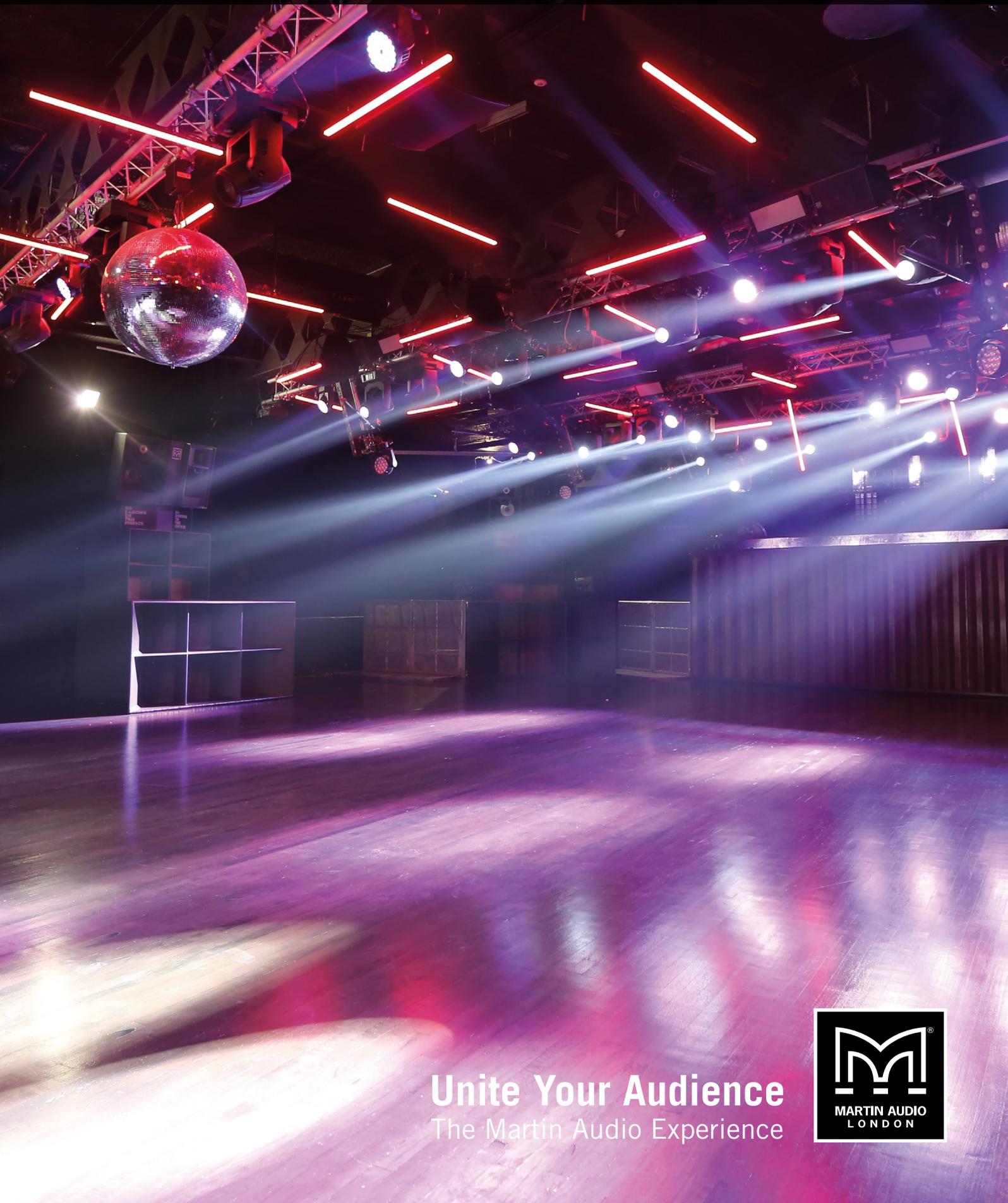


CASE STUDIES

# Nightclubs



**Unite Your Audience**  
The Martin Audio Experience



## Martin Audio

At Martin Audio we believe that uniting audiences with exciting sound creates shared memories that sear into the consciousness delivering more successful tours, events and repeatedly packed venues.

We achieve this by an obsessive attention to detail on the professional sound system's acoustic performance, frequently challenging convention and involving a sophisticated mix of design, research, mathematical modelling and software engineering, to deliver dynamic, full-frequency sound right across the audience.

With over fifty years of live sound and installation expertise to our name, Martin Audio offers a wide range of premium professional loudspeakers so customers can be assured of selecting the right system for their chosen application, whether it's a small scale installation or a festival for over 150,000 people.



## Nightclubs

Martin Audio enjoys an enviable reputation in the night club scene having successfully integrated custom designs and standard product lines that have won notable venues prestigious awards, united dance floors and put smiles on the faces of everyone that hears the Martin Audio Experience.

## Ministry of Sound, London

Martin Audio's relationship with Ministry of Sound runs very deep, and across the last decade we have been responsible for delivering the complete sound system throughout the club, everything from our Contractor ceiling speakers and Blackline system through to the now legendary custom 5-way 6 stack in their main room, The Box.

Ministry of Sound's desire to have a closeness of relationship with a premium loudspeaker manufacturer and their collective belief in the quality of the Martin Audio experience has been rewarded with the Best Club Sound System Design at the IDMA for four consecutive years from 2010 to 2013.

**“ IT IS AN INCREDIBLE ACHIEVEMENT TO HAVE WON THIS AWARD ONCE AGAIN, AND IS A TESTAMENT TO THE CAPABILITY OF A SOUND SYSTEM THAT JUST KEEPS ON PUTTING SMILES ON FACES**

The specification saw eight W8LC Compact Line Array enclosures distributed in two drops of four, for main coverage at The Bar. A further four W8LM Mini Line Array boxes were configured in two hangs of two per side (as side fills) and a pair of Blackline S218 as subwoofers.





Ministry of Sound, London

The Bar's DJ booth also housed two Blackline F12's and a single S15 sub for DJ referencing. The Baby Box housed four each of the larger Blackline F15 and S218 subs with a pair of F8's as infill under the balcony area with two Blackline F12's used as the DJ monitors.

The main VIP room had a selection of four Blackline F10's and a single S218, allowing The Ministry to maximise the use of the room — from full-on party to background low level music.

