



KNOX



MONTERREY, MEXICO
THE AMERICAS

Based in San Pedro Garza García, in the state of Nuevo León, Mexico, KNOX is a go-to venue for the local partygoers of Monterrey.

Opening its doors during the summer of 2017, the nightclub hosts a number of international DJs on a weekly basis and welcomes a full capacity of visitors who arrive to enjoy the entertainment.

Adimsa, a company which is no stranger to the innovation of entertainment centres, with over 20 years in the industry, conducted the installation of both the lighting and the audio for this venue.

“For the client, it was of utmost importance to have the best possible audio coverage for the venue, without



• Above
The
impressive
KNOX
nightclub.

compromising on the performance. So, we aimed to create a loud system, but, one where customers wouldn't have to shout over the music," explained Juan Hernandez, Lighting and Audio Architect at Adimsa. "The audio design was created using NEXO's NS-1 software, we chose the model of loudspeakers and then calculated the predictions to achieve the total coverage of the venue, without having dead spots."

The NS-1 software is a powerful and intuitive system configuration and simulation tool, enabling users to configure and optimise the performance of any NEXO system, perfect for predicting its behaviour in this venue, ensuring uniform SPL coverage.

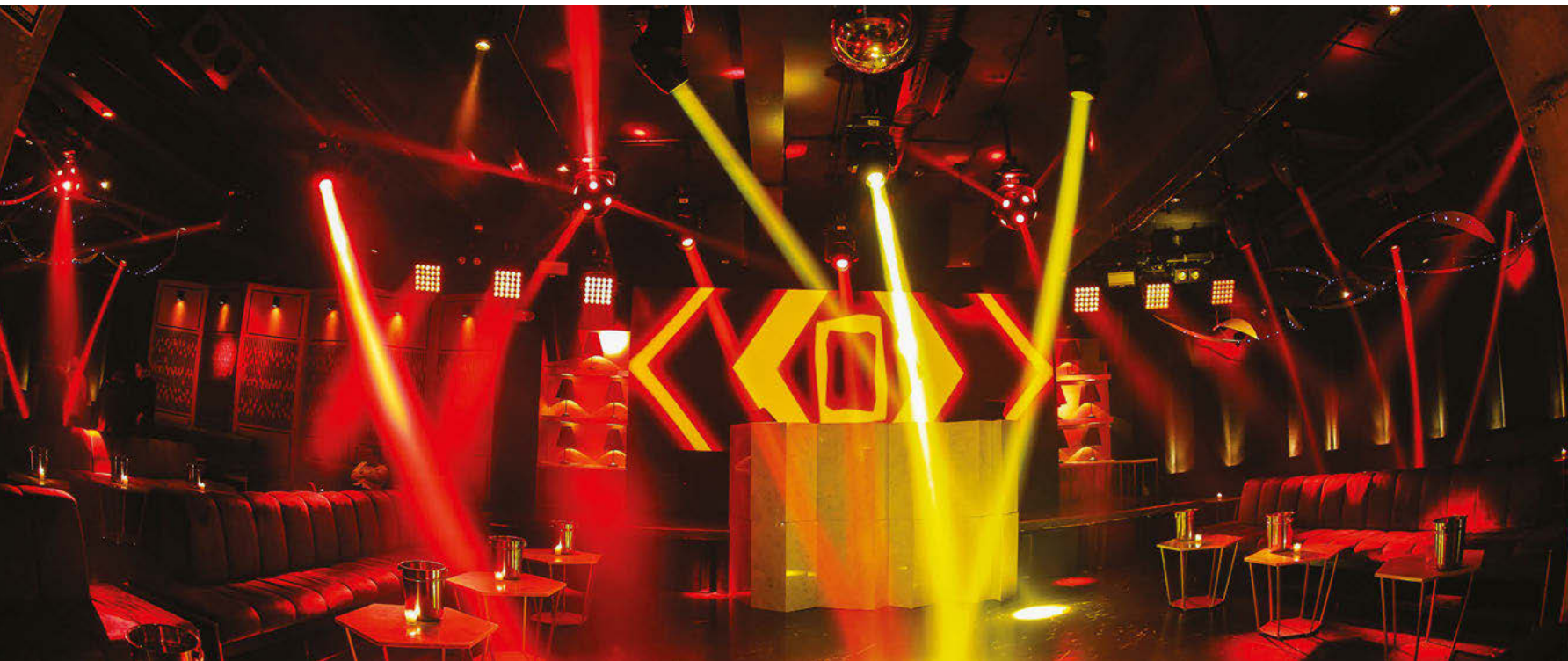
NEXO provided the audio for the entire space, this was due to its reputation of delivering excellent performance and great audio quality. A NXAMP solution was fitted for amplification and processing requirements. Due to the all-in-one solution, the set up of the products was quite straightforward.

The venue is two-storeys and is separated into two main halls, each with two different ceiling heights. On the second floor, visitors will find a VIP room, this hall has compact loudspeakers, this is because the room is private and therefore a quieter environment. Whereas, for the main dance room, loudspeakers have been fitted to ensure maximum sound coverage.

KNOX wanted to capture an urban concept, giving an 'underground' illusion and allowing visitors to be transported to another realm for a night. To achieve this, Adimsa installed 24 ADJ Vizi Hybrid 16RX moving heads. These fixtures offer a wide range of effects including: beam, wash and spot with several colours, gobos and prism.

"Additionally, we installed six ADJ Asteroid moving heads, as they completed the dynamic of the whole venue with their LED effects, continuous rotation and pixel beam outcome," Juan continued.

To complete the DJ area, six ACL 360 BAR luminaries from Elation Professional were installed, featuring



seven individual 15W RGBW four-in-one LEDs and the new advanced collimator optic lens, which combined, produced a laser-like homogenised 4° colour-changing beam from each lens. The install was completed with four CUEPIX Blinder WW2 and four Protron 3K LED strobes, both products also provided by Elation Professional. Four Elation DP-640B dimmer packs with six channels were also installed, each one, to control conventional light bulbs used in the design through DMX. Admisa used a High End Systems Hoglet console with HOG 4 software for the lighting control, as the console included a plot sheet, therefore making it is easy to

control individual areas of the venue. Admisa integrated the classic disco ball effect using the M4040 and the M2020 mirror balls from ADJ. This is a unique feature and separates KNOX to other clubs in the area. Finally, to create the perfect nightclub experience and make the lighting design look exceptional, two Antari Z-350 fazer machines were used. "This project was the first of its kind in the district, as other nightclubs do not use the kind of fixtures that we installed, it was important that we created a venue with that unique element," Juan concluded.



TECHNICAL INFORMATION

SOUND

9 x NEXO PS15 loudspeaker; 2 x NEXO ID24 loudspeaker; 1 x NEXO PS10 loudspeaker; 10 x NEXO LS18 subwoofer; 1 x NEXO IDS210 subwoofer; 1 x NEXO LS600 subwoofer; 7 x NEXO NXAMP4x4 amplified controller; 4 x NEXO NXAMP4X2 amplified controller

LIGHTING & VISUAL

6 x Elation ACL 360 BAR fixture; 24 x ADJ Vizi Hybrid 16RX moving head; 6 x ADJ Asteroid 1200 moving head; 1 x ADJ M4040 mirror ball; 1 x ADJ M2020 mirror ball; 4 x Elation CUEPIX Blinder WW2 fixture; 4 x Elation Protron 3K strobe; 4 x Elation DP-6400B dimmer pack; 1 x High End Systems Hoglet console; 2 x Antari Z-350 fazer machine

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