

PALM RESOUNDS WITH SURGE IN VISITORS FROM STAGE SOUND AND LIGHTING FOR EVENT INDUSTRY

Highest number of exhibitors display largest range of products in pro audio, pro sound install, LED Display and ProAV integrated systems



PALM Expo 2018 Exhibitors



Top brands like L-Acoustics, RCF, DiGiCo, Klotz, Bose, Christie and K&M were displayed at the Hi-Tech Audio Systems booth



The LBT booth in Lighting Hall 5

Eighteen years into India's leading stage sound, lighting and audio-visual expo and the expo lived up to its own stature by breaking its own records. The latest edition of the PALM Expo in Mumbai, was once again a resounding success.

Another record-breaking year for PALM Expo

This year's edition boasted the highest attendance and participation ever as a staggering **23,436** unique visitors, from across the country made their way to the venue from **31 May – 2 June, 2018**, proving that the Pro AV and light-

ing industry in India is poised for further expansion in the upcoming year.

Held at the Bombay Exhibition Centre, Mumbai the expo lived up to its reputation of beating its own record of numbers.

Day one clocked **9,197** visitors hosted by 2500 exhibitor badges - a total of 11,697 attendees. Day two registered **9,773** unique visitors and a record foot-fall of 12,765, while day three clocked **4,466** unique visitors. Over the three days of the show unique visitor numbers demonstrated an increase of 20% from the last year. This edition of the PALM witnessed a significant increase

in the share of trade visitors from B and C tier towns of India, with an increase in buyers from rest of India accounting for nearly **14%**.

"PALM was a tremendously successful event with the highest figures for exhibitors and visitors" said **Manish Gandhi**, Director & COO of ABEC Exhibitions & Conferences Pvt. Ltd.

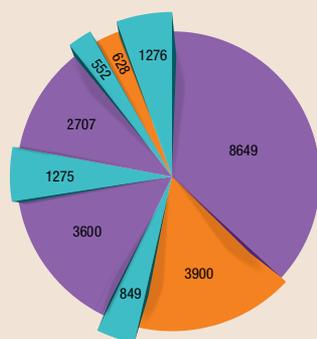
The visitor profile was **37%** from the Rental (Live Sound & Stage + Lighting & Effects) market, 17% from the Systems Integration (Audio Visual + Digital Signage + Projection Systems) Segment and the distributor dealer network was the third largest segment with 15%.

Clearly demarcated exhibit halls

The total exhibition area across the eight halls increased by 19.23% since 2017 and the demand for new products was reflected by the busy exhibit halls, with Hall 1 being demarcated for the sound manufacturers and distributors, and Hall 5 for the lighting companies.

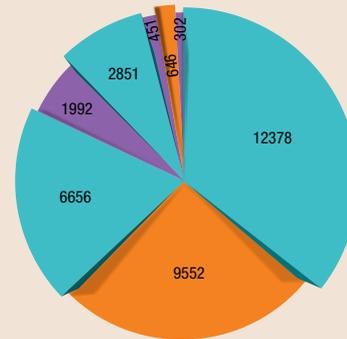
PALM's highlight features – Five Demo Qubes, PALM Conference & Seminar Programme, PALM Soundscape Programme, Indoor Compact Line Array Demo, IRAA Awards, Harman Live Arena and the DJ Championships, together

Visitors by BUSINESS NATURE



RENTAL (LIVE SOUND & STAGE + LIGHTING & EFFECTS)	8649
SYSTEM INTEGRATION (AUDIO VISUAL + DIGITAL SIGNAGE + PROJECTION SYSTEMS)	3900
MANUFACTURER	849
DISTRIBUTOR & DEALER	3600
STUDIOS (MUSIC PRODUCTION/TV/RADIO/RECORD LABEL)	1275
EVENT MANAGEMENT/AD AGENCY/ENTERTAINMENT	2707
HOUSE OF WORSHIP	552
PERFORMANCE VENUE	628
OTHERS	1276

Visitors By PRODUCT OF INTEREST



PRO AUDIO EQUIPMENTS	12378
AV INTEGRATED SYSTEMS	9552
STAGE SOUND & LIGHT	6656
DJ EQUIPMENTS	1992
LED & VIDEO DISPLAY TECHNOLOGIES	2851
RADIO & TV POST PRODUCTION	451
PARTS & ACCESSORIES	646
OTHERS	302

made up the distinct dynamics that epitomizes the event. *(Full Coverage on highlight features on pg)*

"Reputed brands globally define PALM as a top destination to test product performance in a highly advanced market place adopting latest technology and features. PALM leads in establishing new product viability in guaranteed exposure to probably the largest community of highly experienced professionals in pro audio and AV anywhere in the world evaluating new product purchase. We deliver business not only on the exhibit floors but also through the PALM highlight features, year on year," said **Anil Chopra**, Director, PALM Expo 2018.

Launch Platform for new products

The event, much in line with its tradition, was also the platform for the launch of a big mass of new products and system solutions.

While **Sennheiser India** celebrated the **G4** launch in India, **QSC** demoed the new **K8.2 active speaker** and **KS212C sub** and **HARMAN** introduced a range of new products like the first portable, battery-powered, linear-array PA system in its class, the **EON ONE PRO**, **Martin**

MAC **encore wash**, **Soundcraft Vi1000** and the new range of **JBL 3 series MkII studio monitors** for their professional customers.

First time exhibitors **Synq Audio** launched the **iLine Series** columnar speakers through their partner **Audiophony** and **Modern Stage Service** debuted the new **GrandMA3** from principals **MA lighting**. **Sound Team** exhibited the new, award-winning - **Genelec The Ones**.

Also debuted was **Sonodyne's** new **LCR-2 cinema speakers** and **Epson's** new **laser projector**.

"One could witness the surge in the pro sound and light industry at the show, as well as the range of products on exhibit, which was dramatically higher this year," said **Ramesh Chetwani**, Exhibition Director, PALM Expo 2018.

An impressive showing is what sums up **Bose Professional's** outing at the PALM Expo 2018, as the brand actively displayed several of its application specific flagship products like the **ShowMatch DeltaQ** line array system, the **EdgeMax** premium in-ceiling loudspeakers, the **Panaray MSA12X** modular steerable array, the **F1** flexible array loudspeaker system, the **ControlSpace EX** conferencing system and the **S1 Pro**

multi-position PA system; each of which garnered attention and praise from audiences and peers alike.

Bose also had a crucial presence at the PALM Soundscape programme where **David Scheirman – Director, Global Concert & Rental Business, Bose Professional** – was a key speaker. The exemplary industry veteran emphasized how rental company owners must be good business people to be successful and how focusing on solid long-term value, global support and technical innovation helps achieve this. Scheirman also shared Bose Professional's long-term commitment to developing the market with resources and innovation to move effectively in any direction it chooses and stressed that one of the biggest assets to the brand's global success is honing the wisdom of patience, as opposed to expecting an urgent response from trendy marketing gimmicks. "Innovation has always helped Bose Professional's business approach, and the brand has consistently excelled as a leader in providing ground-breaking technologies across various application segments. Products like the ShowMatch DeltaQ line array system, the F1 loudspeaker system, the S1 Pro multi-position PA system, now

stand apart as industry game-changers thanks to the revolutionary technologies they employ which have been derived through advanced R&D capabilities and Bose Corporation's direct connections with the Massachusetts Institute of Technology. These products have provided a fitting solution to some of the current challenges in professional sound; and it is heartening to witness the positivity and appreciation that our products," he said.

Speaking categorically about the Indian market, Scheirman continued, "India has a dynamic growing entertainment industry with a vibrant live entertainment scene that has the whole Bollywood culture centred around the movie stars, celebrities etc. Then there are the resort hotels and tourist zones like Goa, along with the major international-artist concerts and festivals that India's promoters are attracting, and Rock and Roll music fans who aspire to experience nothing less than the best. It has taken a while for the Entertainment Production Industry to mature and become sophisticated in India but what I see today is on par with the best practices anywhere else in the world and it's not about equipment, it's about people- the skills, the passion for live



The Audiotechnica booth attracted a lot of visitors



Beta Three Audio India displayed new line array systems at their booth



Epson displayed its new laser projector amongst other products



M-Sonic on the The YAMAHA live stage which hosted a mix of solo and band performances by artistes like Nise Merun, Salim Merchant, Lydian Nadhaswara etc.

sound and production technology that I see in my colleagues in India is remarkable. I've known some of the rental sound company operators in India for almost 20 years and to see how they've grown, expanded their capabilities, how they can now offer world class services to their clients is really gratifying to me."

"It is quite the shot in the arm to witness an impressive growth in the number of Bose Pro users here, especially in the live sound domain where Bose ShowMatch systems are being embraced by top sound rental companies as well as live-performance venues. Our customers here are the early-adopters – rental, staging and concert sound professionals who really understand the system design paradigm and are confident about fruitful returns on their investment. In total, I believe India holds a unique blend of robustness and an ever-evolving thirst for new technologies, which is what, makes this a great place for the professional audio business," he added.

For **Hi-Tech Audio Systems**, New Delhi, PALM 2018 was a productive and effective opportunity for brand promotion. "We have been part of Palm Expo from the time of its inception. It's the biggest platform in the country to meet new prospective clients, connect with end users and promote new product lines," said **Managing Director of Hi-Tech Audio Systems, Mr. Rajan Gupta**. He adds, "This year we have exhibited new brands like **ETC** lighting fixtures and **Clear-Com** for the first time at our booth. The response was incredible among the visitors."

Top brands like L-Acoustics, RCF, DiGiCo, Klotz, Bose, Christie and K&M were displayed at the Hi-Tech Audio Systems booth. "I must say the rush in our booth was exhilarating. The dedicated brand zones across the booths attracted its own respective target audience", says **Nirdosh Aggarwal, Director Sales of Hi-Tech Audio Systems**. The DiGiCo demo area which had India's top live mixing engineer Fali Damania conduct a three-day interactive sessions on DiGiCo consoles was visited by many rental owners and mixing engineers.

Says **Fali Damania**, "DiGiCo is the world standard when it comes to mixing audio for concerts, broadcast, theater and sporting events and I hope that in the years to come it becomes the standard in India as well."

For the first time, ETC exhibited cutting-edge lighting fixtures and consoles at Hi-Tech Audio's booth in Palm Expo 2018. **Sam Smallman, Technical Engineer, ETC** says, "Training customers how to use ETC product general delivers great long term results. India should benefit from a sustained, structured

training approach which will be facilitated by both Hi-Tech Audio Systems and ETC."

Offering a primer to what visitors to PALM can expect in 2019, **Peter Owen, Regional Sales Manager for L-Acoustics** said, "Next year L-Acoustics is planning to showcase another of its masterpiece creation in PALM Expo. We will surely redefine sound with this product in coming years."

The visitors also experienced the 5.1 Home Theater system from Bose Professional in Hi-Tech's booth. It was mainly to attract those visitors who are connoisseurs of luxury lifestyle.

A section was dedicated to Klotz Cables. "As this was my first experience at PALM Expo, I would have to say that I am quite happy to have attended the show. The show enabled me to speak directly with potential and current end-users of Klotz. The coming years for Klotz in the India market looks to be quite promising, if we work out better on market strategies to promote Klotz among artists, musicians and engineers. We have been on a steady rise together with Hi-Tech Audio in a good way, and I hope to continue such for our future dealings", explains **Norman Lim**,

“ I was stunned looking at the hall and display of products here. I have been to NAMM and NAB and this is very close. ”
A.R. Rahman

Regional Sales Manager APAC, Klotz Cables.