Audio components in all other peripheral areas were also updated, such as entrance walkway, private VVIP rooms and outside courtyard to keep a well-balanced sound running throughout the club. As a result, sound in the VVIP Room was reinforced through four Contractor series C115's while the entrance corridor has four AQ6's (finished in white) and in the outside courtyard the sound was distributed through a pair of black AQ8's.

Onto the bespoke club stack, for its main room –The Box. Martin Audio's R&D Director, Jason Baird designed what is now the timeless six-stack 5-way hybrid sound-field. Designing custom versions of the AS118 bass and Wavefront W8C mid-high cabinets, with two 21" ASX subs form the base of each of the six stacks around the

**“OUR SUCCESS IN THIS FIELD REALLY IS A TRIBUTE TO THE HARD WORK OF EVERYONE INVOLVED IN THE PLANNING, DEVELOPMENT AND REFINEMENT WORK WHICH WENT INTO THE SOUND SYSTEM**

perimeter of the dancefloor, coupled with a custom horn flare. The flare not only met the MoS management brief that the design should retain the physical presence of the old stacks, but at the same time enabled more output to be generated with better horizontal directivity. “By accurately aiming the stacks, we could broaden out the low frequencies to cover the whole of the dancefloor,” he rationalised.

On winning the IDMA for the fourth time, Jason commented “It is an incredible achievement to have won this award once again, and is a testament to the capability of a sound system that just keeps on putting smiles on faces.” Ministry production manager Chris Thoms added, “Our success in this field really is a tribute to the hard work of everyone involved in the planning, development and refinement work which went into the Martin Audio sound system.”

## Ministry of Sound Adds CDD for Dolby Atmos Install



Ministry of Sound, London

The world famous Ministry of Sound (MoS) nightclub, which runs Martin Audio sound systems exclusively throughout its London venue, has extended its long partnership with the British manufacturer by installing 16 of the company's new CDD15 (Coaxial Differential Dispersion) installation speakers in the ceiling of 'The Box', its premier dance room.

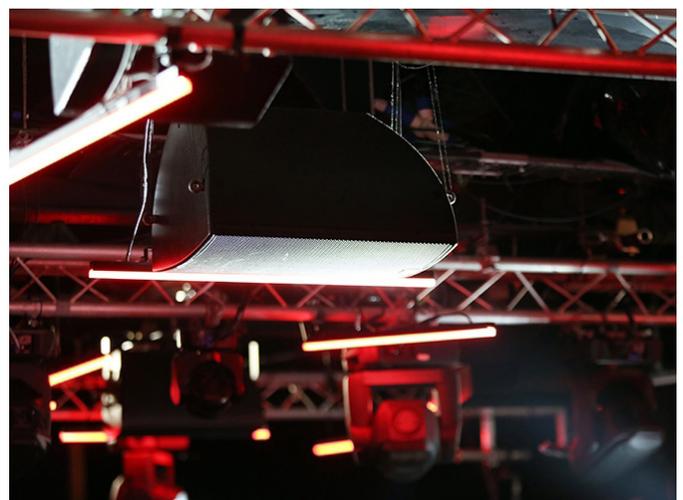
This will enable the club to utilise Dolby Atmos sound technology. Dolby Atmos transforms music performances by allowing sound to move anywhere around a room, even overhead.

The new year will see the first in a number of Dolby Atmos enabled events, kicked off by Hospital Records on January 23, utilising 22 Martin Audio loudspeaker channels.

Incorporating synchronised lighting cues, generated from music mixed in Dolby Atmos, Ministry of Sound will immerse visitors in unprecedented soundscapes delivered through the new Martin Audio CDD's and the existing ring of six bespoke Martin Audio ground stacks, positioned around the dance floor.

The additional speakers are designed to enhance the club's existing setup and change the perception of the way music is heard, confirms MoS production manager, Chris Thoms.

"When Dolby decided to introduce Dolby Atmos to the club world they were looking for a flagship venue to showcase it. We were approached both as a business and a music company — but more importantly we already had a six-point system set up, and The Box is an acoustically treated space — so it was a perfect fit.



“We told Dolby we wanted to maintain consistency with Martin Audio, so I contacted Jason Baird [Martin Audio’s R&D Director]. We discussed various options and he recommended the CDD15 because of its coverage and power output — and the fact that it could compete with the SPL level of our existing stacks and give us enough punch.”

Thoms explains the unique sound panning principle. “With our current dance stack configuration you have always been able to get a Left/Right stereo pan wherever you are standing in the club. With Dolby Atmos, content is free from channel restrictions, allowing artists to pan individual audio objects anywhere across a room, including overhead, while maintaining the original stereo bed.”

The installation proved challenging due to an already congested ceiling. “It’s very tight because we have all the H&V and lot of fixtures up there. In that respect the mounting options on the CDD were useful — half the speakers are on yokes and a few are on steel suspensions. They are set at a

uniform distance of 2.3m apart in a grid because they have to be close together to provide the best coverage for spatial elements.”

