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AL WASL PLAZA
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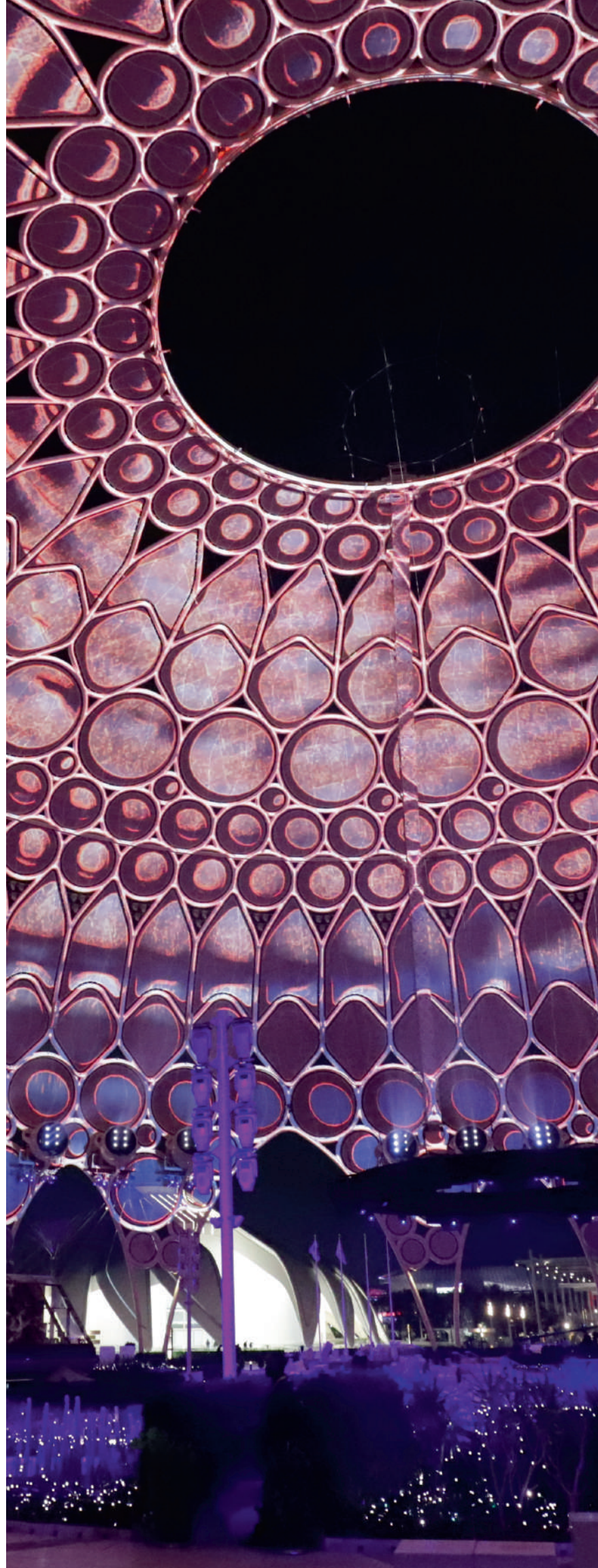
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HQ² BEACHCLUB

AMERICAS

ATLANTIC CITY/ USA

Newly installed 1 SOUND system packs a poolside punch in Atlantic City.

A newly installed 1 Sound audio system at HQ2 Beachclub has left a lasting impression on the high-profile DJs who have performed at the Atlantic City venue since it re-opened for its summer season.

The new system exclusively incorporated 1 SOUND loudspeakers, with multi-platinum trio Cheat Codes opening up the season on the system, while other artists performing included DJs Tiësto and Steve Aoki.

Situated at the Ocean Casino Resort, the 45,000 sq ft HQ2 Beachclub features six bungalows with private pools, 12 day beds, and more than 30 VIP sections on the lower and upper decks.

This install was the debut of 1 SOUND's new Contour loudspeaker, a 3-way, horn-loaded point source which has the capacity to deliver a max SPL of 145 in a compact 13.6-inch by 20-inch box.

Also debuting are the SUB2112, a bi-amped 4000 watts + 3600 watts (continuous) subwoofer, utilising a 21-inch low frequency driver and two 12-inch drivers, producing a solid 25 Hz with a fast-responding upper bass.

The loudspeakers and accessories are IP55 rated and made to withstand harsh weather conditions, which was critical for this project as the venue sits next to the ocean.

Anthem Productions oversaw the installation and CEO Angelo Poulos was delighted by the end result.

"A while back I told Lou Mannarino, Designer and Founder of 1 SOUND, that my favorite loudspeaker would be a horn-load based around an 8-inch driver," he said. "Fast forward and he has come up with a completely new take on utilising that 8-inch driver.

"This speaker is insane. It's got a monstrous amount of SPL, 1 SOUND's signature clarity with no distortion, and it's in such a small box. I can see myself choosing this speaker time and time again."

Three Contour CT28 fixtures along with two SUB310 were rigged at each side of the DJ booth, and they are accompanied by eight SUB2112

on the floor in front of the booth. 1 SOUND were able to match the blue colour that was used for the soft furnishings at the club, and so this colour was used on the grilles for the loudspeakers situated at the DJ booth.

For this installation, the club wanted a more evenly distributed audio design compared to what had been supplied in years prior. They had heard about 1 SOUND's previous installs at other famed pool clubs and liked the idea of even coverage throughout the whole space, so that guests can feel immersed even if they are at the back bar.

They also found the value in an audio design which paid attention to less slap back from the glass building behind it, and trusted the proprietary qualities of certain 1 SOUND speakers to help with that.

Surrounding the pool are mainly Tower LCC84 fixtures, which are lined up with each column and paired with CSUB610 subs.

The Tower series is designed with a special attention to high frequency that supports sonic intelligibility and an incredible lack of distortion in the vocal range at higher SPL. It has a wide 120° dispersion pattern with cardioid cancellation in the rear that knocks the SPL down nearly 20 dB behind the speaker. This cardioid quality helps reduce slapback and uncontrolled sound from behind the speaker. In between the seating areas are the small CSUB610 units, which are 11 inches wide but have a similar output quality to a double 18-inch sub. This idea was repeated on the opposite side of the pool on the upper level using LCC84 paired with SUB310 at each column facing the pool. Behind the mounted Towers, are VIP cabanas. Here, Cannon C6 were mounted and SUB310 were deployed. Distributed at the back bar on the far side of the club were CT28 that are mounted with wall brackets and SUB2112. Behind the DJ booth, facing a few VIP tables at booth level are two LCC44. The upper level bar behind the DJ booth has Cannon C5, that have extended LF, hanging as pendants.

TECHNICAL INFORMATION

AUDIO

17 x 1 SOUND CT28
13 x 1 SOUND SUB2112
11 x 1 SOUND LCC84
2 x 1 SOUND LCC44
14 x 1 SOUND C6
6 x 1 SOUND C5
4 x 1 SOUND CSUB610
9 x 1 SOUND SUB310
1 x Powersoft T604
1 x Powersoft T304

www.1-sound.com

Right: Steve Aoki and Tiësto perform at HQ² Beachclub.




CONTOUR CT28

3-Way, Horn Loaded Point Source

- loud with an impressive lack of distortion
- maintains its directionality in the far field

- 145 dB Max SPL
- 70 Hz - 18 kHz
- 13.6" (345 mm) wide, 44 lbs (20 kg)
- 1780 watts
- single amp channel
- magnetic front grille



PREMIUM LOUDSPEAKER TECHNOLOGY
MADE IN THE USA 



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