Yamaha Music (India) Private Limited occupied the whole of Hall 2B and 2C, next to the registration hall. The exhibit range from YAMAHA comprised of the **Rivage PM 7 mixer, CXS, CZR, DXS, DZR** series powered and passive speakers and **WXC Series** controls aimed at Pro Audio and Pro AV. **Andy Cooper**, Manager - Pro Audio Application Engineering, Yamaha UK was present at the YAMAHA hall to explain and present the features of the Rivage.

Like the previous editions, the far end of the YAMAHA Hall was reserved for the YAMAHA live stage which hosted a mix of solo and band performances by artistes including **Nise Merun** on the YAMAHA digital piano and **Salim Merchant** on the YAMAHA Montage. Other artistes included child sensation **Lydian Nadhaswaram, Vishal Mehta, Sumit Sen Chronicles, Chirag & Friends, Gino Banks with Rhythm Shaw and Louis Banks, Ranjit Barot with Gulraj Singh and Rhythm Shaw.**

Some other new launches at PALM Expo 2018 included:

Aerons, a leading exporter and trader of professional audio equipment's launched a range of HD series two-way speakers, the new SUB series subwoofer for installation and LA 112, 2-way single 12" compact line array for both indoor and outdoor applications.

Ansata Computer Systems Pvt. Ltd., introduced the d&b SL-Series large format line array system specially designed for significantly sized arenas, stadiums and festivals and the d&b Soundscape

Ahuja Radios unveiled two work-horses namely **LXA-6000 & LXA-4500, SWX-2100** Subwoofer, and **ALX-11000** Line Array Speaker System. Another product in the line-up was the **ALX-11000** high-performance dual 12' line array speaker system.

Antelope Audio exhibited at PALM with its own independent booth this year and launched **Discrete 4 & 8** featuring console-grade, 6-transistor discrete, flawless conversion, and clocking. Also on display was the **Edge Strip** modeling microphone stand designed by Antelope founder and CEO Lgor Levil. An-

highlight of the launch was **Ventis 115A Processed Active Monitor** featuring 2-way bi-amplified bass-reflex design, 15' coaxial custom woofer, 1" exit throat, 700W + 200W RMS built-in class D power amplifier, 90-degree conical dispersion and many more.

Everglow LED unveiled Ultra HD 1.875 LED Display a super contrast LED screen with high refresh rates, high grey scale, and full HD processing XP1.875.

Enging Shangyu Professional presented its new pair of microphones systems, **GT-210** and **GT-220** Microphone system;

Enging Aomei unveiled a new bigger model mixer series with Bluetooth and computer interface.

Fester India debuted Truss Master, the first electric truss hoist to be manufactured in India.

First timers at PALM Expo **Flycot Cables** focused on showing off an entire new range of cables for commercial to all professional applications. The list of products the company unveiled at the show floor includes **Alarm Cables, CCTV Cable, Coaxial Cables, Data Cable, Flexible Cable, Hook-up Cable, LAN Cables, Microphone Cable, Multi-Core Round Shielded Cable, PCM Cables, Speaker Wires and Snake Wire.**

Ginni Spectra Pvt. Ltd. introduced the NOWOPAN; ready to finish panel set, available in multi-options and customized frame combinations, design, and sizes.

GKS Associate debuted **10 R Moving Head Beam Light** featuring international standard control signal and the **LF-23 Two FOG MACHINE JET** with two very bright color fog jet effect.

G.M. Audio showcased a new range of products from the DAS Audio stable. The product bouquet comprised of DAS ALTEA SERIES portable speakers, DAS DX SERIES AMPLIFIERS, DAS EVENT SERIES featuring the Event-212A line array and the Event-212A subwoofer.

Guangzhou Shinestage Technology Co. Ltd., launched a one of its kind heavy duty, folding truss and barriers which can be used as general barriers, cable barriers, and gate barriers.

Global Pro Audio Management, distributors of leading European brands bought a brand-new range of products from Outline. The line-up of new products included **Superfly Line-source loudspeaker system; NEWTON; GTO Line-source Loudspeaker System; GTO C-12 Compact Line-source Loudspeaker System; Mantas; Outline DBS 18-2; VEGAS 8 CX, 12 CX; VEGAS 24; VEGAS 6.5; VEGAS full-range and M Series Amplifiers.**

Guangzhou Harman AV Technology Co. Ltd. of the Harman International Holdings Limited group and exclusive

other new launch was of **Edge & Verge** modeling microphones designed to model a variety of vintage microphones, preamps, EQ's and compressors.

Alphatronix Sound & Music, launched a new Point Source Sound System designed to supersede the quality of existing line boxes allowing users to cover a large area with fewer boxes as compared to the regular line array boxes.

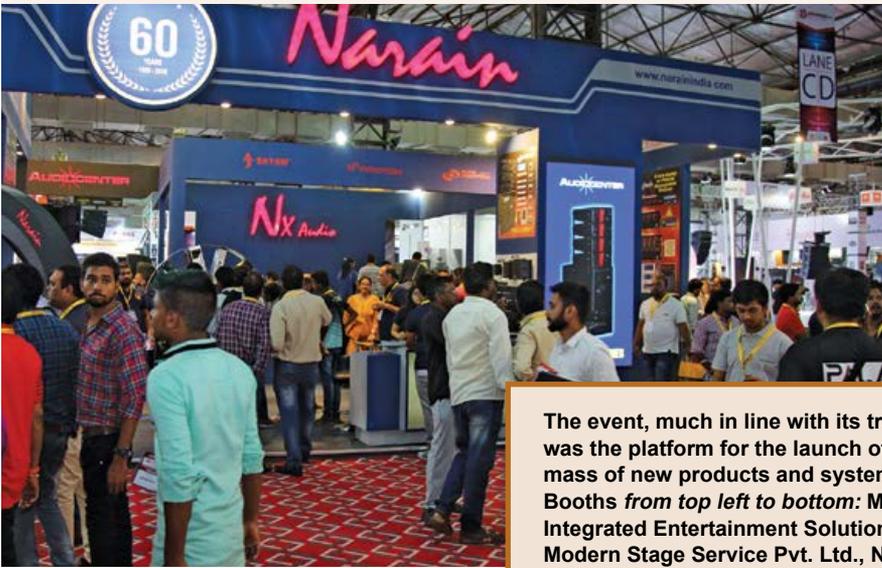
Importer and distributor of YME speakers in India - **AV Logic** brought a brand-new **Versa Series, Yoga X Active, I A series** for installation and touring and **HTA and HSA series** amplifier.

Circle Pro Audio showcased its new **CPA CB-4 In-Ear Combiner** which operates up to four wireless monitoring transmitters using one shared antenna and features an impedance of 50 Ohm; RF frequency range of 500 to 870 MHz; operating voltage.

DAGE Stage Lighting unveiled its new **HM-3826 Giant 380W three in one (beam/wash/spot)** in hall 5.

Delhi Light & Music Centre unveiled its new professional sound reinforcement and lighting solutions. The

SHOW REVIEW



The event, much in line with its tradition, was the platform for the launch of a big mass of new products and system solutions. Booths from top left to bottom: Madrix at the Integrated Entertainment Solutions booth, Modern Stage Service Pvt. Ltd., Narain Audio, Premier Pro Group, Star Megatech, TOA, Modi Digital and Yestech LED



distributor of Australian brand Realtro-nix presented multiple new equipment which included: Home Theatre System; Mix-1V Rack-Mounted Mixer; DEQ-231 digital Equalizer; HM12-USB/ Harman HM16-USB Digital Mixer; AM-0808 Automatic mixing Matrix; DSP 4X8 Professional Digital Sound Processor; MH5200 High-power Amplifier; NXP Preamplifier; WX-166 Wireless Microphone; WX-299 Wireless Microphone; WX-277 Digital Wireless Microphone and WX-288 Intelligent Wireless Microphone.

Hangzhou Baishun Import & Export Co. LTD, belonging to the SHUNSHI group launched **DMX Lighting Console**.

First-timers at Palm Expo 2018 **Hari Industries** exhibited the **Granotone** range of speaker paints.

First-time exhibitor **IA Stands Pvt.Ltd.** showcased a multi-functional Tripod stand which comes with a distinct feature of interchangeability which allows attending any mount and the X-16 keyboard stand with an unprecedented 16 position locking mechanism.

Voice over agency, **Indian Voice-Overs** launched an all-new IVO.STUDIO. The IVO.STUDIO is designed to be a game-changer for the recording industry in particular.

MX-MDR Technologies Ltd. unveiled four new products at the show. The arrangement of products included **MX SIGNATURE 12 USB** - compact reliable dual channel UHF wireless microphone - **UHF-400**, **MX CA-20** a professional series power amplifiers which deliver from 500 watts to 6800 watts of power in two to three rack spaces and **DJ 1000** white colored headphones which a great solution to user's audio needs.

The professional LED screen service provider **Mtek Solution** showcased its newly launched **Wing Plus Series** LED cabinet, which adopts high-end module and aluminum natural heat dissipation technology.

New Elite Electricals showcased its new highly cost-effective **Prism King ISMH50005** moving head light with independently rotating 16-facet circular prism and a 6-facet linear prism with a rainbow effect.

Nicolaude Group registered its presence on the show floor with the launch of multiple products from brands like Sunlight and Stick. The list of new products consisted of Sunlight BC a smart USB interface; SUNLITE EC mini USB-DMX interface; Stick CW4 programmable lighting controller and Stick KE2 controller.

Overtone Audio, Indian distributor of Dan Dugan sound design launched its new **E-2A** automatic microphone mixing controller which incorporates 28 channels of processing and supports all Dugan algorithms.

New products at the **Pink Noise Professionals** booth included **Icon Pro Audio Platform M+**, **Yamaha CS700**, **Work Pro Audio WFS 10CX**, **Work Pro Audio SL210A** and **Yamaha YVC1000**.

Premier Pro Group exhibited a range of new products like Antari's HZ series - HZ 1000, new and advanced sound speakers range from B&C, Sennheiser Evolution wireless G4-500, IEM Series and KUBA Series.

New products at the **Pro Sound Inc.** booth included Beta 4 Dual Channel Power Amplifier QS-2000, QS-3000, DJX-2.2, DJX- 3.2, DJX- 4.2 and AB-4000, high-frequency Compression driver Beta 4 HF-D450. They also launched four models of Beta 4 microphones namely IB-590, IB-690, IB-690, and GM-50 and two Beta 4 XEM 80U, XEM 120U P.A audio mixing console and Beta CUBE 150 active portable speaker system.

Rivera International launched **Relooptouch** world's first DJ controller with an integrated 7'-touchscreen for real-time control of XY effects, library, and settings; visuals feedback of tracks & videos

of the high-end products bouquet included the Mackie MDB-1P/ MDB-2P passive direct boxes for stage shows, active direct box - Mackie MDB-1A, Mackie MTEST1, Dynatech HDA-15-1600W powered loudspeaker, Dynatech DEL-115A portable and installed PA loudspeaker and Dynatech's 3-channel professional DJ mixer with multiple inputs - DDJ-3BT.

Sun Infonet displayed Meyer Sound's Ashby Series self-powered ceiling loudspeakers, Meyer Sound LINA Series, Audio Focus ARES 12 three-way line array system, Audio Focus MSub218M-KII sub-woofer, Shure Axient Digital wireless system, Allen & Heath SQ-6 - a next-generation digital mixer, Allen & Heath DX168 rigged portable expander and Quest Audio QX-280.

