

Pioneering the Future of Pro-Audio Innovation with N-Labs

N-Labs, a rising force in the Indian pro-audio manufacturing sector, is built on the principles of innovation, customer-centric service, and strong engineering expertise. In an engaging conversation with the PALM Expo Magazine team, Founder and CEO, Hemal Bhatt shares valuable insights into N-Labs' journey, core philosophy, strategic vision, and ambitious goals for both the Indian and international markets.

Under Bhatt's dynamic leadership, N-Labs has carved a niche for itself by blending years of practical experience in the audio rental business with innovative local manufacturing techniques. This distinctive approach has given the company a deep understanding of the challenges faced by its customers, allowing them to develop solutions that truly meet the evolving needs of the industry. As N-Labs continues to expand its horizons, it remains committed to raising the bar for quality and innovation in the pro-audio space.

How is live sound reinforcement evolving in India, and how is N-Labs preparing for these changes?

In the current landscape, live sound is increasingly shifting towards networked audio and adhering to high-end international quality standards. N-Labs is at the forefront of this transformation, striving to bring these global standards to India while enhancing quality with a distinctly Indian perspective.

Our focus is on developing products specifically tailored for Indian concerts, live sound reinforcement applications, and installations. Although imported products currently dominate the market, we are actively preparing for this shift and will be ready to meet these evolving demands in the near future.

What major shifts do you predict in the Indian pro audio industry over the next decade?

I believe that the pro audio industry is now transitioning towards network audio interfaces. An increasing number of network audio products will be introduced, and they will soon become an essential component for every rental company. As we observe, all the latest digital mixing consoles have already been made available in India, and major rental companies are actively using these advanced systems.

In the immediate future, these technologies will become accessible to lower and mid-sized rental companies, even in Tier 2 and Tier 3 cities. This shift will enable them to incorporate network audio into their daily operations, simplifying system programming and fine-tuning to meet specific requirements.

What impact do you think immersive and spatial audio will have on live events and installations?

Spatial sound, or more commonly known as immersive sound or soundscape, is still in its nascent stages in India. Immersive audio technology, is relatively new and still developing, making it unsuitable for immediate adoption



Hemal Bhatt, Founder and CEO, N-Labs

in the Indian market. Since networked audio is not yet widely adopted in India, it will likely take another five to six years before soundscape and immersive audio experiences become a regular feature in live concerts.

However, when it comes to installations, the adoption of soundscape technology is expected to happen much sooner. Similar to **Dolby Atmos**, soundscapes can be implemented in theatres in the near future and may eventually extend to live sound applications. The initial uptake in installations is likely to pave the way for broader acceptance in live concert settings over time.

How does N-Labs ensure that its products are aligned with the evolving needs of audio professionals in India? How does N-Labs plan to differentiate itself in an increasingly competitive market?

At N-Labs, our focus is on designing solutions that serve as viable alternatives to international brands, offering the same quality but tailored for

the Indian market. These products are not only affordable but also serviceable within India, ensuring that our clients have reliable after-sales support.

We firmly believe that the professional audio requirements of Indian rental companies should be met with products that are made in India and readily available to Indian professionals.

How does N-Labs plan to differentiate itself in an increasingly competitive market?

N-Labs differentiates itself by aligning closely with the specific needs of the Indian market while maintaining international quality standards. Our commitment to innovation and adaptability ensures that we continue to evolve alongside the changing demands of the industry. By offering high-quality, cost-effective, and locally serviceable solutions, we aim to empower Indian rental companies with reliable alternatives to imported products.

As N-Labs, we take pride in being a **Made in India** company, designing and manufacturing products primarily for the Indian market before expanding to other regions. With this vision in mind, we have already aligned ourselves with international standards, developing products that are comparable to those available globally.

When it comes to competition, we believe that N-Labs currently faces no real competition from other Indian manufacturers. This is because no other pro audio brand in India is truly aware of the international standards being followed in markets such as the United States, China, or Europe. Many Indian

brands are still unaware of the next big developments in audio technology and remain focused on importing products from abroad, rebranding them under their own names, and selling them in India.

In contrast, N-Labs is fully invested in developing technology within India, for India. Our vision is forward-thinking, while many others in the industry continue to operate with a mindset that is at least a decade behind. This forward momentum sets us apart as an Indian company genuinely committed to innovation and progress.

We are actively pursuing more strategic partnerships in areas such as digital speaker processing and semiconductor design, specifically tailored for Indian products.

We are determined to bridge the gap between global excellence and local affordability, ensuring that India not only keeps pace with the latest advancements in audio technology but also sets a benchmark for others to follow. This is the vision we are striving towards at N-Labs.

Are there any partnerships or collaborations in the works that will strengthen your presence in the market?

At N-Labs, we are already equipped with the latest advancements in pro audio technology. Our offerings include state-of-the-art filters, advanced equalisation techniques, whether parametric or dynamic network audio platforms that are ready for seamless integration with international network systems available worldwide.

We are proud to be developing a single network system, the first of its kind in India, which can not only communicate with amplifiers but also transmit audio on the same platform without the need for an external controller. This innovation marks a significant milestone for the Indian pro audio industry, and we believe it will revolutionise the way audio systems operate.

What are some of the most exciting advancements in pro audio technology that N-Labs is currently exploring? How does N-Labs approach research and development to stay ahead of technological trends?

At N-Labs, we are continuously exploring cutting-edge advancements in

pro audio technology to stay ahead of the curve. Currently, we are working on some of the most exciting innovations in network audio interfaces, immersive sound, and advanced control systems that will revolutionise the Indian audio landscape.

One of our most remarkable developments is the creation of a single network system that can simultaneously communicate with amplifiers and transmit audio on the same platform without the need for an external controller.

To maintain our technological edge, N-Labs has established offshore R&D centre in multiple countries, not just in India but also in regions where audio technology is advancing at a rapid pace. Our R&D teams work closely with international experts to integrate technologies into our products, ensuring that they align with the specific needs of Indian customers.

Our approach is not just about adopting global technologies but also about making them accessible and easy to use for Indian consumers. Many professionals and users in India may not yet be fully aware of these advanced technologies, and we are committed to simplifying their adoption by incorporating them into user-friendly products that can be used in day-to-day applications.

We are excited to announce that the results of our extensive R&D efforts will be showcased at the **PALM Expo 2025**. This event will mark a significant milestone for N-Labs, as we unveil innovations that have never been seen before in India or across Asia. Our forthcoming products will set a new benchmark in the Indian pro audio industry, offering seamless performance and unprecedented technological integration for Indian consumers.

With a clear vision and a commitment to research-driven innovation, N-Labs is not just keeping pace with the future of pro audio, it is defining it.

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