



# **PALM EXPO** **MAGAZINE**

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## **EXPO PROMOTION MAGAZINE**



# **SOUND.COM AND HARMAN REDEFINE CONCERT AUDIO FOR ENRIQUE IGLESIAS' MUMBAI COMEBACK**

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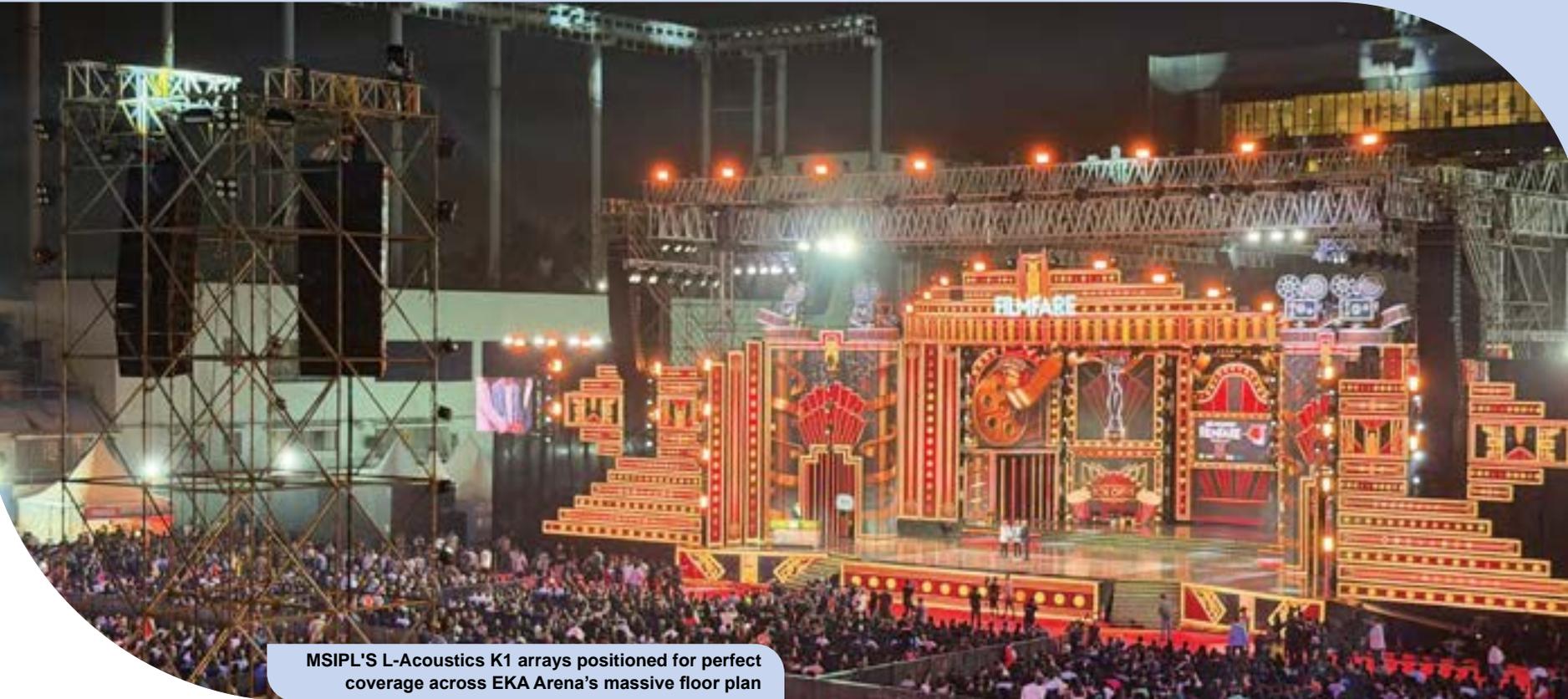


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**STAGE SOUND SPECIAL**

# Mega Sound India Powers the 70th Filmfare Awards

*Precision, Collaboration, and Sonic Brilliance Behind Bollywood's Biggest Night*



MSIPL'S L-Acoustics K1 arrays positioned for perfect coverage across EKA Arena's massive floor plan

With multi-artist acts, open aired venues with complex audience seating and more the acoustic challenges were galore, and MSIPL came through on each front.