SYNQ Audio announced its brand new sound solutions at Palm Expo 2018. The company launched Dante Based DBT Series for touring-based application and DBI series fixed installation. They also launched a retro style projector Briteq BT-Rotor and the SDA

PALM 2018 not only presented new products, received orders and established new market dynamics but was also the ground for appointment of new distributors and dealers for new cities and towns

Continuing the momentum of spreading distribution, PALM was the chosen platform for the entry of Adamson with new partners Sonotone and Vardhaman. Adamson will be the first line distributed under the AVCL brand - a new premium sub-entity of distribution firm of Sonotone, aimed at the upper echelon of professional audio companies and users in India.

Under the agreement, Sonotone itself will oversee the Integration Segment while Vardhaman has been appointed as the Authorized Partner for the Touring Market. The association with AVCL started with a bang at the PALM expo when Mumbai based rental company Rich Audio headed by Zura Braganza, became the first rental company in India to take advantage of the manufacturer's arrival in the local market, with the purchase of an Adamson S10 system.

Bearing the IPR Flag

Over the years, PALM has evolved as an enlightened international expo, fully educated on the implications of IPR, and yet again the show reinforced this message as much in all its media and communication to industry globally. The Management on their part made every possible effort to protect IPR and promote original brand and product at the show. **Franco Zaghini** Director of Business Development MA Lighting International GmbH said, "It has been many years now that we have been participating at PALM and we really appreciate the organizers who are protecting the original products. They really helped a lot to keep the exhibition clean from counterfeiters and that is what we think is a must for the growth of the market and for the growth of the exhibition."

A broad spectrum of products on display on the exhibit floors and the positive echo from the exhibitors and visitors alike, indicated that the international business atmosphere of PALM expo, India makes it a must-attend sourcing and networking platform.

Summing up the resounding success of PALM was validation by winner of two Academy Awards, two Grammy Awards and a Golden Globe and one of India's greatest music composers - **A.R. Rahman** who said "I was stunned looking at the hall and display of products here. I have been to NAMM and NAB and this is very close."

“It has been many years now that we have been participating at PALM and we really appreciate the organizers who are protecting the original products. They really helped a lot to keep the exhibition clean from counterfeiters and that is what we think is a must for the growth of the market and for the growth of the exhibition.”

FRANCO ZAGHINI,

Director of Business Development, MA Lighting International GmbH

including waveforms, track information, performance modes and video mixing.

RJ Enterprises launched the new two-in-one processor and controller - **Novastar VX55** with high loading capacity. The company also launched **J6 processor and C1 console** which is designed for live stage shows features lit buttons, a control joystick, and two LCD screen.

Sun Broadcast Equipments Pvt. Ltd exhibited the latest products from Tascam and Carlec which included - **Tascam DA-6400 track recorder**, **Tascam CD-400U**, **Tascam SS-R250N / SS-CDR250N** two-channel recorder/player, Tascam DR-701D 6-channel recorder, Tascam Celesonic US-20x20 pack of 20 channels of analog and digital I/O, Tascam ML-32D a compact 1U size converter and the most powerful and compact digital broadcast audio console - CALREC Brio36 / Brio12.

Sonotone Audio LLP, demonstrated a line of new products from Dynatec, Mackie, JTS, Marani, and P.Audio. Some

class D Amplifier.

Verlinde, one of the first companies to manufacture winches and electric hoists participated for the first time at PALM Expo 2018. The company introduced its new series Stagemaker SR industrial chain hoist particularly suitable for show business applications for a load from 125 to 5000 kg.

YODN Lighting Corp. launched MSD 260R9 stage light, which is a new addition to its R series along with the MSD 380R18 moving head.

A tremendous business environment, courtesy a strict No-Sound policy enforced in both halls by the organisers, complemented the mesmerizing exhibit and display in both the halls. The sound control on the show floor was one of the major highlights of the expo and was well appreciated by global media and exhibitors as well.

Ground Zero for new distribution partnerships

The proactive industry present at

Global Experts take the stage at PALM Conference & Seminar Programme 2018

Technology Sessions witness record attendance

palm CONFERENCE & SEMINAR

GATEWAY TO BUSINESS INTELLIGENCE

Sound Partner



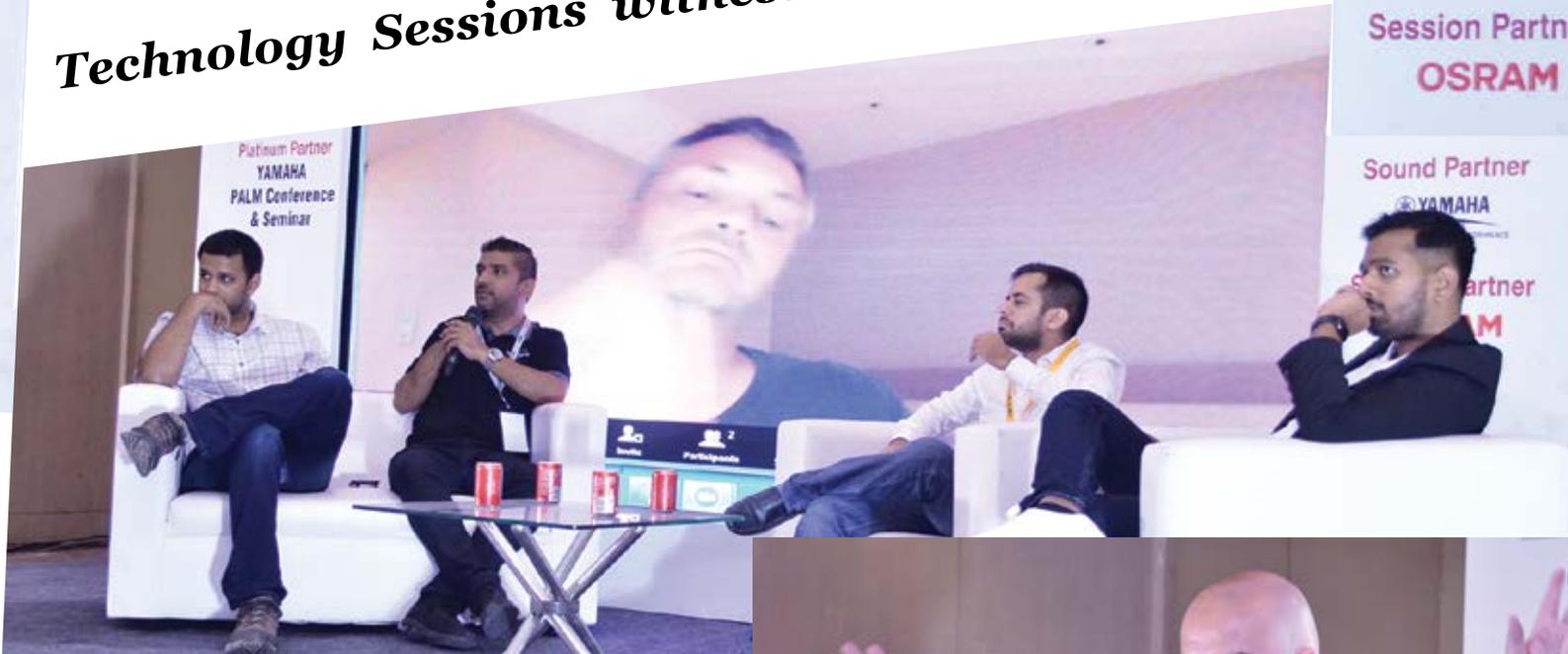
Session Partner

OSRAM

Sound Partner



Partner



L-R: Niranjan Shivaram, Sunil Karanjikar, Manish Mavani, Sachit Subramanian and Gert Sanner together in a panel discussion on DOES SIZE MATTER?



Pavel Ptacek addressing the audience during his session titled OSRAM - THE EXPERT IN ENTERTAINMENT LIGHTING

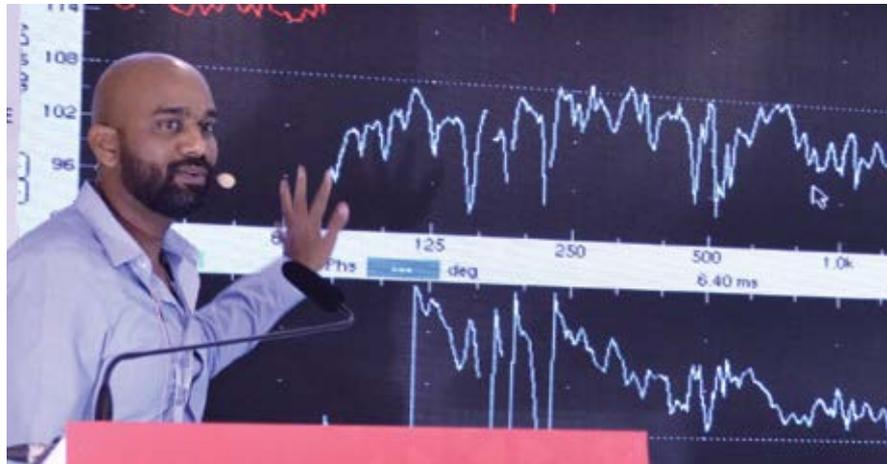
Manufacturers and distributors spent three fruitful days at PALM, exhibiting and showcasing their latest products, but beyond the enticing exhibition stands, were the expo's fringe events like the PALM Conference & Seminar Programme that are arguably the most valuable feature of the three days, wherein delegates

can connect with some of the industry's great thought-leaders from around the globe.

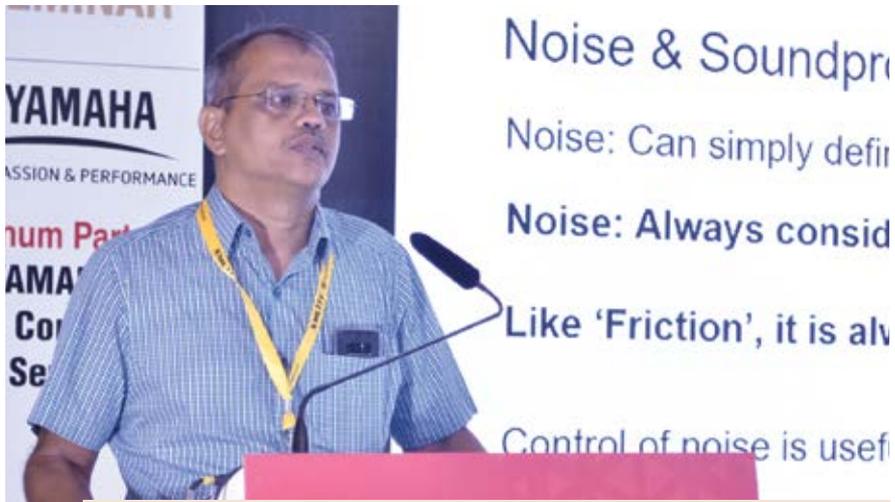
This year's Conference Programme was held at its regular base – International Lounge, Mezzanine Level, Hall 1, BEC. The Programme boasted of participatory sessions and technology



Andy Cooper shared some unique tips during his session on HOW TO SUCCESSFULLY USE DANTE FOR LIVE SOUND EVENTS



Seminar on MEASURING AND ALIGNING SUBWOOFERS by Rahul Samuel- Technical Support Specialist - Middle East, Africa, India at Meyer Sound Laboratoires Inc.