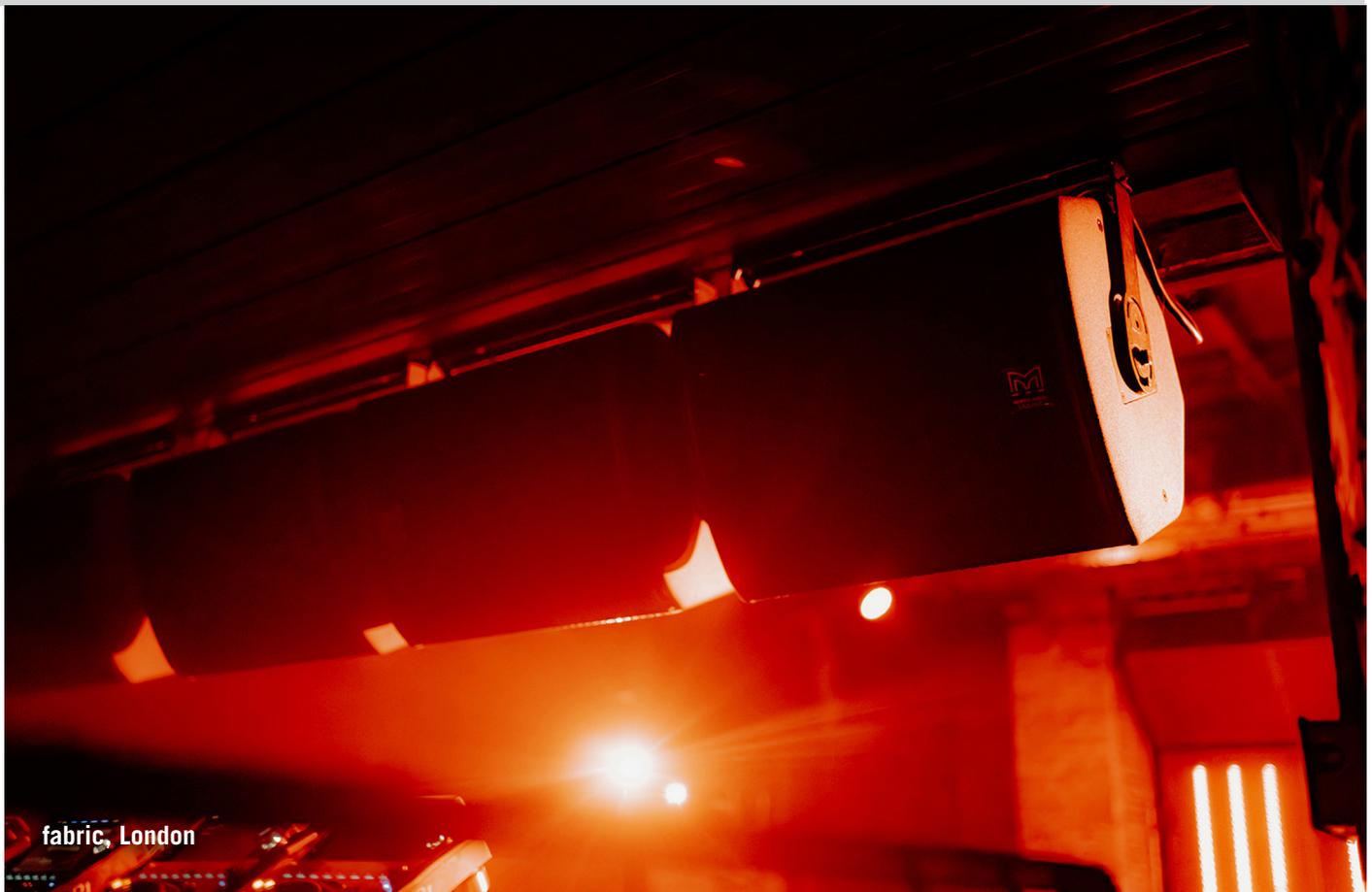
Hospital Records is hosting the first event and producers and artists from the label have been working closely with Dolby to master their music in Dolby Atmos. “We are delighted to have the new Martin Audio speakers installed,” states Thoms. “They have become perfectly integrated into the existing sound system infrastructure to support a Dolby Atmos performance.”

In conclusion, Lohan Presencer, CEO, Ministry of Sound, states, “The sound system in The Box is the best in any nightclub anywhere in the world — but for our 25th anniversary next year, we wanted to raise the bar even higher. Dolby Atmos allows our patrons to experience the future of dance music, creating multidimensional soundscapes the likes of which have never been heard before in a nightclub environment.”



“ THE SOUND SYSTEM IN THE BOX IS THE BEST IN ANY NIGHTCLUB ANYWHERE IN THE WORLD

## Fabric London Extends Enduring Relationship with Martin Audio



fabric London has extended its relationship with Martin Audio dating back nearly quarter of a century, by announcing a substantial upgrade to its flagship Room One.

Since the installation of Martin Audio W8C, Blacklines and WSX subwoofers at the start of the new millennium the club has never looked back, having gone through several generations of Martin Audio systems—maintaining its faith in the state-of-the-art sound systems, offered to its roster of world class DJs.

But when it came to the latest refresh, technical manager Matt Smith decided to follow a different path. Nervous at the prospect of losing what he describes as “that distinctive Room 1 sound” he asked Martin Audio if they would overhaul the existing 20-year-old W8L line array by fitting it with new drivers. And such is the close relationship that has endured between these two premier brands, the High Wycombe manufacturer was happy to oblige.

However, it was quite a journey before that decision was reached, and involved auditioning several different brands. “Although they all sounded amazing it was just going to change the character of what the room was about,” Smith acknowledges. He was also mindful that it had been fabric founder Keith Reilly who had countenanced the original switch to Martin Audio “and that there was a romanticism about this system.”

Finally, he consulted the club’s inner pool of promoters, DJs and sound engineers, along with his in-house team:

“they were unanimous that we should renovate in order to retain the signature Martin Audio sound and preserve what is quite a historic installation.”

Where Matt Smith has been particularly clever is in supporting the re-energized mid-tops with an entirely end-to-end Martin Audio infrastructure, including SHX218 2 x 18” subs, iKON multi-channel DSP amplifiers, new FlexPoint speakers and XE300—at the same time repurposing the classic and utility Blackline F12s that have delivered DJs’ reference sound up in the booth.

The new Room 1 layout offers the familiar sight of the four newly powder-coated four W8L, two left and right on the stage, matched with repurposed W8C, two left and right at the back.

The eight SHX218 subwoofers, designed in a broadside array under the front of the stage, represent a piece of construction genius, once the club had decided to revert to a horn hybrid. Because these are much bigger, we had to take the wheels off and enlarge the cavities under the stage. Now you can barely get a Rizla between the bass bins and the wall!” quips Smith. Providing design support for time alignment of the sub arrays were Martin Audio’s technical support team of Dan Orton, Ben Tucker and Paul Connaughton.

