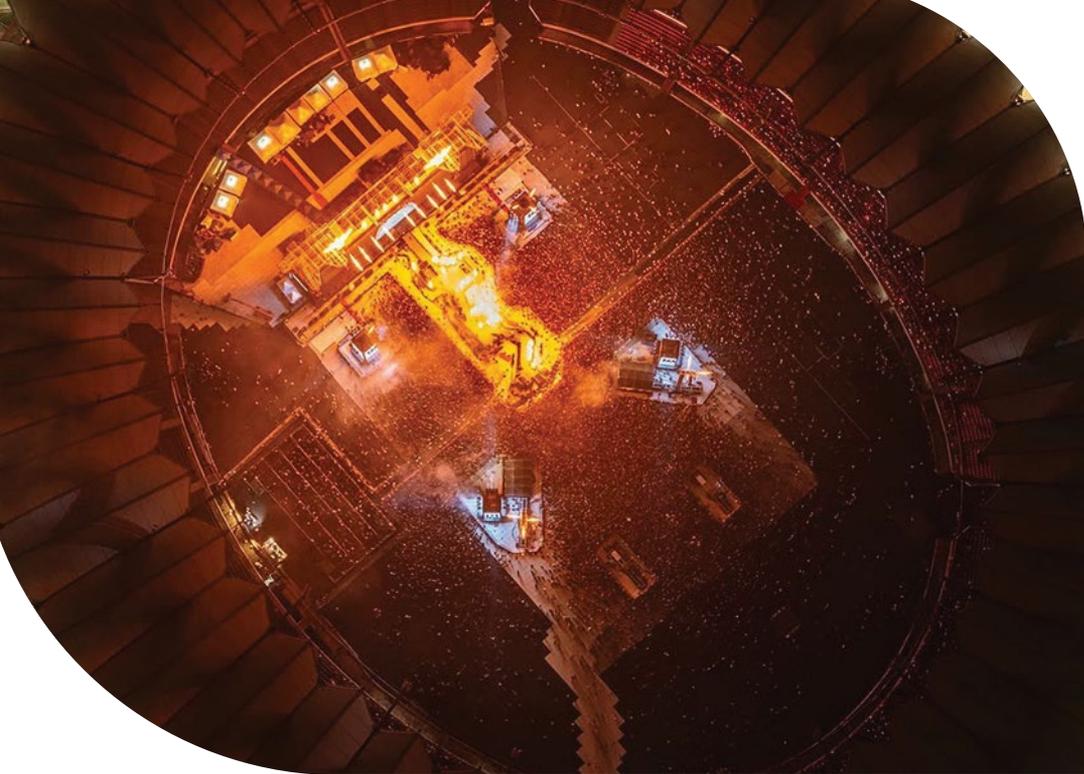
When **Travis Scott** brought his high-energy performance to New Delhi's Jawaharlal Nehru Stadium, over two nights on October 18th and 19th, the venue transformed into a sonic powerhouse, delivering an uncompromising audio experience through a L-Acoustics sound system meticulously engineered by **SNL Pro**, Mumbai, who were responsible for the complete audio design and sound system visualisation for this large-scale event. In addition to audio, **SNL Pro** also managed the trussing infrastructure and pyro effects, ensuring a seamless integration of sound, structure, and display.

PALM Expo Magazine brings you an inside look at how this audio-visual spectacle was brought to life.

System Configuration and Deployment

The project presented unique technical hurdles from the outset. The stage design featured a prominent performance ramp positioned directly in front of a massive LED screen, with the main PA system strategically integrated into this complex architecture. The challenge was clear: deliver Travis Scott's signature high-volume, bass-heavy sound while navigating these physical constraints.

The **SNL Pro** team rose to the occasion, deploying a comprehensive **L-Acoustics** inventory totalling 312 units across multiple configurations. The system architecture included **104 K1 line array elements**, **76 K2 units**, **96 KS28 subwoofers**, and **36 Kara speakers**, creating a multi-zone coverage solution that ensured consistent audio quality throughout the venue.