Seminar on ACOUSTICS IN AUDITORIUM DESIGN by Vijay Purandare - Auditorium Design & Acoustical Consultant



Rajeev Arora shared some of his personal experiences during his session on WOW FACTOR BY THE HELP OF AUDIO VIDEO



Audience participate in the interactive sessions



Christian Hertel from Madrix shows some amazing lighting creations at the session on LED LIGHTING CONTROL AND ITS IMPACT ON DESIGN FOR INSTALLED VENUES

presentations from expert Indian and international speakers.

The Conference had a lot to offer as attendees walked away with loads of notes and knowledge. It served to remind once again, how vital events like this are, where not only are issues brought to the fore, but also solutions are discussed across various sessions. Also, providing some of their unique flavor were new products and technology introduced over the past year. Over the year, several innovations are introduced and these have become an integral part of the Conference Sessions.

It was noticeable this year that

“ Delegate response has been entirely gratifying, both in numbers and the anxious Q & A sessions from enthused professionals. I assume the array of highly acclaimed speakers must have been delighted at engaging such critical audiences filling the conference halls. ”

Smita Rai, Project Head – Features & Marketing , PALM Expo 2018

there were more technology sessions than panel discussions. Disseminating information on industry trends and technologies has been a core part of the Conference Programmes at PALM. The sessions this year brought into sharp relief how much more quickly the engineers and technicians needed to move on developing these skills, particularly as the manufacturers consider newer areas of application for their products.

The focus of the day one was **Stage Sound & Lighting**. Day 2 was dedicated to the **Audiovisual Install and Integration** industry while day 3 attracted sound engineers and studio profession-



Meghdeep Bose and Anuj Mathur during a panel discussion at the PALM AES INDIA OPEN FORUM on HAS BOLLYWOOD MUSIC FAILED?



Anil Chopra with Shajith Koyeri and Sreejesh Nair

PALM Conference & Seminar Programme

MEASURING AND ALIGNING SUBWOOFERS by **Rahul Samuel**, Technical Support Specialist - Middle East, Africa, India at Meyer Sound Laboratoires Inc.

HOW TO SUCCESSFULLY USE DANTE FOR LIVE SOUND EVENTS by **Andy Cooper**, Manager, Pro Audio Application Engineer, Yamaha R&D Centre, London

MICROPHONE TECHNOLOGY FOR LIVE ENTERTAINMENT by **Kishore Banan**, HOD - Audio, True School of Music

OSRAM - **THE EXPERT IN ENTERTAINMENT LIGHTING** by **Pavel Ptacek**, Global Product Manager Entertainment lamps OSRAM

Panel discussion on **DOES SIZE MATTER?** Session moderated by **Niranjan Shivaram** - Chief Technical Officer at Audio Academy LLP; Speakers - **Sachit Subramanian** - Co-Director, NJSM Rentals, **Manish Mavani** - Director - Sound & Light Professionals, **Yogesh Malhotra** - Group Head Production, Live Shows at Percept Live, **Gert Sanner** - Regional application and education manager for Asia Pacific, d&b audiotechnik Asia Pacific Pte. Ltd., **Sunil Karanjikar** - Sr. Manager - Application Engineering at HARMAN International India

ACOUSTICS IN AUDITORIUM DESIGN by **Vijay Purandare** - Auditorium Design & Acoustical Consultant

LED LIGHTING CONTROL AND ITS IMPACT ON DESIGN FOR INSTALLED VENUES by **Christian Hertel**, Co-Founder - Inoage GmbH (Madrix Brand), **Rasesh Parekh** - Integrated Entertainment Solutions (IES)

WOW FACTOR BY THE HELP OF AUDIO VIDEO by **Rajeev Arora** - Principal Consultant with Qubix Technologies

BREEDING THE NEXT GEN MUSIC TALENT by **Ashish Manchanda** - International Impresario, Founder / Owner - Flying Carpet Productions & The Media Tribe

PALM AES INDIA OPEN FORUM Panel discussion on; **HAS BOLLYWOOD MUSIC FAILED?** Session moderated by **Aditya Modi** - Vice Chairperson of Audio Engineering Society India; Speakers - **Anuj Mathur** - Chief Recording Engineer at YRF Studios, **Meghdeep Bose** - Music Producer, Singer & Composer

DOLBY ATMOS MIXING - CONCEPTS AND TECHNIQUES by **Sreejesh Nair** - Pro Audio Application Specialist, AVID

STRATEGIZING DIVERSE APPROACHES TO SOUND DESIGN AND SYNC SOUND POST PRODUCTION FOR FILMS by **Shajith Koyeri** - Sound designer and Sync Sound engineer; Session moderated by **Sreejesh Nair** - Pro Audio Application Specialist, AVID



A full house audience for Shreejesh Nair's Session on DOLBY ATMOS MIXING - CONCEPTS AND TECHNIQUES

by **Rahul Samuel** - Technical Support Specialist - Middle East, Africa, India at Meyer Sound Laboratoires Inc.

The three-day programme offered a lot of choice in terms of sessions to hundreds of delegates, all of whom were united in a common interest - the knowledge of current and state-of-the-art audio, visual and lighting technologies and trends. The variety of presentations, discussions and workshops can be accessed in the outline programme.

For the second consecutive year, **YAMAHA Music India** displayed a visionary spirit by associating the brand with the industry's only real knowledge platform and lending their complete support as **Platinum Partner**, thereby providing critical stimulus to the production of the event. **YAMAHA** were also the **Sound Partners** for the PALM Conference & Seminar for the second year in a row.

Andy Cooper - Manager, Pro Audio Application Engineer, Yamaha R&D Centre, London also delivered a much appreciated session on "**HOW TO SUCCESSFULLY USE DANTE FOR LIVE SOUND EVENTS**". Dante has quickly become the most widely used audio network technology in the industry. The session shared notes on how to get started with Dante, understand its working, and create successful and reliable audio network.

The PALM Conference & Seminar programme was recorded across the three days and the sessions are now available on the PALM YouTube Channel (https://www.youtube.com/channel/UCv98arGvEqWxj1zJHOI2jg?view_as=subscriber).



Sreejesh Nair- Moderator Pro Audio Application Specialist, AVID addressing the audience during his session

als from across the country to the **Music Production** sessions.

The highlight of the three day programme was the **DOLBY ATMOS MIXING - CONCEPTS AND TECHNIQUES** session by **Sreejesh Nair** - Pro Audio Application Specialist, Emerging Markets | EMEA, AVID which was attended by some of the most well-known and reputed sound engineers from across the country. The full-house session provided an overview of DOLBY Atmos and the technology, and elucidated on how to set up a mix and mix for visuals.

Other full-house sessions included a session on **ACOUSTICS IN AUDITORIUM DESIGN** by renowned Auditorium Design & Acoustical Consultant - **Vijay Purandare** and a session on **MEASURING AND ALIGNING SUBWOOFERS**

Event business focus at Soundscape 2018

Key speakers covering big stage sound, light, visual, festivals, touring tech, FOH, artiste management, music production, A & R, all the ingredients for show biz, congregated in panel discussions to discuss topics of importance to the event creation, management and production industry.

The three days of the Soundscape stage at PALM 2018 witnessed the movers and shakers of top-line event pros imagining the future. Key speakers covering big stage sound, light, visual, festivals, touring tech, FOH, artiste management, music production, A&R - all the ingredients for show biz, congregated in panel discussions to discuss topics of importance to the event creation, management and production industry focusing equally on professional capabilities that need to match international standards in organising big stage shows.

The PALM Soundscape started with an introduction to the three-day programme and the various sessions lined-up across the three days of the Soundscape by curator **Reji Ravindran** followed by a workshop by **Frank Hahn** – Product Specialist at Denon DJ, that focused on the Denon Prime DJ system and traced the journey of Denon DJ - from its roots till its current avatar. The session highlighted the core technology behind Denon Prime and wrapped up with an open Q&A round.

India's burgeoning psychedelic trance scene has seen a rise in 'homegrown' artistes in this genre. India is no stranger to psy-trance. The history of Goa trance or psy-trance is eternally enchanting and ties in with the roots of the global rave music & culture. In the case of India, it is the country's original export & contribution to the world of electronic dance music. Psytrance has witnessed a growth in popularity and cult-following

in India in recent years, evolving from the DIY beach & forest parties of India in its golden years, to dedicated stages at most of the highly ticketed festivals in the world. A panel on "**Psy-Fidelity**" on the first day introspected the past, present & future of one of the most loved genres in electronic music. The session moderated by **Nitin Mahajan - DJ - Hill Top (Goa) / Music Curator - Pebble (Bangalore)**, included speakers like **Asad Zaidi aka Freetmah - Owner/CEO - Foot Stompin' Records, Tarun Shahani - DJ, Producer - Industree Studio, Brian Fernandes - DJ, Producer, Artist Agency & Record Label Owner and Starling Dsouza - DJ, Owner - Hill Top.**

The day's programme moved from evolution of psy-trance in India to **Delivering Big Stage Lights & Visuals**. Big Stage shows need 'big' delivery in terms of sound, light and visuals. In this first part of Soundscape's "Big Stage series"

of panel discussions, the programme delved into the field of immersive lighting & visuals. A pre-requisite now for contemporary concerts; light engineers & visual jockeys play a vital role in giving the performing artists & their fans an experience to remember. The panel for this session included Moderator – **Dhanya Pilo - Visual Artist - VJ Decoy & Film Director** and panellists **Nikunj Patel - Founder - Studio Moebius, Antonio Marino - Global Sales Manager (Entertainment Lamps) - Osram & Gaurav Bhambri - Founder - Pixtron Inc., Visual Rig Manager, Content Producer & Projection Mapping Artist"**

Day 2 of the PALM Soundscape started with a session of real importance "**Artist Management : Beyond the Avatar**". India has seen a rapid rise in artiste management. Artiste management agencies have evolved as full-time business with some Artist Managers achieving iconic levels of reputation.



Reji Ravindran Delivering the opening Speech at PALM Soundscape 2018



Frank Hahn at PALM Expo for his workshop focused on the Denon Prime DJ system





L to R: Dhanya Pilo, Antonio Marino, Gaurav Bhambri, Inayat Ali and Nikunj Patel in a Panel Discussion on Delivering Big Stage Lights & Visuals



L to R: Mae Thomas, Siddhart Kapoor, Rahul Sinha, Nishant Gadhok, Ayush Arora in a Panel Discussion on Artist Management : Beyond the Avatar



L to R: Sigmund Quadros, Santana Davis, Fali Damania, Ganesh Kumar, David Scheirman and Manish Mavani in a Panel Discussion on Delivering Big Stage Sound



L to R: Bhanuj Kappal, Laiq Qureshi, Kyle Pereira, Balaji Manoharan and Arjun Andotra in a Panel Discussion on The Great Indian Touring Phenomenon



L to R: Reji, Cyrus Gorimar, Sameet Sharma and Varun Khare in a Panel Discussion on Delivering Big Stage Festivals

The session delved into the particulars of developing music talent, handling daily business affairs for rising artists and tips on long-term professional plan. Bringing their insights on to stage and imparting information on best practises and mechanics and dynamics of promoting talent, were some of the best Artiste Managers in the country like **Ayush Arora** - Head Of Talent - Unmute, **Siddhant Kapoor** - Founder - Rage Entertainment, **Rahul Sinha** - Artist Manager - Only Much Louder and **Nishant Gadhok** - Founder - Gently Altered. This session was moderated by **Mae Thomas** - Presenter, Host - Maed In India.