But it’s “under the hood”, to use Matt Smith’s words, that the magic takes place—with 10 Martin Audio iKON amplifiers (9x iK42 running the bulk of the system, with a

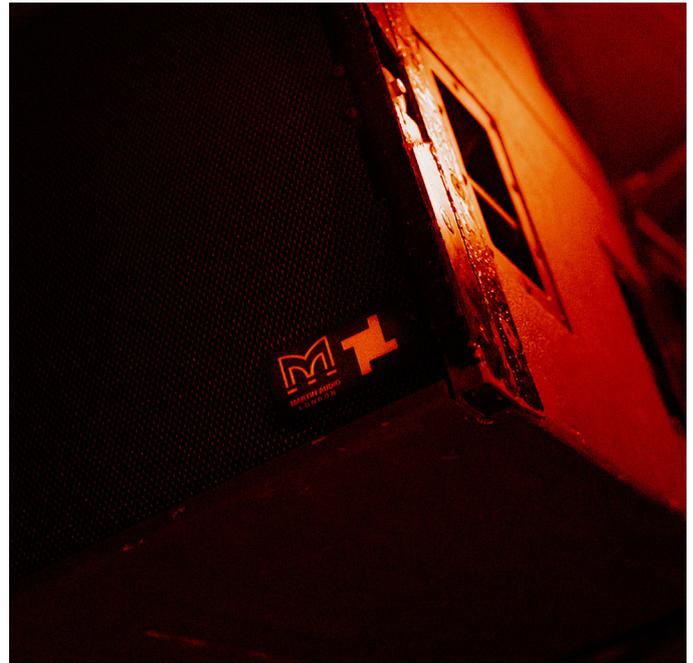
single iK81 driving the MF / HF for the main enclosures).

The club's original DSP and networking had been entrusted to the Soundweb environment but the DSP for the sub array, along with delay times and all presets have now transferred to the process-controlled iKONs. "The amps are immensely powerful," notes Smith, "and I think we would do some structural damage if we turned them up to their max."

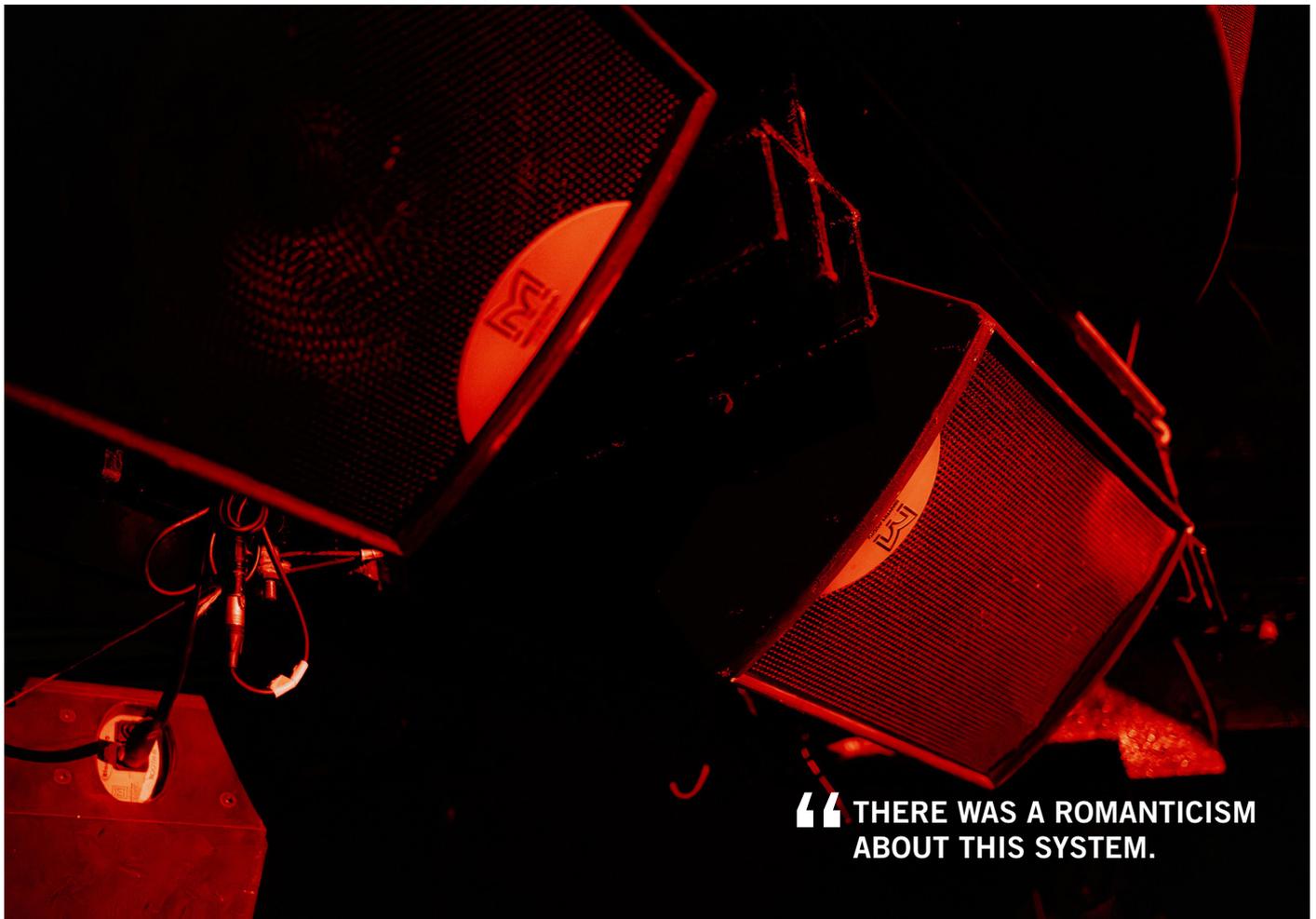
"It's nice because we are just ticking over with our outputs on the amps whereas before we would have physically needed to constantly check [our amps] just before peak. The beauty of the iKONs is that they self-monitor and with the processing now taking place in the iKONs, we can monitor them remotely via [Martin Audio's] VU-NET software."

Meanwhile, four of the recently launched FlexPoint FP12's have replaced those original, custom-built Blackline F12s in the DJ booth, the latter redeployed to rear downfill duties "to make the size of the dancefloor a bit bigger." New X15s distribute sound at mezzanine level along with two further repurposed Blackline F15s. Finally, four additional XE300 are available for nightsfeaturing live bands or MCs."

Although the installation is taking place in phases, the verdict to date fromfabric's technical manager is already 100% positive. "The new system delivers a lot more power, and with the power availability of the amps we are never going to get near peaking. It's very clean, tight and punchy ... but it's not about volume for us, we want to keep it sounding good rather than loud."



