**PRESS RELEASE**

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**FOR IMMEDIATE RELEASE**

**Genelec soundtracks India’s influence on global fashion**

— 128 Genelec Smart IP loudspeakers deliver immersive content in style —

NATICK, MA, September 19, 2023 — In late March, the [Nita Mukesh Ambani Cultural Centre](https://nmacc.com/) (NMACC) opened its doors in Mumbai, India, ushering in a new era of creativity in a city renowned for its Bollywood influence. This multidisciplinary arts center boasts a 2,000-seat theatre, two intimate performance spaces and a four-story Art House. To mark its grand opening, a three-day celebration blended musicals and international art exhibitions, including "India in Fashion: The Impact of Indian Dress and Textiles on the Fashionable Imagination." This exhibition celebrated the global influence of Indian design on fashion, with the help of 128 Genelec [4430](https://www.genelec.com/4430a) [Smart IP](https://www.genelec.com/smart-ip) loudspeakers.

Overseeing the project was Mumbai-based technology and acoustic consultancy firm, [Munro](https://www.munro.co.in/). Their mission was to craft a soothing auditory landscape without compromising audio quality, while ensuring the seamless integration of the loudspeakers into the background and their continuous operation for 12 to 14 hours daily.

“We work extensively on projects where new ideas are explored for culture and entertainment,” explains Kapil Thirwani, audio and acoustic consultant at Munro. “We were called in mid-January 2023 to explore possibilities of adding an immersive sonic experience to a fashion exhibition for the NMACC launch. The concept was the influence of India and its fabrics and handiworks on the world of fashion against a backdrop of world music with subtle Indian influences, with 15 zones playing different tracks to build the soundscape.”

“India in Fashion” wove together India’s colorful relationship and influence on fashion across the globe from the 18th century to modern day, featuring the delicate and detailed garments in glass domes under spotlight. Curated by fashion journalist and Vogue editor Hamish Bowles, the exhibition explored everything from the Mughal emperors to the imperial rule that brought the country’s craftsmanship over to Europe. Throughout its two-month run, India in Fashion attracted a prestigious line-up of celebrities and influential figures from the fashion industry, including Gigi Hadid and Zendaya. Munro and Genelec were tasked with providing an ambient soundtrack to enhance this stylish journey.

“Munro is well known for its sonically excellent designs,” explains Thirwani. “If we are hired to design, we also have to keep up to the same design sense for sonic aesthetics. This led us to the Smart IP loudspeakers by Genelec. They run seamlessly off a PoE+ switch via a single CAT cable and ticked all the boxes. We verified this by comparing electroacoustic modelling simulations of similar IP speakers and analogue speakers, followed by the creation of a mini rig for a singular immersive zone which we measured to verify performance against the theoretical model. Genelec was a clear winner.”

Genelec’s Smart IP series supports PoE, AoIP and sophisticated loudspeaker management, combining exceptional audio with single cable networked convenience. Launched in 2019, their minimalist aesthetic design allows Smart IP speakers to seamlessly integrate into any project. Featuring Genelec’s trademark Minimum Diffraction Enclosure (MDE) and Directivity Control Waveguide (DCW), Smart IP loudspeakers provide clarity, intelligibility and uniform coverage, combined with 24/7 reliability.

“The Smart IP series offers outstanding sonic quality, minimum distortion and an excellent signal-to-noise ratio, all of which was important to us,” continues Thirwani. “Everything is run over a single CAT cable, which simplifies the installation massively — a crucial advantage when you’re working on a big project like this. We have a reputation for providing and designing some of the best audio solutions in India, and using Genelec allows us to maintain that reputation.”

Designed to integrate with any Smart IP loudspeaker system, Genelec’s [Smart IP Manager](https://www.genelec.com/smart-ip-manager) software allows installers to configure an almost unlimited number of rooms, loudspeakers and audio channels, and includes device discovery, room-equalization tools, system organization and status monitoring. This enables installers to deploy Smart IP loudspeakers even on complex, acoustically challenging projects.

For India in Fashion, the exhibition played with multiple immersive and stereo zones stored on two 64 channel [TiMAX](https://www.timaxspatial.com/timax) servers via the [Dante](https://www.audinate.com/meet-dante) network. These outputs were then assigned via Smart IP Manager and [Dante Controller](https://www.audinate.com/products/software/dante-controller). “Time delays and source intercorrelation data were adjusted and stored both on the Genelec and TiMAX software,” elaborates Thirwani. “The TiMAX stored the preset for the show reel and tracks and the global level variations between zones, while the Genelec sources stored the individual local information of that source in a particular zone.”

The completed project received positive feedback from both the client and industry stalwarts. India in Fashion was a hugely successful celebration of techniques, practices and centuries of India’s influential impact on global design. It featured over 30 of the world’s most celebrated designers and threaded this together with intelligent yet discrete audio from Genelec to create a truly immersive experience.

Thirwani concludes, "This was a team effort, and solutions like these require meticulous planning and execution, drawing expertise from various fronts. From conceptualization to planning and execution, the project faced challenges on site that had to be resolved before completion. I’d like to thank the team involved in the design and execution of this project: Utkarsh Naidu, Cyril Thomas, Johan Pais, and Aman Prajapati. Everyone worked incredibly hard, and the exhibition was an undeniable success."

For more information, please visit [www.genelec.com](http://www.genelec.com).

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Photo file 1: India\_in\_Fashion\_PR\_Image\_1.JPG

Photo caption 1: The India in Fashion exhibition (photo 1)

Photo file 2: India\_in\_Fashion\_PR\_Image\_2.JPG

Photo caption 2: The India in Fashion exhibition (photo 2)

Photo file 3: India\_in\_Fashion\_PR\_Image\_3.JPG

Photo caption 3: The India in Fashion exhibition (photo 3)

Photo file 4: India\_in\_Fashion\_PR\_Image\_4.JPG

Photo caption 4: The India in Fashion exhibition employed 128 Genelec 4430A Smart IP loudspeakers

PDF file: India\_in\_Fashion\_Genelec\_Case\_Study\_FINAL.pdf

PDF caption: Genelec India in Fashion case study

Genelec, the pioneer in Active Monitoring technology, is celebrating 45 years of designing and manufacturing active loudspeakers for true and accurate sound reproduction. Genelec is credited with promoting the concept of active transducer technology. Since its inception in 1978, Genelec has concentrated its efforts and resources into creating active monitors with unparalleled sonic integrity. The result is an active speaker system that has earned global acclaim for its accurate imaging, extremely high acoustic output from small enclosures, true high-fidelity with low distortion, and deep, rich bass.

Genelec is also celebrating over 15 years of its Smart Active Monitoring™ technology, which allows studio monitors to be networked, configured and calibrated for the user’s specific acoustic environment. Each Smart Active Monitor or subwoofer is equipped with advanced internal DSP circuitry, which tightly integrates with the GLM (Genelec Loudspeaker Manager) software application, running on Mac or PC. GLM’s reference microphone kit allows the user’s acoustic environment to be analyzed, after which GLM’s AutoCal feature optimizes each Smart Active Monitor for level, distance delay, subwoofer crossover phase and room response equalization, with the option of further fine tuning by the user. By minimizing the room’s influence on the sound, Smart Active Monitors deliver an unrivalled reference, with excellent translation between rooms.

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*—For more information on the complete range of Genelec Active Monitoring Systems, contact: Genelec Inc., 7 Tech Circle, Natick, MA 01760. Tel: (508) 652-0900;*

*Web:* [*http://www.genelec.com/*](http://www.genelec.com/)*.*