The second of Soundscape's "Big Stage series" saw some of the top most industry experts and professionals elaborate on the intricacies of "Delivering Big Stage Sound". Moderated by Live Sound Engineer - **Sigmund Quadros**, the speakers for the session included **Fali Damania** - FOH Engineer and Owner - Audio Production Services, **Manish Mavani** - Director - Sound & Light Professionals, **Ganesh Kumar** - Director (Entertainment Sales) - Harman International, **Santana Davis** - Managing Director - J Davis Pro Sound & Lighting and **David Scheirman** - Director (Global Concert & Rental Business) - Bose Professional.

The next session of the day was on **Artist, Repertoire & Publishing**. A&R managers play a key role in scouting talent & getting their music released, and music publishers are responsible for ensuring payments when their compositions are used commercially. This discussion was moderated by **Reji Ravindran** - Curator, PALM Soundscape, and included speakers like **Mo Joshi** - Co-Founder - Azadi Records, **Abhishek Patil** - A&R (Pop Division) - Sony Music and **Shatadru Sarkar** - Head of International Licensing & Content - Times Music, shed light on understanding the artistic & commercial development for new talent.

Day two of the Soundscape programme ended with a presentation by **Ravinder Pathak** - Deputy General Manager - IPRS, Head of Broadcast Licensing, on the **Role of Copyright Societies**. This workshop briefly covered copyright laws, role and functioning of copyright societies, licensing of music, distribution of royalties, areas of licensing and revenue generating segments.

Entertainment from all over the globe, has been visiting India since decades, and now Indian artists & bands have begun touring the world too. But, what does it take for an artist to go global and execute a successful tour? The first panel discussion on day 3 - "The Great

(Continued on page 104)



SHOW REVIEW

Five Qubes demo state-of-the-art at PALM Expo 2018

With **Electro-Voice**, taking the Demo Qube route this year at the show, PALM witnessed five Demo Qube displays instead of the usual four. The company displayed and demoed their range of X-Line Advance arrays, new Dynacord L & C series amplifiers and other portable systems.

Rivera Digitech too opted for the Demo Qube route to showcase the dB range of products.

Beside the booth, **Hi-Tech Audio Systems** once again exhibited RCF products at the exclusive live demo qube. **Kallol Nath**, Senior Application Engineer from Hi-Tech Audio Systems

who is in-charge of the RCF qube says, "The visitors experienced the power and quality of RCF HDL30A active line array module which was enthralling. However EVOX JMIX8 which was displayed for the first-time stole everyone's heart. With the new generation FIR phase filters in JMIX8, it has performed outstanding and has proved that it can work wonder for indoor events or small venues. Moreover RCF EVOX App ensures a comprehensive control of J Series mixers: all the processing you need, on your smartphone, via Bluetooth."

Lucio Boiardi Serri, Product Specialist-Audio Pro, RCF shares his first time

experience in Palm Expo. "I really found Hi-Tech Audio's Pro Audio technical support team very competent. About the RCF Qube the tuning of the different systems has been done really well by Hi-Tech's team of engineers who were looking after the live demo." Further he adds, "The demo in the Qube was impressive, talking about the sound quality and sound pressure, specially the tuning of the Sub 9006-AS which gives the low frequencies an impressive punch. All the visitors I met during the expo were very interested in RCF products. I enjoyed my time at Palm Expo while interacting with other brands' technical professionals."

Bose Professional once again retained the Demo Qube for their range of products. Identifying India as a key business region, Bose Professional is working to grow market share in the country, as **Christian Liebenberg**, Regional Sales Manager, Professional Division, shares "India is a discerning market that emphasizes quality and innovation and our products like the ShowMatch DeltaQ system, the ControlSpace EX conference solution and the EdgeMax loudspeaker series, have all received great appreciation and adulation, owing to the

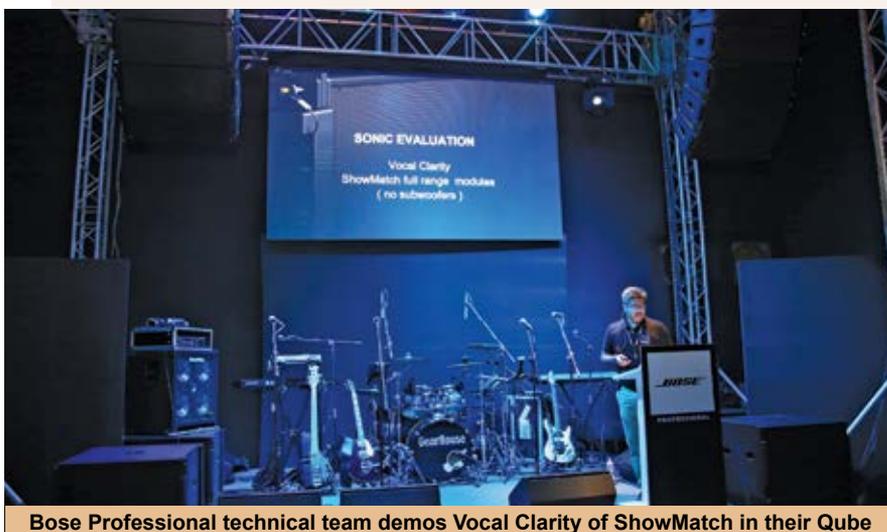
(Continued on page 104)



Audience through the Electro-Voice Demo Qube



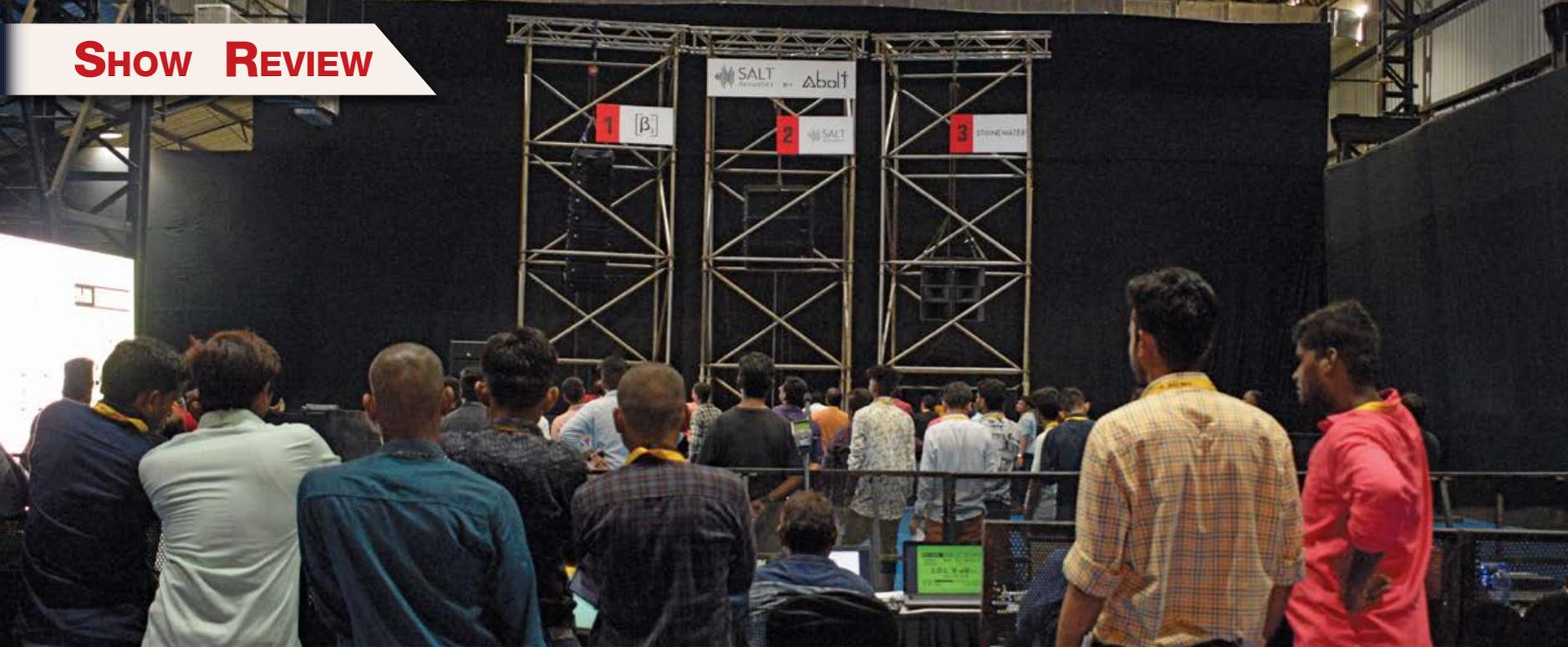
A demo of dB Technologies sound systems at the Qube



Bose Professional technical team demos Vocal Clarity of ShowMatch in their Qube



Pope Demo Qube showcases the Pope and LAX brand of speakers



First **INDOOR LINE ARRAY** Demo in the world organized at PALM 2018

Evinces great response from major international line array brands

New to the PALM expo this year was the “Compact Indoor Line Array Demo”. This novel highlight feature enhanced the appeal of the expo by demoing top-of-the-line, small to medium format indoor line arrays. The expo set a record of sorts, as this was the first time that an indoor line array demo was organized anywhere in the world.

The organisers refused to limit the expo to the confines of an outdoor

demo and moved this feature to Hall 7 at the Bombay Exhibition Centre this year.

The prime objective of the indoor demo was to assess the tonal quality, dispersion pattern, phase coherency and frequency response of the participating sound systems. The expo invested significantly in acoustic control of the indoor exhibit hall. Acclaimed Electro Acoustic Consultant – **Milind Raorane** was employed to spearhead this feature. With his guidance, the

indoor demo achieved the highest level of acoustic control and monitoring.

Raorane who first did recce of the site, reviewed the hall sizes and planned the acoustic treatment. The hall area was masked with huge black curtains and the truss was designed to accommodate three brands that were showcasing their respective indoor line array solutions. In order to attain the right SPL, a target MAX SPL of 50dB was set, with tolerance band, both on the SPL and the FRQ (frequency response).

taken from international practices of indoor demos, guidelines from Dolby on aiming multiple speakers for a common area and acoustic solutions for untreated indoor spaces.

A design document was drafted (for max 12 Rigs) giving all possible parameters and guidelines to be followed by participant while entering his line-array rig in the demo arena.

Maximum SPL, Max Boxes, Angles, Toe Angles etc. were described. A supporting ACAD was prepared describing the process.

An additional feature of “Real Time SPL monitoring” was introduced, wherein visitors and exhibitors could both view the SPL readings on a Large LED display wall.”

The rigging erected by Rich Audio, was also high-tuned for maximum response and the result was a spectacular indoor line array demo.

The change from Outdoor to Indoor was welcomed and embraced by many international manufacturers of major line array brands, who made a bee-line for the hall. The verdict was largely positive, as this demo feature received encouraging responses.

Having never witnessed such a demo anywhere in the world, manufacturers who had initially been skeptical about the execution and accomplishment of the feature were pleasantly surprised and highly impressed to see the level

Explaining the delivery of this feature from concept, Raorane says, “The challenge was adverse acoustic environment offered by the untreated Hall (Hall7A). The space has all kinds of negative elements that any sound guy would be afraid to walk into.

The challenge was also to deliver every participant/exhibitor a fairly, neutral position /space to translate to the audience an optimum audition of his product - compact line array! So we decided to design a space artificially built to create a aurally conducive shell for a fixed number of participants.