And, of course, aside from the romance associated with preserving Martin Audio's legacy system, there is also the emotional attachment with the custom F12s. "The number of DJs they've seen in Room 1, those F12s ... you just can't get rid of them ," concludes Matt Smith. "Fortunately, we've found a really good use for them, and they are doing a great job in their new place."



**“ THERE WAS A ROMANTICISM ABOUT THIS SYSTEM.**

## Martin Audio CDD And BlacklineX for Karova Club



**Karova Club, Warsaw**

The new Karova Club in Warsaw has opened, with an advanced technology infrastructure. As a central component of the AV fit-out, Phono Media, Martin Audio's recently-appointed Polish distributor, supplied system integrator, LFX, with a CDD (Coaxial Differential Dispersion) and BlacklineX solution to fulfil the owners' request for the Martin Audio brand cachet.

Explains Phono Media director Jacek Stanislawski: "This is a brand new club and the owner approached them for a quotation, believing that Martin Audio would be a perfect solution for the club sound. The owner, Marcin, has a lot of knowledge and passion for sound and he demands the same high quality as he would expect at home. His goal was to provide hi-fi quality to achieve the same result with classic club music.

"Once LFX had made a presentation, showing references of installations at the Ministry of Sound and fabric—and we had carried out a listening demo with CDD—they were sold."

The 400-capacity venue is divided into two DJ booths and four other music zones — including a VIP area, Patio Smoking Room.

To achieve even coverage throughout they proposed four CDD12 and four CSX118 subwoofers as the main dancefloor sound. For stage sound they provided four Blackline X8 and Blackline X210 sub.

Project managing the installation were Jacek Stanislawski and LFX owner, Maciek Karczynski. Lukasz Rybinski was responsible for tuning the system, using Martin Audio's proprietary VU-NET, along with Smart software.

### “ THE CDD SPEAKERS OFFER GREAT TRANSPARENCY AND FULFIL THE CLIENT'S REQUIREMENTS 100% ”

In summary, Stanislawski said, "The CDD speakers offer great transparency and fulfil the client's requirements 100%. In the short time we have been distributing Martin Audio we have carried out a number of installations with their systems, including Club 54."



## Mumu Nightclub Receives Bespoke Av Set Up with Martin Audio



Mumu nightclub, UK

Maidstone's MuMu nightclub, known for its vibrant and energetic atmosphere, recently underwent a major refurbishment after a significant fire in 2021. The nightclub, which has been a popular destination for party-goers in the region, had to shut down for several months to carry out repairs and refurbishment. However, with the recent installation of a state-of-the-art Martin Audio stereo monitoring solution by Middlesex Sound and Lighting, the chic lounge and bar is now back and ready to deliver the ultimate night out.

The unique venue, which includes a traditional Irish pub, a speakeasy, a hidden laundromat room, an eatery and dining restaurant, a newly refurbished cabaret bar, and a basement club area, presented a challenging but exciting opportunity for the team at Middlesex Sound and Lighting who were tasked with bringing back the 'wow factor.'

"The whole space is like a labyrinth!," recalled Darrel Olivier, Director of Middlesex Sound and Lighting. "The main room is accessed via a small corridor which leads upstairs and along the way, there are these washing machines with quirky content displayed in the centre of them, spinning around. On the upper level, there's an eatery and dining restaurant with a newly refurbished cabaret bar, and then downstairs in the basement is a new club area, which we were involved in creating."

The AV crew had to pay attention to the aesthetics, such as using more compact enclosures in the booth seating areas, concealed subwoofers, and a clean finish from both the lighting and audio perspectives. For audio, the crew went with Martin Audio boxes throughout the venue, with an emphasis on coverage and quality of sound to ensure a vibrant customer experience.

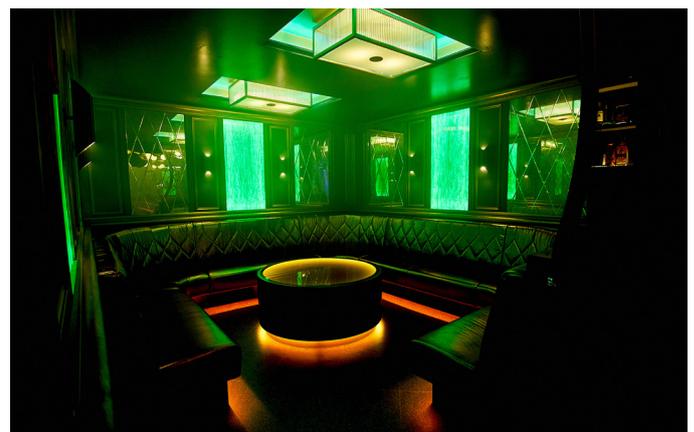
It is the ADORN family that greets guests, with ACS-55TS ceiling speakers covering the entrance lobby, customer routes and toilets. In the club itself the main dancefloor is covered by Blackline X12s with low end support from a pair of Blackline X118 single 18" subs. The Blackline

family is also in the DJ booth with Blackline X10s serving as stereo monitors. Supplementing the dancefloor system in the booths and peripheral areas are CDD6 cabinets with SX110 10" slimline subs concealed within the banquette seating.

The amplification is driven by Powersoft and controlled by a Symetrix Prism DSP and controller in the DJ booth. They also have full zoning control and have included pre-sets for the venue's staff, as they plan to use the space for brunch and lunch events in addition to operating as a nightclub. "It was a solid team effort and I think the final result speaks for itself – it looks and sounds fantastic!" Olivier added.

Reflecting on the install, and the results that MuMu has seen, Olivier stated: "They are thrilled to have the new Martin Audio system installed at the club. It's really made a difference to the sound quality and their staff guests have already noticed the difference."

**“ IT'S REALLY MADE A DIFFERENCE TO THE SOUND QUALITY AND THEIR STAFF GUESTS HAVE ALREADY NOTICED THE DIFFERENCE.**



## Elevating Sound Excellence with Martin Audio at Epik



Epik Club, Dubai

Pulse Middle East has completed a ground-breaking audio-visual installation at the exclusive Epik Club, situated in Dubai's Meydan Grandstand, setting a new standard for audio excellence in night club venues.

Based in the UAE and serving clients across the MENA region and beyond, Pulse MEspecialises in AVL Integration for nightlife, museums and places of worship.