### Taming the Arena

EKA Arena's open architecture elevated balconies, and reflective surfaces demanded strategic audio design. MSIPL countered this with four delay towers, covering a 180-degree arc of the balcony area, ensuring consistent SPL and intelligibility from the front row to the farthest seat, critical for an event where dialogue and live music shared equal billing. Setup began three days before show day, with two days for rigging and tuning, followed by rehearsals and technical run-throughs. The grand finale unfolded on October 11, 2025.

### System Design and Deployment

MSIPL implemented a three-layer signal flow: AVB as primary and secondary signal, with an analog backup running through Dante. At Front of House (FOH), dual **DiGiCo Quantum 338 consoles** were deployed in mirror mode, guaranteeing seamless failover and uninterrupted performance throughout the show. The RF Mainframe consisting **24 Shure Axient systems** and **24 Sennheiser 6000 & 2000 series** units delivered wireless performance across every zone. Distributed zoned antenna coverage ensured zero dropouts. For recording and broadcast, MSIPL deployed a **Yamaha CL5 console** in the PCR, complemented by RIO racks on a Dante network. L-Acoustics X12 and **Genelec** reference monitors were used for monitoring.

### FOH and Monitoring: Reliable Precision in Demanding Conditions

Each act had its own layout and mix setup, refined during

*When the stars descended on EKA Arena, Ahmedabad, for the 70th Filmfare Awards 2025, the spotlight wasn't solely on the silver screen icons but also on the flawless soundscape that elevated every moment of India's most celebrated film awards. Behind the scenes, the official Audio Production Partner, **Mega Sound India Pvt. Ltd. (MSIPL)** ensured that the sound deployment resulted in a booming success!*

### Crew Spotlight: The Minds Behind the Mix

A lean yet elite team of eight audio professionals executed this mammoth task:

- **Audio Director:** Siddhartha Chauhan
- **System Engineer & Project Head:** Sanjay K
- **FOH Engineer:** Ranjit Rathore
- **System Tech:** Harshal Pilare
- **Broadcast Tech:** Devendra Jethi
- **Stage Head & RF Engineer:** Shubham Bhardwaj
- **Stage Techs:** Mukul Sindhu & Samarth Bhatnagar

rehearsals for maximum consistency. Most performances relied on headset and podium microphones, supported by a redundant playback system. Monitoring was managed from FOH, with flown side fills, IEM systems, and front wedges covering a 30-metre-wide stage, ensuring performers enjoyed consistent sound coverage wherever they moved.

### Dynamic Adjustments and Special Treatments

Celebrity dance acts brought their own challenges, with playback tracks ranging from studio-grade to less polished versions. MSIPL's engineers applied surgical EQ & Dy-

namics tweaks and processing while a pre-mixed head-set and lapel microphones streamlined live adjustments, allowing only minor corrections during the show. Special attention was reserved for acts featuring wireless microphones in audience zones or performances away from the main stage.

### Integrating Audio Without Compromising Aesthetics

Filmfare is renowned for its stunning stage visuals and massive LED installations, making audio integration a delicate balancing act. MSIPL worked hand-in-hand with set designers and structural engineers from the outset, ensuring every speaker complemented the visual theme. To achieve this, a 16-meter cantilever structure was used to fly the main arrays and subwoofers at the ideal trim height, above set elements, preserving sightlines while maintaining sonic coverage. Despite rigging challenges posed by towering LED walls and complex trussing and detailed planning.