The design cues were



Milind Raorane - Feature Consultant for the Indoor Line Array demo at the monitoring booth

SHOW REVIEW

of investment, meticulous planning and the high standards with which acoustic fidelity of the line array demo was executed and accomplished.

Some manufacturers did not believe this could actually materialize, and had their doubts because of which, all this exercise boiled down to three participants - **Salt Acoustic** with the AL18F10s, **Beta 3** with the SLA10H and **Stonewater** with the P800, from the twelve slots which were actually planned and designed. The feature however addressed all the queries, which manufacturers

The compact indoor line array demo, which attempted to engage the changing ways in which the industry was consuming new products and solutions, succeeded in fulfilling the needs and demands of the rental industry and evinced great interest and support from many line array brands who affirmed their participation in this unique demo in the next edition of the expo. A design team from a known International Brand made a point to compliment the effort and assured

Having never witnessed such a demo anywhere in the world, manufacturers who had initially been skeptical about the execution and accomplishment of the feature were pleasantly surprised and highly impressed to see the level of investment, meticulous planning and the high standards with which acoustic fidelity of the line array demo was executed and accomplished.

had prior to the show.

"The Organizers, thanks to Mr. Chopra's belief and vision, took a bold decision to continue the DEMO ARENA concept and went all out to make it happen. With an initial slow start, as the word spread around, the arena saw a constant batch of sizeable visitors assembling for the demo; most of them complimenting the effort. The SPL Monitor Video Wall became a selfie point and the response we saw over the three days was certainly overwhelming," he adds.

their participation in the next edition as the arena wiped out any doubt that they had.

Overall, it was a rather disciplined and regulated demo arena, which raised the standards for the show, and the visitors - more like practices in global shows!

Having garnered a favourable response, the PALM expo team is all set to deliver another successful showcase of Compact Indoor Line Arrays in the 2019 edition of the expo.

Event business focus at Soundscape 2018

(Continued from page 69)

Indian Touring Phenomenon" provided a peek into the world of tour management from speakers who included Moderator **Bhanuj Kappal** - National Writer - Mint Lounge, **Laiq Qureshi** - Founder/Creative Director - Urban Beat Project, **Arjun Andotra** - Live Team member - KWAN, **Kyle Pereira** - Touring Manager - Regenerate and **Balaji Manoharan** - Mr. B Live Entertainment.

Organizing a BIG Stage event requires tremendous Investment & Finance. Arrangement for International talents and cost as well as the scope of operations involves deployment of large amount of men, material and money. The most important factor in making BIG Stage Events a success is the marketing and sales of tickets to attendees. The second session on day 3 - "Delivering Big Stage Festivals" tapped the experience of top

league event organizers and event companies like **Varun Khare** - General Manager - Oranjuc Entertainment, **Sameet Sharma** - Viacom 18 Business Head Live IPs and **Cyrus Gorimar** - Director - Opium Events & Production to explore and discuss this business angle. The final panel discussion was moderated by **Reji Ravindran** - Curator, PALM Soundscape.

Setting a precedent by supporting the industry platform were Platinum Partners **Denon DJ** and Co-Partners **Antelope Audio**.

The PALM Soundscape programme was recorded across the three days and the sessions are now available on the PALM YouTube Channel (https://www.youtube.com/channel/UCv98arGvEqWxj1zJHOI2jg?view_as=subscriber).



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Winners of the 12th Annual INDIAN RECORDING ARTS ACADEMY Awards announced



Mona Shetty, Director - Sound & Vision India - Host for the evening

IRAA recognizes Late H.Sridhar, one of India's greatest recording-mixing engineer; A.R. Rahman hands out Award for Lifetime Contribution to Sound Recording

On 2nd June 2018, hundreds of the country's finest sound engineers and music industry professionals gathered at the 12th consecutive edition of the Indian Recording Arts Academy Awards (IRAA) ceremony held in Hall 4 of the Bombay Exhibition Centre, on the sidelines of the PALM Expo 2018.

Honouring Excellence in Sound Recording and Audio Production, the IRAA Awards 2018, marked a grand celebration attended by stalwarts of the Indian Music industry. What began as a small gathering, 12 years ago, to honour the relatively unrecognized sound engineering talent in the country became a tremendous success this year, as the awards platform achieved critical

attention from the fraternity, many of whom were present in strength at the awards ceremony.

"IRAA is only as much, as the fraternity of sound engineers makes it. These awards are highly respected and worthy as it's the fraternity or Academy of sound recording engineers who practice the recording arts, who produce and recognise the IRAA awards," stated, **Anil Chopra**, Founder and Chairman, IRAA Awards, in his keynote address to attendees.

The IRAA 2018 Awards ceremony was hosted by celebrated voice artiste and President of India's leading dubbing company – Sound & Vision India, the lively **Mona Shetty**, who effortlessly carried on the great relationship she has



Vinay Sridhar accepts award on behalf of his father, late sound engineer H Sridhar awarded for Life Time Achievement Award for Sound Recording

with the sound recording fraternity onto the stage, keeping the tempo of the awards upbeat.

Celebrities including India's most celebrated Indian composer, singer-songwriter, and music producer - **A. R. Rahman**, popular Indian playback singer

– **Sonu Nigam**, Indian composer duo – **Ehsaan Noorani** and **Loy Mendonsa** and legendary Indian percussionist – **Sivamani** also graced the Awards Ceremony.

A.R. Rahman presented the posthumous award for **LIFE TIME ACHIEVE-**



Mr. Srinivasa Murthy accepted the award for Mahaguru Award for Contribution in Music Education from A.R. Rahman



Sonu Nigam hand over the trophy to Kohinoor Mukherjee for Independent Song Mixing



Malay Wadalkar wins Independent Song Recording Award



Shadab Rayeen accepting his award for Film Song Mixing – Hindi



Jury takes a bow; (from l-r): Anil Chopra, Pramod Chandorkar, Yogesh Pradhan, Indrajit Sharma, Vijay Bengal, Ashish Saksena, Mujeeb Dadarkar and Manish Gandhi.

MENT IN SOUND RECORDING to his lifelong sound engineer, the **Late H. Sridhar**, who was instrumental in catapulting A.R. Rahman to fame and glory. Sridhar was the Chief Audio Engineer at Media Artists Chennai and among his many professional credits was the fact that he engineered all songs and background scores for A. R. Rahman. Having pioneered the use of Digital Sound for Indian films in the DTS format, Sridhar successfully completed six-track surround sound mixing for more than 200 films. The award was accepted by H. Sridhar's son, **Vinay Sridhar**.

Mr. Rahman also presented the **MAHAGURU AWARD FOR CONTRIBUTION IN MUSIC EDUCATION** to Srinivas

Murthy, Chief Mentor at the Sunshine Orchestra.

In 2012, Mr. Murthy took up the challenge and initiative of imparting music training to underprivileged kids at The Sunshine Orchestra and has been the mentor and conductor for the orchestra since then. His strict and disciplined classrooms and immense experience in the industry has helped the orchestra become what it is today.

The **LIFETIME ACHIEVEMENT AWARD FOR CONTRIBUTION TO MUSIC** went posthumously to keyboard player par excellence, the **Late Viji Manuel**.

Manuel, specially known for fusing of Jazz and rock influences into film music especially in the 80s, played

a very important role in Ilaiyaraaja's compositions, with his keyboard skills and bass guitar, and also lent his voice for a few songs and penned the lyrics for quite a few songs of the Maestro. Many of the keyboard and bass guitar players currently in the film industry still consider him a huge inspiration in their career.

Talking about the three Lifetime Achievement Award winners, **A.R. Rahman** said, "All three are really close to me. Sridhar was not just a sound engineer - he was an inspiration! When you have people who have great knowledge, the music evolves, it becomes a great song, it becomes a great score. Viji was another great inspiration for us. He

was a master in a time when there were no electronic keyboards. His style was great and it's so nice to remember him. Then Murthy, of course, when I asked him to teach the children, he said no I can't teach them; I don't know how to teach. I said I didn't know how to start a school, I did that, so you can do this."

Mr. Rahman wished the Academy a great success in years to come. "It's just a small seed sown which is growing and growing," he added.

Besides the aforementioned three jury awards, IRAA received hundreds of nominations on the IRAA website, demonstrating a fantastically growing receptiveness to the awards from studios from all over the country. **Pramod Chandorkar**, Honorary Chairman of the IRAA Award Committee 2018 and **Aditya Modi**, Award Director for IRAA 2018 focused on bringing to the limelight, new technical studio talent and awarding them for superlative engineering work. (See complete list of winners on pg 113)

The IRAA committee's efforts and vision was supported by a 10-member jury comprising of top audio engineers from across the country, who spent many hours of hard study, to scout the best work from across the country from among the nominations received. Esteemed Jury members included – **Ashish Saksena, Bishwadeep Chatterjee, Indrajit Sharma, Mujeeb Dadarkar, Vijay Bengal, Vijay Dayal and Yogesh**

SHOW REVIEW



Jyakrishnan Nalinkumar who bagged three awards at IRAA 2018



Shamik Ghuroy wins film Song Mixing- Regional



Biju James winner of Instrumental & Fusion Mixing



Sound Mixing for Advertisement award winner - Yogi Dholakia



Subash Sahoo receiving award for Sound Designer for Feature Film – Hindi



Pranam Pansare & Pramod Chandorkar awarded for Sound Designer for Feature Film – Regional



IRAA backstage; A.R. Rahman shuffles through PALM technology.



IRAA audience was a large gathering of sound engineers and the pro sound industry



Vijay Dayal & Chinmay Mistry bagged the award for Film Song Recording – Hindi



Awarded for Dubbing Engineer for Film – Hindi; Manas Mali & Aravind Vijayakumar



Pradeep Myakal wins Dubbing Engineer for Film - Regional



Anirban Borthakur winner of Sound Editor (Effects & Ambience) – Hindi

Pradhan, besides Aditya Modi and Pramod Chandorkar.

Awards were presented in five main segments:

- Audio Engineering
- Audio Post Production
- Music Production
- Recording Facility
- Education Awards

Mr. Sonu Nigam presented the awards to winners from the Audio Engineering Segment. "I respect and love you all a lot. I understand the contribution of engineers, which many people do not. Thank you for taking care of our songs. I am very happy that IRAA has initiated these awards for the engineers because the engineers are the hidden

gems of the music industry who never get their due. It is great to see all of you present here in strength including all the senior members," he said.

Ehsaan Noorani and Loy Mendonsa presented the awards in the Audio Post Production segment, while Sivamani presented the trophies to winners from the Music Production category.

With the objective of recognizing the regional music industry, the IRAA awards 2018 retained 'Regional Awards' in the Audio Engineering, Audio Post Production and Music Production segments to honour talent outside Mumbai.

"There is a very strong sentiment that talent of global standard is missing in

India. 'That' Indian singing talent that can mesmerise the world does not exist. It might in future be nurtured or born or breakthrough. Question is whether the recording arts is of global level. Is our recording talent adequate or does this missing worldwide hit have to be recorded in London where Bollywood tracks are mastered?," stated Anil Chopra in his keynote address.

"India has two nodes in music recording. One is Chennai the other Mumbai. Both centres have delivered outstanding music, which this great country with all its diversity has loved and heard and rejoiced and these songs have become our culture. I have great expectations, that next year, at the 13th IRAA, we hon-

our 'That' song and track that rocks the world - be it English or Hindi or Tamil or any language," he added.

Meanwhile the organisers are aiming to register one-lakh members to the Academy, who will drive the IRAA awards forward. All sound engineers, music professionals and music industry technicians are invited to register for membership on www.iraa.in.