Pulse's long-standing relationship with Martin Audio dates back to the team's touring days. The journey began with the W8L Longbow while the LE1500 wedge monitor, with its unparalleled clarity, further cemented the preference for Martin Audio products.

This time Pulse's team chose to work with the Wavefront Precision WPS system at a venue that is set on 25,000sq. ft of space—a decision driven by several compelling factors.

The WPS system's clarity and natural sound quality immediately impressed them. What stood out was the midrange clarity that required no additional EQ adjustments, delivering flawless audio straight out of the box. This capability not only simplifies set-up but also ensures consistent performance across different environments.

"The WPS stands out not only for its technical specifications but also for its ability to reproduce sound

with such fidelity and transparency," said Sammy Bachour, Pulse's head of audio. "This makes it an ideal choice for high quality audio projects.

The deployment of 12 WPS units per side created a powerful environment at Epik Club, capable of handling the dynamic range and complexity of the performances. The system delivered clear and balanced sound throughout the venue, ensuring that every listener, regardless of their position, enjoyed an exceptional audio experience.

Additionally six WPM units were utilised alongside SX115 subs as DJ monitors. This ensured that the DJ had the same high quality audio experience as the main PA system, providing a consistent and accurate reference. This not only enhanced the DJ's performance but also elevated the overall sound quality of the events at Epik Club.

"It's a masterpiece, bringing music to life with perfect authenticity," concluded Joe Chidiac, managing partner of Pulse Middle East. "This extraordinary PA transforms any space into a concert hall, delivering sound just as it was intended to be heard."

The installation at Epik—which holds over 1,000 people—not only met, but exceeded expectations, showcasing WPS as a top choice for high quality audio installations.

## Shibuya's Landmark CÉ LA VI Tokyo Opens with Martin Audio

Offering stunning views over Tokyo, CÉ LA VI is a new luxury dining, bar and club lounge complex spread across the 17th and 18th rooftop floors of the revamped Tokyu Plaza Shibuya Fukuras shopping mall.

The CÉ LA VI marque is already well known as the top floor bar of Singapore's five-star hotel, Marina Bay Sands, and CÉ LA VI Tokyo has now opened as the first concept-imported restaurant in Japan for such a global brand.

Patrons can take advantage of a café bar, high standard dining, drinking and DJ performances in a luxurious space, or they simply come for the spectacular night view in the heart of Tokyo culture.

A number of Martin Audio's specialist ranges were specified by Mr. Shintaro Dobashi, director of the company Enter Sandman, who was in charge of the audio design. He explained, "The customer's request was to connect all three sections of the venue; to create a restaurant that could be used commercially or privately—to make it ideal for a cool Tokyo clientele, and a place that lived up to the reputation of the CÉ LA VI brand.

"From the outset, we aimed at something with high design, excellent stability and operability while maintaining optimum quality. As this is a restaurant, not all staff are familiar with audio equipment, and so we embarked on the project with the aim of building an audio set up that is easy and reliable to use by anyone."

'THE PLACE' takes up two floors of Shibuya Fukuras, and is divided into three luxury areas. On the 17th floor, there is a lounge / night club, 'CÉ LA VI CLUB LOUNGE', and a casual dining café bar 'BAO by CÉ LA VI'. Finally, the fine dining 'CÉ LA VI RESTAURANT & SKY BAR' is situated on the 18th floor.

The entire CLUB LOUNGE floor is dominated by various Martin Audio loudspeakers. They consist of THV and SXH218 for the main system, with CDD15 and SXF115 for side fills, LE100 for DJ monitoring and CDD12 for the VIP room.

"CLUB LOUNGE is fully glazed and customers can overlook the night sky of Shibuya," explained Mr. Dobashi. "However, we took care of reflections back from the glass when constructing the system. First, we simulated the sound with EASE/EASE Focus, to ensure the bounce back from the glass was minimised, then placed various Martin Audio loudspeakers accordingly. Carrying out repeated simulations at the design stage, we were able to achieve good process control with less slapback."

The 17th-floor casual dining area, BAO, offers seated dining with additional terrace seating, creating a club-like atmosphere. "Because we sometimes hold events in conjunction with CLUB LOUNGE on the same floor, we combined Martin Audio C4.8T and C6.8T ceiling speakers, depending on the height. On the terrace seats, we put CDD12 as a main system, with CDD8 on the sides. An SX118 extends the low frequency, while CDD6 is used in areas where the main system cannot reach. Overall, Martin



**“ I AM DELIGHTED BY THE MANY FAVOURABLE CUSTOMER COMMENTS ABOUT THE SOUND, AND ALSO THE STAFF SAYING HOW EASY IT IS TO USE.**

Audio sound remains unified throughout, including within the club area.”

The fine dining SKY BAR on the 18th floor has also been designed with plenty of Martin Audio C4.8T and C6.8T ceiling speakers evenly distributed, to avoid any hot spotting or 'dead' areas.

In summary, Mr. Dobashi said, "I am delighted by the many favourable customer comments about the sound, and also the staff saying how easy it is to use. We had fun to making this project because CÉ LA VI recognise the value of good sound and let us have our heads. I always hope to meet the expectations of customers who respect good sound. This time, we made EASE visualisations so we could view the data before introduction—and I am proud of what we have achieved here."

"In fact there is no other location where you can overlook such a view as Shibuya's. CÉ LA VI is a restaurant that values sound as much as cuisine."

## Seduction of Martin Audio Impacts on Nineteen Club



**“ I AM ABSOLUTELY SATISFIED WITH MY DECISION TO UPGRADE THE SOUND SYSTEM AND CAN NOW FEEL THE TRUE POWER OF MARTIN AUDIO ”**

Nineteen Club, Vietnam

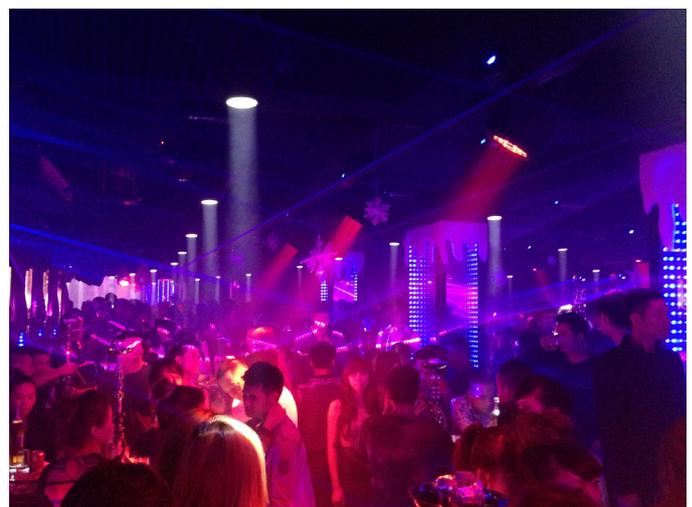
Nineteen Club, Hanoi’s hottest new club and bar, situated right in the centre of the Vietnamese capital, has set a standard for other clubs to emulate, thanks to its Martin Audio sound system.