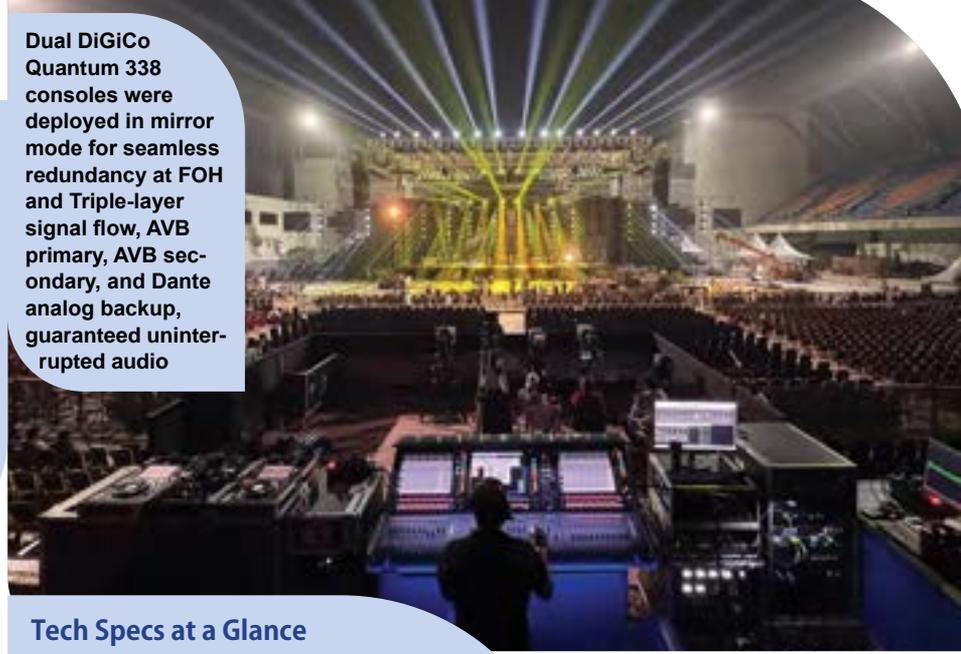
The stage's cinematic look influenced every decision. With a 32-meter mother truss spanning the set, MSIPL deployed front fills, flown arrays above the crown structure to cover centre audience zones, guaranteeing uniform sound for the audience.

The night's success was amplified by tight coordination with lighting, video, and staging vendors. Through constant communication and synchronised timelines, MSIPL ensured audio integration aligned perfectly with the visual narrative. Special thanks went to **Straightline Worldwide**, whose production management enabled seamless teamwork across departments.

### Tech Spotlight: Innovations That Set MSIPL Apart

- Triple-layer fallback system for uninterrupted audio
- Mirrored FOH consoles for seamless redundancy
- Distributed RF zones for flawless wireless coverage
- Flown subwoofers and zero ground speakers, preserving stage aesthetics

Dual DiGiCo Quantum 338 consoles were deployed in mirror mode for seamless redundancy at FOH and Triple-layer signal flow, AVB primary, AVB secondary, and Dante analog backup, guaranteed uninterrupted audio



### Tech Specs at a Glance

- Main PA:
  - 40 × L-Acoustics K1
  - 08 × K1-SB
  - 12 × K2
  - 24 × KS28
  - 18 × KARA
  - 08 × ARCS II
- Consoles:
  - FOH: Dual DiGiCo Quantum 338 (Mirror Mode)
  - Broadcast: Yamaha CL5 + RIO racks
- RF Systems:
  - 24 × Shure Axient
  - 24 × Sennheiser 6000 & 2000
- Monitoring:
  - L-Acoustics X12, Genelec Reference Monitors

### The Verdict Applause All Around

Organisers, artists, and production teams lauded MSIPL for clarity, balance, and consistency across the venue. The collaborative spirit was palpable, with every department contributing to a show that was as smooth technically as it was dazzling creatively.



# QL210

**PROUDLY MADE IN INDIA FOR THE GLOBE**



**Dual 10" Compact Line-Array Solution**