"While recording engineers work as a body and make the awards, the formal Academy is a work in progress which will begin initiating members soon. Hopefully, by 2019 we have a body of members who will get to vote their choice from nominations short listed," concluded Mr. Anil Chopra.



L-r: A.R Rahman, Anil Chopra, Manish Gandhi and Ramesh Chetwani



Siddhesh Sardesai accepts award for Sound Editor (Effects & Ambience) – Regional



Sanket Dhotkar & Adwait Walujkar - winners for Foley Artist for Documentaries/ Short Films



Karan Arjun Singh & team bagged the award for Foley Artist – Hindi



Anuj Mathur (r) & Sam Paul are awarded for Film Mixing – Hindi



Winner of Broadcast Mixing (Music Oriented) – Hindi award Mahesh S Amberkar



Meghdeep Bose wins awarded for Music Producer (Hindi Film Song) from Sivamani



Music Producer (Regional Film Song) award winner Balamurli Balu



Yash Raj Studio bagged the award for Best Studio. Gaurav Chomal - Associate General Manager of YRF & Mr. Prakash accept the award.

CATEGORY

WINNER

JURY AWARDS

Life Time Achievement Award For Sound Recording : **H.SRIDHAR**
 Mahaguru Award For Contribution In Music Education : **SRINIVAS MURTHY**
 Lifetime Achievement Award For Contribution To Music : **VJI MANUEL**

AUDIO ENGINEERING

Independent Song Recording : **MALAY VADALKAR (ENJOY IT WHILE IT LASTS)**
 Independent Song Mixing : **KOHINOOR MUKHERJEE (KAGOJER NOUKO)**
 Film Song Recording – Hindi : **VJAY DAYAL & CHINMAY MESTRY (DIL DIYAN GALLAN)**
 Film Song Mixing – Hindi: **SHAMIK GHUROY (AAJ BAJE)**
 Film Song Recording – Regional : **JAYAKRISHNAN NALINKUMAR (NJAN VARUMEE PATHAYILAAI)**
 Instrumental & Fusion Recording: **JAYAKRISHNAN NALINKUMAR (TREKE-TAY)**
 Instrumental & Fusion Mixing: **BIJU JAMES (KINGS OF MAAND)**
 Sound Mixing For Advertisement: **YOGI DHOLAKIA (WEST BENGAL TOURISM, THE SWEETEST PART OF INDIA)**

AUDIO POST PRODUCTION

Sound Designer for Feature Film - Hindi: **SUBASH SAHOO (TUMHARI SULU)**
 Sync Sound Recording - Hindi Film: **BAYLON FONSECA / DHIMAN KARMAKAR (RAEES)**
 Sound Designer for Feature Film – Regional: **PRANAM PANSARE & PRAMOD CHANDORKAR (FASTER FENE)**
 Sound Designer for Documentaries/Short Films: **BAYLON FONSECA (WATERBABY)**
 Dubbing Engineer for Film - Hindi: **MANAS MALI / ARAVIND VIJAYAKUMAR (HASEENA PARKER)**

CATEGORY

WINNER

Dubbing Engineer for Film - Regional: **PRADEEP MYAKAL (FASTER FENE)**
 Sound Editor (Effects & Ambience) - Hindi: **ANIRBAN BORTHAKUR / SUBASH SAHOO (TUMHARI SULU)**
 Sound Editor (Effects & Ambience) - Regional: **SIDDHESH SARDESAI (FASTER FENE)**
 Sound Editor (Effects & Ambience) for Documentaries/Short Films: **MILANN JOHN / BAYLON FONSECA (NOTES OF A CRAFTSMAN)**
 Foley Artist for Documentaries/Short Films: **SANKET DHOTKAR / ADWAIT WALUJKAR (TIFFIN BOX - SHORT FILM)**
 Foley Artist – Hindi: **KARAN ARJUN SINGH / BAYLON FONSECA (RAEES)**
 Foley Artist – Regional: **MOHAMMAD IQBAL (EZRA - MALAYALAM MOVIE)**
 Film Mixing - Hindi: **ANUJ MATHUR / SAM PAUL / BAYLON FONSECA (RAEES)**
 Film Mixing – Regional: **PRANAM PANSARE (FASTER FENE)**
 Broadcast Mixing (Music Oriented) – Hindi: **MAHESH S AMBERKAR (THE VOICE KIDS SEASON 2 – EPISODE 13)**

MUSIC PRODUCTION

Music Producer (Hindi Film Song): **MEGHDEEP BOSE (UFF YE NOOR) MOVIE: NOOR**
 Music Producer (Regional Film Song): **BALAMURLI BALU (PEECHAANKAI) PEECHAANKAI**
 Music Producer (Independent): **MEGHDEEP BOSE (TOMAR HOLO SHORU)**

RECORDING FACILITY

Best Studio: **YASH RAJ STUDIO**

EDUCATION AWARDS

Dronacharya Award for Teachers in Audio Education : **JAYAKRISHNAN NALINKUMAR (ACADEMY: DIGITAL ACADEMY - THE FILM SCHOOL)**
 Best Audio Education Programme: **SOUND IDEAZ ACADEMY**



DJ Branden (centre) wins the coveted title

The PALM DJ Championships celebrated its 8th successful edition in 2018! Thousands of participants and aspiring, as well as established DJs thronged the venue – Hall 4 of the BEC, Mumbai, on **31st May and 1st June 2018**, proving that the Championship has established itself as the premier platform for scouting DJ talent.

The Championship has played a crucial role in the growth of DJ Culture in India and is regarded as one of the most prestigious DJ Competitions held in the country. Since it first started in 2001, the championship has made waves and delivered many Champion DJs who have created a niche for themselves in this very competitive industry.

While Palm DJ championship 2017 introduced a DJing phenomenon - DJ Atom - Bass Boy, a 10-year-old wunderkind who won the 2017 title with his insane DJing skills, others like DJ Ashitosh (2016 1st Runner Up) qualified in DMC online world DJ championship 2017 and was placed 6th out of 29 participants, and DJ Atharva Sawant (2016 2nd runner up) participated in a remix competition held by Dutch record label - Spinning Records, which saw his track on number 7 in charts worldwide. Many other winners have since earned many gigs in clubs and big stage music festivals.

PALM DJ Championship draws artistry from across the country

Branden Credo bags Championship Title

The DJ Championship 2018 process involved shortlisting 20 contestants from hundreds of online registrations received on the PALM expo website. A preview of the registrant's previous work was taken into consideration while choosing the 20 contestants who got an opportunity to battle it out in the qualification rounds that took place on 31st May – the first day of the PALM expo.

10 finalists from among the 20 contestants who got their 4 minutes of fame on the PALM DJ Championship stage were selected for the DJ Championship Finale, which took place on 1st June - the second day of the PALM expo. Three from among these 10 finalists then went on to win the prestigious titles.

Hailing from Mumbai, **DJ Braden** beat the odds to triumph over some of the strongest competition and come

out on top, winning the coveted PALM DJ Championship title 2018. **DJ Altrax** from Surat, secured his spot in the top three winning the first-runner up position followed by **DJ Shubham** from Mumbai who came a close third.

The participants were provided a **Pioneer CDJ2000NXS** and **DJM900NXS** to showcase their talent. All contestants are expected to carry their own music (Vinyl, CDs and/or pen drives), Headphones, Slip Mats & Needles.

A minimum of three tracks were played by each of the contestants, which were judged by an esteemed panel of judges comprising of **DJ Championship Director - DJ Reji Ravindran, DJ Ali Merchant** and **DJ KD**. A maximum of 50 points were allotted for each Contestant on criteria that included, Track Selection, Technical Skills, Creativity, Confidence, Crowd Response
DJ Reji, who has contributed a lot

of energy to this talent hunt platform, adding significantly to its success, says, "The PALM DJ Championship of 2018 was a spectacular event & probably the best so far. All the winners were really skilled and put out their best to win the much coveted prizes by our esteemed sponsors. 2018 really did raise the bar of excellence in competence & performance for participants in the coming years. So I am stoked to see what's in store at the next edition of India's biggest DJ battle."

Confirming their visionary support to the industry were - **Platinum Partners Denon DJ** and **Co Partners Antelope Audio**. Financial support provided by the partners was a key element to the planning and logistics of the DJ Championship. **Sound Partners – OHM**, ensured optimum sound delivery at the Championship Venue.

PALM also hosted a FREE DJ work-

SHOW REVIEW



Anil Chopra Centre with Nilesch Thomas (l) from True School of Music and Championship Director Reji Ravindran

shop in conjunction with Platinum Partners – Denon DJ before the doors open at the qualifying rounds on Day 1. This workshop by **DJ Frank Hann** primarily focused on the Denon Prime DJ system and traced the journey of Denon DJ - from its roots. The session highlighted the core technology behind Denon Prime and wrapped up with an open Q&A round.

While the focus is on nurturing DJ talent in India, the Championship also lays a lot of importance on the prizes. The emphasis is also that the winners go home with top quality industry standard gear that will take their craft to the next level.

While, **Premium Prize Partners** – **Reloop** sponsored the **Reloop Touch, Reloop BeatMix 4** and **Reloop MixTour** for the winner, first runner-up and second runner respectively, **Akai** sponsored the **APC40MKII** for

the top three winners. Other prizes included **MX DJ 1000 headphones** by **MX MDR** for the top 10 finalists, a **Roland DJ-99** for the title winner, who also got a paid club gig, courtesy – **Ali Merchant**. **Numark** sponsored the **Numark PT01 Scratch** for the, 4th, 5th 6th and 7th finalist, while **Alesis** sponsored the **Q49 synth** for the last three finalists from the top 10.

TSM, Mumbai in association with **Point Blank Music school, UK** sponsored the **N1 Komplett 11 & Ableton Live** for the winner, 4 hours private study with **Point Blank DJ Instructor** at TSM and **6 hours DJ room access** for the first runner up and **Access Pass for Point Blank certified Pro DJ workshop** at TSM for the ten who reached the qualifying round but did not make it to the top 10.



Rejoy Jos competing at the PALM DJ Championship 2018

DJ POWER

H-1
LED MOVING HEAD
FOG MACHINE

X-4 LED
LED CO₂ JET (2 in 1)

R-6
FOUR-OUTPUT ELECTRIC
CONFETTI LAUNCHER

DSK-1500VS
LED VERTICAL
FOG MACHINE

V-1
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HARMAN delivers an eclectic mix of music genres at the **LIVE ARENA** at PALM 2018

For the 9th consecutive year HARMAN powered the Live Arena at PALM and similar to the previous eight editions the company demoed advanced sound and lighting systems from the JBL and Martin Lighting bouquet of products, through a three-day live musical performance, featuring popular and budding artists and bands from the country's independent music scene.

The HARMAN Live Arena featured performances by **Sivamani, Louis Banks, V Selvaganesh, Kabir Café, Ranjit Barot** and **Niladri Kumar** who enthralled the crowds with their music. (Schedule in adjoining box).

The three-day music festival delivered an eclectic mix of genres like classical, Bollywood, progressive rock, neo-fusion rock, Indo-Jazz Fusion and more

HARMAN's Professional Solutions division in India also signed on popular Indo-Canadian singer and performing artist, **Jonita Gandhi** and percussionist, composer **Taufiq Qureshi** as its newest brand ambassadors.