Venue owner, Vu Anh Phong, first decided to visit Ho Chi Minh city in the south, in order to learn the reason behind the phenomenon success of some of the more famous clubs. He immediately noticed that a common factor was Martin Audio sound systems that appeared to attract a clientele seeking a higher grade of entertainment. “The fact that Martin Audio contributes to these clubs’ dramatic success, with the considerable number of guests visiting every night, was evident,” he said.

Vu Anh Phong contacted Pham Duy Duc, director of well known club installers Duc Proaudio Company, who provided a proposal, basing his design on Martin Audio components for Nineteen Club. It was no surprise that Mr Phong decided immediately to overhaul the entire existing sound system, deploying this solution.

The new system comprises 14 x Blackline F15+ full range loudspeakers and eight S218+ subwoofers, controlled by amplifiers consisting of four MA5.2K, four MA3.0 with a DX1.5 dedicated digital signal processor.

After five days of installation, Nineteen Club was ready to unveil its new audio system to the 500 capacity crowd, knowing that it would raise the temperature. “I am absolutely satisfied with my decision to upgrade the sound system and can now feel the true power of Martin Audio,” summarised Vu Anh Phong.



## Six WPL Stacks Create Powerful Dancefloor Immersion at Plaza



Sydney's iconic 1930's hotel transformed into six-venue operation

The iconic Plaza Hotel in Sydney has recently been transformed, positioning it as a premier global entertainment venue.

Originally opened in 1930 as a movie theatre, the Plaza has undergone many iterations over the years. Featuring a striking Spanish mission-style façade, under the ownership of the Winchester Hotel Group, with creative direction from Sarah and Ryan Maloney, the theatre has been thoroughly revitalised.

The operation now boasts six distinct areas (including a revived, classic 1930s theatre). Ryan Maloney conceived Level One as a nightclub inspired by Ibiza—recognised around the world for a top-tier sound, lighting and videowall infrastructure that would attract renowned, globally-recognised DJs and performers.

The installation project was awarded to Brendon Fava from Xcite Audio Visual and the sound—chosen to fulfil the brief of a premium product line that would meet international rider specifications—came from Martin Audio.

The manufacturer's Australian distributors, Technical Audio Group (TAG), worked closely with Fava, and the aim of TAG's technical director,

Anthony Russo, was to give everyone on the dancefloor a true immersive experience.

He therefore opted for a six-stack solution to ensure everyone within the dancefloor's sound field could enjoy a unique 360° experience. A total of 24 WPL line array elements were deployed in six hangs, with Russo noting, "People rarely experience a high-powered, concert-style cabinet that operates well within its limits, while maintaining significant headroom. This is crucial for efficiently handling the massive dynamic range produced by international DJs."

To complement the arrays, a six-stack configuration of 18 Martin Audio SXH218 (2x18in) hybrid subwoofers was selected. The main sub stack stands at 2.5 metres, allowing patrons to experience the full force when dancing next to it.

However, this installation is not purely about brute force, as Brendon Fava emphasises. "It's about delivering precision, power and consistency. It's designed to hit hard, sound clean and perform flawlessly all night."

Away from the dance floor, the bar and VIP booth delay areas are served by 16 Martin Audio THS 15-inch 3-way coaxial cabinets. These cabinets provide the necessary sound levels as a delay system, ensuring

a seamless transition from the dance floor. Notably, the DJ booth is equipped with what Anthony refers to as "the Martin SRM System, a Super Reference Monitors 4-way DJ system." This setup comprises a pair of THS cabinets mounted on custom-made brackets, paired with two SX218 subwoofers that can meet the most demanding requirements while also keeping pace with the main front-of-house (FOH) system.

Anthony further comments, "A three-way coaxial means the DJ receives the extreme detail and timing needed for a perfect performance. The clarity and power of this setup will undoubtedly become a rider requirement."

The SPL is maintained in the foyer where 11 Martin Audio Blackline X8 have been installed supplemented with three SX112 subwoofers.

Further considerations were vibration control and minimising disturbances to neighbouring properties. To ensure this every cabinet was suspended using Embelton spring isolation or set on specialised floor mounts, while custom rigging was designed and installed by CVAV Sydney.

The Allen & Heath system processor powers 14 Martin Audio iKON DSP multichannel amplifiers on a Dante network, creating an enviable 250kW of available power.

Elsewhere at Basement level, Sarah Maloney has created a stunning, moody subterranean vinyl bar. This exclusive atmosphere is sensitively enhanced by the specification of another six-position immersive sound space. This time it is scaled back to feature six Martin Audio CDD15 speakers, eight CDD10 for fill and two SX218 subs. DJs have also been catered for, with powerful stereo CDD15s provided as monitors.

The venue has got off to a dynamic start following its pre-Christmas opening, having already hosted prominent local and international DJs—including Chris Stussy and Mind Against—while increasingly finding favour with VIPs, celebrities and partygoers alike.

## CDD Installed in Lima's Lyra Nightclub



Lyra Nighclub, Peru

Prodjmedia recently installed a full complement of Martin Audio CDD and CSX in Lima's popular Lyra nightclub which is dedicated to providing a truly world-class club and dance experience for its customers.

Founded by Fernando Vidal and Arturo Dyer, Lyra features local and international DJ's in the main room and rooftop bar/dancefloor, and as Prodjmedia's CEO Renzo Silva explains, "they wanted to create an environment with no compromises in terms of sound quality, so the first choice was obviously Martin Audio."