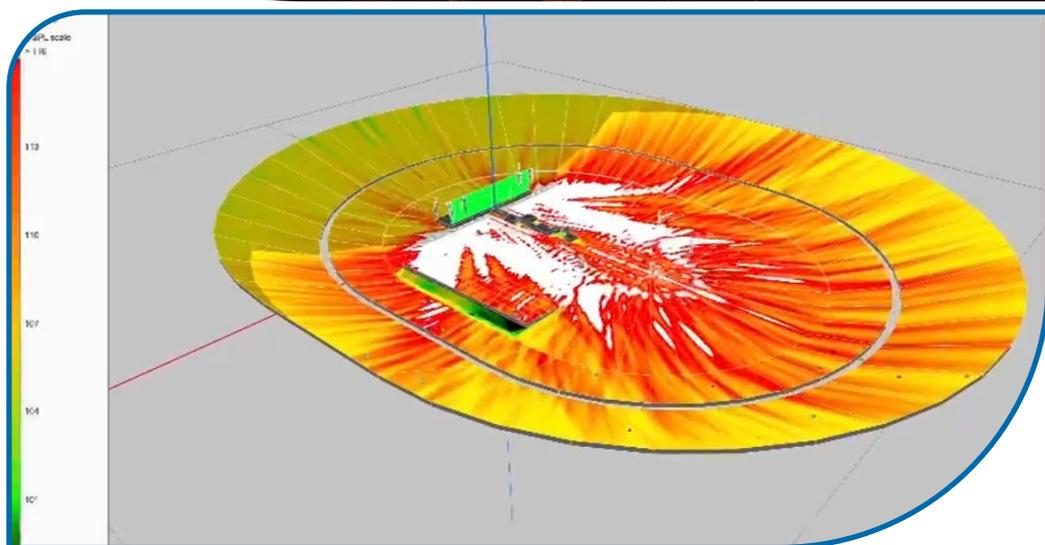


commitment to excellence and our capability to deliver international-standard productions that set new benchmarks for the Indian live entertainment industry."

Spectacular Visual Effects Integration



Beyond audio excellence, the production featured an extensive special effects package that elevated the sensory experience, executed to perfection once again by SNL Pro. The pyrotechnics and flame effects were seamlessly integrated into the performance, with 42 flame machines strategically positioned across scaffold structures, laser trusses, and performance ramps.



“Delivering a world-class audio experience for 60,000 attendees across two nights, while working within the constraints of such an intricate stage design, truly showcased our technical expertise and collaborative spirit.”

MANISH MAVANI, Director, SNL Pro

Top: SNL Pro delivered powerful audio for 60,000 fans with PA stacks from 18 positions and a robust truss framework built for ambitious effect Bottom: An acoustic simulation of the venue on L-Acoustics' Soundvision software that helped execute this project

The main hangs utilised 12 K1 units paired with 6 K2 speakers per side, while identical configurations served as outfills to extend coverage. The critical 270-degree hangs employed 12 K1 and 10 K2 units per side, ensuring comprehensive audience coverage despite the venue's challenging geometry.

Subwoofer deployment proved particularly sophisticated, with KS28 units configured in cardioid end-fire arrays across the mains and outfills (8 units per side across 4 rigs). An additional 64 ground-stacked KS28 subwoofers (with 4 subs per stack) were arranged in cardioid patterns with precise 3.5-meter separation, creating the low-frequency foundation essential for Travis Scott's music.

Front-fill coverage came from 36 Kara speakers ground-stacked atop the subwoofer arrays across 18 positions, while delay systems featuring 8 K1 and 8 K2 units per side across 4 rigs ensured temporal alignment throughout the venue.

Despite the complexities, SNL Pro successfully delivered an impactful audio experience for an audience of 60,000 attendees, effectively managing the high volume and significant low-frequency energy characteristic of Travis Scott's music.

"We are incredibly proud of our team's exceptional ability to navigate and overcome the complex logistical and technical challenges that this production presented," says **Manish Mavani**, Director – Sound & Light Professionals (SNL Pro). "Delivering a world-class audio experience for 60,000 attendees across two nights, while working within the constraints of such an intricate stage design, truly showcased our technical expertise and collaborative spirit. The successful integration of our comprehensive L-Acoustics system with the venue's unique architecture and the seamless coordination with the spectacular visual effects demonstrates what can be achieved when meticulous planning meets flawless execution. This project stands as a testament to our

The comprehensive flame and CO₂ effects inventory included 10 flame machines mounted on the top scaffold, 10 flame machines installed on the laser truss, and 22 flame systems built directly into the performance ramps (12 on Ramp A and 10 on Ramp B). Additionally, 3 large-format flame heads were placed on delay towers for dramatic vertical effects, while 32 RECOjet CO₂ jets were distributed throughout the stage area for wide, high-impact bursts. Over the two-show run, the production consumed more than 1,000 litres of flame fluid.

Pyrotechnic elements added another layer of spectacle, with 12 dedicated positions integrated into the ramps firing 515 cues per show including comets, mines, and crossettes. The effects selection prioritised low debris and minimal fallout due to the proximity to both artist and audience, while extensive pre-show testing of local products ensured consistent ignition and safe burn characteristics under Indian humidity and wind conditions.

Safety and Technical Excellence

The production's success stemmed from meticulous planning and execution across all technical disciplines. **FireOne** firing systems provided precise control over pyrotechnic cues, while comprehensive safety protocols ensured flawless execution. All effects were a mix of timecoded operation and manual firing through isolated signal paths.

Strictly crew managed all front-of-stage safety operations, continuously monitoring fallout zones and handling crowd-side fire response protocols. The SNL Pro crew maintained oversight of backstage safety throughout the production. Fire marshals and extinguishers were strategically deployed at every flame and pyro point across the venue. Multiple layers of testing, material vetting, and real-time crew supervision guaranteed safe execution despite the intensity of effects on stage, demonstrating the industry's commitment to both spectacular entertainment and uncompromising safety standards.

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