HARMAN announced that singer Jonita Gandhi and leading percussionist, composer Taufiq Qureshi have joined the illustrious list of HARMAN Professional India's brand ambassadors, which include Sivamani, Niladri Kumar,

Ranjit Barot and Kabir Café. Jonita an Indo-Canadian playback artist, has to her credit, a number of Bollywood tracks from movies such as *Ae Dil Hai Mushkil*, *Chennai Express* and *Highway* and is a regular performer at concerts of A. R. Rahman, Amit Trivedi, Sonu Nigam, Pritam and Salim-Sulaiman. Ace percussionist and acclaimed composers Taufiq Qureshi is recognized for his trend-setting work.

The Live Arena culminated in an audio-visual feast for the senses with renowned performers in the Indian music scene and state-of-the-art products from all the Harman brands in the live domain.

HARMAN Live Arena 2018 Schedule

31 May	1 June	2 June
A. Siwmani & Harmeet Manseta	Daira	Giridhar Udupa & Friends
Kabir Cafe	V. Selvaganesh & S. Swaminathan	Coshish
Samira Koppikar	Dipesh Varma feat. Shikhar Naad, Satyajit & Taal Mantra	Louiz Banks Guitar Synergy
Mitali Khargonkar Collective	Ravi Chary Crossing	Niladri Kumar
Taufiq Qureshi & his band Mumbai Stamp	Adil Manuel Collective	Ranjit Barot presents Superphonic & Musafir



Harman Brand Ambassador Ranjit Barot Performs at the Harman Live Arena

7th edition of **PALM Sound & Light Awards** honours and celebrates excellence in **Stage Sound Light**

Anindya Mukherjee of Sonodyne Electronics felicitated with the award for Corporate Executive Excellence in Indian Pro Sound Industry

The PALM Sound & Light 2018 concluded with a glittering award ceremony on **June 1st 2018** at **Hotel Sahara Star**, Mumbai. The top echelons of India's Stage Sound and Light business gathered at the hotel's Jade Ballroom to receive the awards and cheer their peers from the industry.

The award ceremonies which began with a welcome address by **Anil Chopra**, Founder of the Awards, saw a total of **20 awards** being presented across three main segments - **Sound & Light engineers and designers, Event Organizers and Event Production, Pro Sound and Light manufacturers and distributors.**

Warren Dsouza, Founder and Managing Director of India's foremost sound rental company – Sound.com, delivered the Keynote address on the State of the Events Industry in India.

"6 million dollars to book an artist! That was Justin Bieber Concert in India

for you. It changed everything; never ever has such an artist fee been paid for in India. There were many other concerts in India where tickets sold in one hour forty minutes flat and you could not get tickets after that. What I want to actually point out to is the seriousness of the audio, lighting, video for production industry in India. The dynamics are changing completely," he said.

The awards presented by Anil Chopra and **Manish Gandhi**, COO & Director, ABEC Exhibitions and Conferences Pvt. Ltd. was designed to recognise a job well done and to reward products which are making a difference to technique and trend in usage and which are actually being used in the marketplace.

Constituted in recognition of the market in India and global tech and products, the aim of these awards is also to act as a catalyst for the market

Ed Sheeran, Justin Bieber, Dream

Theatre and One Republic to Jason De-rulo and Clean Bandit, a host of popular international acts made their Indian debut in 2017-2018, validating that India is fast becoming the top destination for popular international acts.

The first set of awards, honoured

those creative and technical geniuses - the Sound & Light technicians who worked behind the scenes to make these, and other high-profile live stage acts what they were.

The first Award of the evening for **Audio FOH Engineer**, for delivering



Anil Chopra addresses the audience at the awards



Winners of PALM Sound & Light Awards 2018

SHOW REVIEW



Warren D'Souza delivers the Keynote address



Sunil Karanjikar & Warren D'Souza are Audio Systems Engineers of the year



Nikhil Mulay winner of Audio FOH Engineer award 2018 with Manish Gandhi, Anil Chopra and Ramesh Chetwani.



Varsha Jain, Director of Artrageous Design Studio collected the Excellence in Stage Design & Concept award for her company



Raghu Ramankutty wins Audio Monitor Engineer award



Global Communication.com won the Led Rental award collected by Jitendra Joshi, founder of the company.

outstanding Front of House (FOH) mix while working with various artists for live events 2017-2018, went to **Nikhil Mulay** for his work with popular artistes like Papon, Sachin Jigar, Lucky Ali.

The next award for delivering outstanding **Audio Systems Design**, calibration and alignment for the India leg of *Justin Bieber's Purpose World Tour*, went to India's top Systems Engineers - **Warren Dsouza** and **Sunil Karanjikar**, who engineered the audio systems and executed their expertise to set up the audio for a show of humon-

gous magnitude.

Awarded for delivering outstanding Monitor mix for A.R.Rahman's *Netru Indru Naalai* Live Concert, Chennai and Live Concert Dubai, the award for **Audio Monitor Engineer** went to **Raghu Ramankutty**. Resident Engineer and employee of India's leading audio rental company SOUND.COM, Ramankutty is currently one of India's foremost monitor mix engineers and has also been the audio monitor engineer at the very popular PALM HARMAN Live Arena for many years.

The next award for **Lighting Designer** for delivering world-class alluring lighting designs in 2017-2018 for live events, went to **Roosevelt Dsouza**. His body of work over the past year, included eclectic designs for shows like *Sonu Nigam Live in Dubai*, *Mood Indigo 2017*, *Arman Malik Live*, *Shreya Ghosal Live* and lighting install at the *Finch* restaurant Mumbai.

The next segment of awards was for the Event Organizers - the men (and women) behind the conceptualisation, planning and execution of the event.

A beautifully detailed, massive ship was created to visually portray the Maestro A.R. Rahman at the helm sailing across four cities along with an ensemble of supremely talented musicians. Stunningly intricate, superbly complex, the set was a work of Art. The first award in this segment for **Excellence In Stage Design & Concept** went to the woman behind this work of art - **Varsha Jain** of **Artrageous Design Studio**. The Design Studio's body of work in the past year includes Supersonic, Kids Choice Awards, Disney's Alladin and the AR



Ashish Mehta accepts the award for Lighting Rental for Star Dimensions India Pvt. Ltd.



Best Professional Audio Product award won by HARMAN International USA. Prashant Govindan and the HARMAN India team accept the award



Warren D'Souza collected Event Management Company award on behalf of White Fox India



The Excellence In Lighting Integration For Venues award 2018 won by LBT. Eshdeep Bhasin receives the award



L-r: Kekul Shah, Christian Hertel, Rasesh Parekh and Sebastian Wissmann accepts the award for Lighting Product Innovation for MADRIX



NJSM team of Sanchet Suvarna, Nixon Jhonny and Sachit Subramanian receive the award for Sound Rental company of the year

Rahman Encore Tour, amongst others. Successful live event production is no small task and the next award for **Excellence In Stage Production** went to the man behind the splendid production of some of the most successful live events and concerts organised in India recently such as the *Ed Sheeran Divide Tour*, *A.R. Rahman Encore* and *One Republic – Vinay Agarwal*.

For maintaining quality LED equipment, for stages across scale and size and for service & delivery in the field of professional LED Rentals for live events 2017-2018, the award for **LED Rental Company** was won by **Global Communication.com**.

For the second consecutive year, the award for **Lighting Rental** company of the year went to **Star Dimensions**, Mumbai for blinding the festival circuit with their lights in live events like *Justin Bieber Purpose Tour*, *ED Sheeran India concert*, *One Republic Concert*, *Enchanted Valley Carnival*, *NH7 Weekender*, *VH1 Supersonic Festival 2018*, *Sunburn 2018*, *Road to Ultra* and many more.

The next award for **Sound Rental**, for maintaining high standards of quality equipment and service delivery in the field of professional audio rentals for live events went to **NJSM**. Investment into quality sound equipment and a fresh business outlook broad-

ened this company's horizon on the festival circuit in India in 2017-2018. The company engaged in some impressive projects in 2017-2018, which included live stage events like *KSHMR -Kolkata*, *KyGO - Mumbai*, *Amit Trivedi Live*, *Vishal Shekhar live*, *Boroplus Gold Awards 2017*, *Sunburn Festival* and many more.

The next coveted award for **Event Promoter** of the year went to **White Fox India** for bringing to India, Justin Bieber, one of the most popular, contemporary global music stars to grace Indian shores since Michael Jackson in the late 1990s. Having brought down some of the biggest names in the electronic music realm like David Guetta, Hardwell,

Tiesto, Above & Beyond, Axwell, Steve Aoki and many more, Whitefox India set a new standard when it succeeded in getting Bieber to India.

The PALM Expo, over the last 18 years, has introduced the latest technology, in pro audio engineering, on its expo floor. The next set of awards was for these technology companies who are offering superlative products and solutions to the Live Entertainment industry.

Most cosmopolitan cities in India today boast of rooftop cocktail bars, lounges, Bollywood hangouts and pubs with stunning lighting integration and the award for **Excellence In Lighting Integration For Venues** was bagged

SHOW REVIEW



The award for Best Technology Innovation went to Bose Professional. Vibhore Khanna and the Bose India team accept the award.



BV Nagpal and Karan Nagpal accept the award for Distributor of The Year Award for their company Sonotone Audio LLP



Rajan Gupta and his Hi-tech Team bag two awards - Distributor of The Year & Excellence in AV Integration (Project).



Corporate Executive Excellence in Indian Pro Sound & Light Industry awarded to Anindya Mukherjee



Anil Chopra & Manish Gandhi with the China delegation

by Delhi based **LBT** for the splendid lighting install at the *Playboy Club Delhi*, which has redefined luxury and nightlife experience in Delhi.

The next award for **Excellence In Av Integration (Project)**, went to **Hi-Tech Audio Systems India Pvt. Ltd.** for the ambitious *Madame Tussauds, Delhi* project. The Audio-visual Install conceptualized and designed by Hi-Tech Audio, created a visual identity for the museum by highlighting the interactive fundamentals of the museum. Readers can catch the full story in the Mar-Apr issue of PALM technology magazine on www.palmtechnology.in

For working closely with event planners to deliver a safe and innovative solution in Truss Design, the award for **Achievement In Trussing Design & Solution** went to **Modern Stage Service** for the specially designed truss grid supplied for the VIVA LA POLARIS event.

The award for **Lighting Product Innovation** for bringing in exemplary innovations in lighting technology, and opening up lighting creativity opportunities for entertainment venues and lighting design engineers, went to the powerful LED lighting control software **Madrix**.

The next award for **Best Professional Audio Product**, which redefines ap-

plication, went to **HARMAN** for the *JBL Eon One pro*, Rechargeable All-in-One Portable PA launched in 2017. The JBL EON ONE established a new standard for mobile sound reinforcement, and the EON ONE PRO took that even further with battery-powered operation, and a broader range of connectivity and control options.

The next award for **Best Technology Innovation**, for bringing in exemplary innovations in audio engineering went to **Bose Professional** for the *EdgeMax* loudspeakers, featuring proprietary *Bose PhaseGuide* technology.

Two of India's top most distribu-

tors - **Sonotone Audio and Hi-Tech Audio Systems Pvt. Ltd.**, shared the next award for **Distributor of the Year**, for establishing excellent countrywide dealership and distribution of pro audio products across the country.

The last award of the evening - the award for **Corporate Executive Excellence in Indian Pro Sound & Light Industry** went to a name that needs no introduction. Awarded in recognition of his acumen in manufacturing and developing global distribution of "Made in India" pro audio products, this coveted award went to **Anindya Mukherjee** of Sonodyne.