According to Renzo, the sound system includes two Martin Audio CDD15's with two CSX218 subs on the dancefloor, four CDD6's on the first floor, four CDD6's on the second floor and four CDD6's and one CSX112 sub in the rooftop café. The speakers are powered by Martin Audio MA 2.8Q, MA3.0 and MA 5.2K amps. A DX0.5loudspeaker management system is used to control the sound throughout the venue.

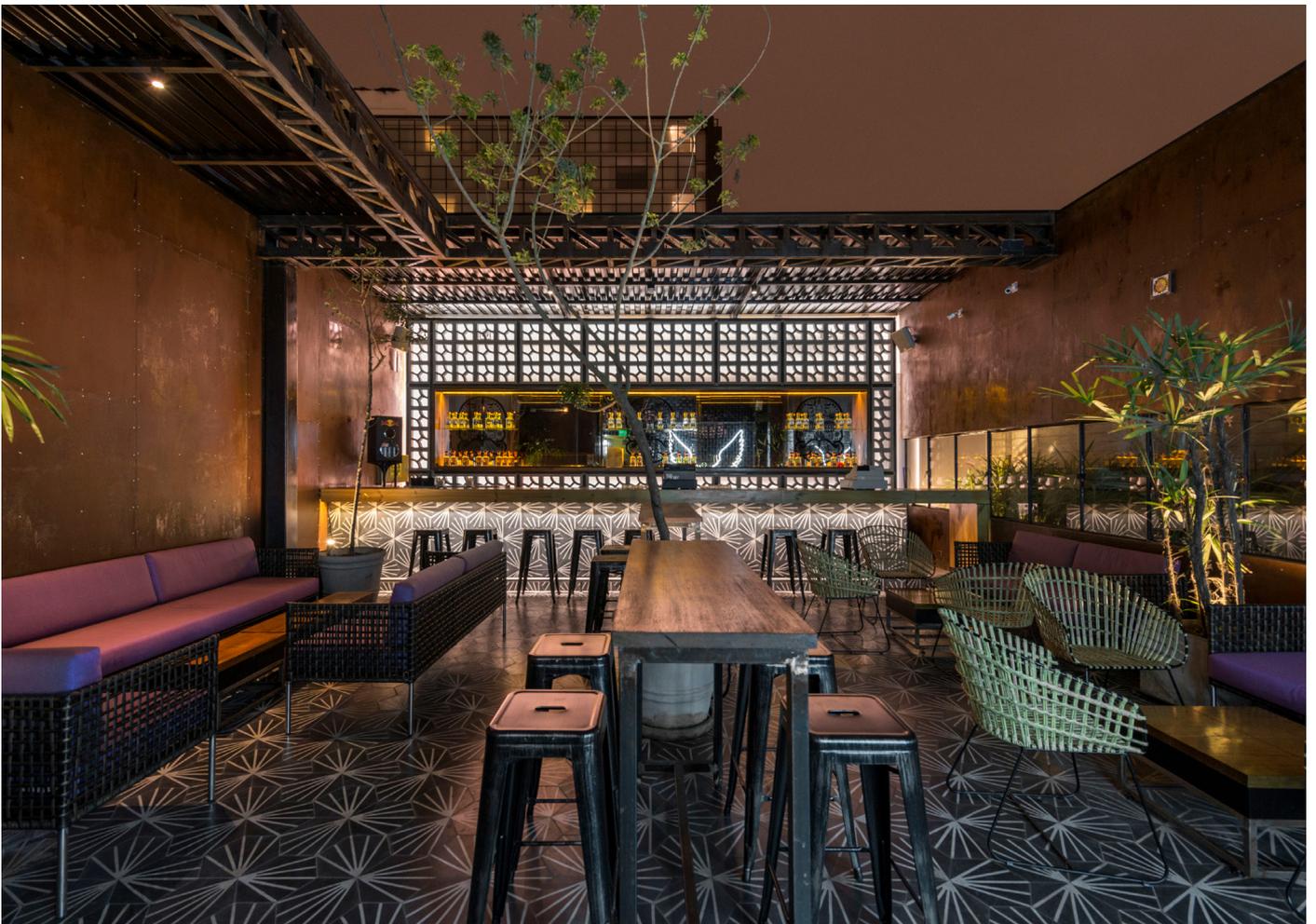
"There were some challenges in terms of the acoustics because most of the surfaces in the club are brick and cement with an industrial finish which can be a big problem

### 🔊 THEY LOVE THE CDD SYSTEM

in terms of sound, but we managed to calibrate the system to eliminate those problems.

"The club has two floors with access to the main room," Renzo continues, "and we were able to correct the delays to provide optimum sound quality for the boxes and bar. For the rooftop system, we were able to control the sound in the space so neighbors couldn't complain about excessive noise. The DX0.5 was crucial to managing all of the speakers."

Asked about his clients' reaction to Martin Audio, he responds "they love the CDD system. They were surprised and pleased by the clarity of the speakers, power of the subs and overall audio quality. And the patrons are really excited about how good it sounds as well. Right now, Lyra is a club like no other in Perú and the owners definitely are planning to use Martin Audio on their next projects."



## Recommended Products

### Wavefront Precision

PASSIVE OPTIMISED  
LINE ARRAYS



[martin-audio.com/products/series/wavefront-precision](http://martin-audio.com/products/series/wavefront-precision)

### TORUS

CONSTANT CURVATURE  
ARRAYS



[martin-audio.com/products/series/torus](http://martin-audio.com/products/series/torus)

### TH Series

PASSIVE POINT SOURCE  
LOUDSPEAKERS



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### FlexPoint

PASSIVE POINT SOURCE  
LOUDSPEAKERS



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### CDD

PASSIVE INDOOR  
LOUDSPEAKERS & SUBS



[martin-audio.com/products/series/cdd](http://martin-audio.com/products/series/cdd)

### SX Series

HIGH IMPACT, LOW FREQUENCY  
PERFORMANCE SUBWOOFERS



[martin-audio.com/products/series/sx](http://martin-audio.com/products/series/sx)

[martin-audio.com/case-studies/nightclubs](http://martin-audio.com/case-studies/nightclubs)

This is just a small selection from a wealth of examples from around the world that you can find out more about by visiting [www.martin-audio.com](http://www.martin-audio.com)

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