



AI'NENG INTERNATIONAL



NANJING, CHINA
ASIA/PACIFIC/OCEANIA

Ai'neng International Executive Club, one of the largest and most luxurious nightclubs in Nanjing, China is housed in what was previously the Diving Hall of Wutai Mountain sports centre in Jiangsu Province, China. Taking full advantages of the original diving hall space, the club features a Moulin Rouge style sport water-dance show that could rival similar performances from Las Vegas.

Ai'neng International is one of Asia's top entertainment complexes and features a performance hall, wine bar, cigar salon, champagne bar and a space suitable for events and parties. Owners of the night-life venue worked with Senior Entertainment Audio Designer, Winner

Pan from Real Music - Adamson's Chinese distributor - to design and install a sound reinforcement system that would support high level, energetic music performances.

Stylish performers - both male and female - entertain clubgoers night after night on a prominent yet sophisticated stage. The dance show takes place in the performance hall, which is equipped with an Adamson PA consisting of left and right hangs of Adamson SpekTrixW three-way active loudspeakers - three per side - which offer an upgrade on the dispersion from 5° vertical to 15° in comparison to the Adamson SpekTrix cabinets. This coverage pattern makes the



SpekTrixW array an ideal choice for this wide vertical array application, ensuring every visitor to the club can feel embraced by the sound. The SpekTrixW arrays are coupled with an Adamson SpekTrix SUB dual 18-inch subwoofer, one per side.

Delay support is provided by two further line arrays, this time using Adamson's Metrix Series. Six Metrix-i line array cabinets and two dual 15-inch Metrix SUB subwoofers are split either side of the performance area.

Low-end coverage is provided by eight Adamson A218 subwoofers and 12 Adamson Point 215 SUBs distributed throughout the venue ►



to ensure maximum average SPL of 130dB, while ensuring ± 3 dB disparity.

Elsewhere on the outside deck area is equipped with 46 Adamson Point Series loudspeakers - a combination of the Point 15 and the Point 12 full-range loudspeakers - to ensure that the outside seating area is covered with exceptional direct sound. The Point 15's, the largest cabinets in the series, provides high SPL and strong mid-low power. While the Point 12's offer high fidelity, high SPL and an ample amount of low frequency energy.

To provide amplification for the club, Real Music turned to Camco. A total of 19 Camco V6 amplifiers, which features a unique power regime consisting of an extensive power bank that is stable, even down to one ohm loads and the V6 has the ability to run in either stereo, bridge mono and parallel mono operation modes. A further three amplifiers from the same series, this time the V8 were also installed, alongside one Camco D4 two-channel amplifier, capable of 2kW per channel and also utilises a hybrid Class-H amplifier engine.

Loudspeaker management control is organised via an Apex Intelli-Z2 processor with a four input and eight out configuration, integral mixer and selectable analogue / AES-3 I/O and an integral analyser-bridge, making the processor a perfect match for this type of fixed installation. Mixing requirements are taken care of by a Midas PRO1 console and a Pioneer DJ set-up of DJM-2000 mixers and CDJ-2000 multiplayers. While the microphone inventory is made up from models of Sennhesier and DPA.

In addition to the full range Adamson PA, the Camco amplification, the Apex processing and the Midas mixer, the club has also been kitted out with an internationally renowned lighting equipment from Martin Professional and ADJ, laser effects from Laserworld, an unprecedented 360° holographic using 3D imaging technology, and a circular water curtain. 

TECHNICAL INFORMATION

SOUND

6 x Adamson SpekTrixW loudspeaker; 2 x Adamson SpekTrix SUB dual 18-inch subwoofer; 6 x Adamson Metrix-I line array cabinet; 2 x Adamson Metrix SUB subwoofer; 8 x Eight Adamson A218 subwoofer; 46 x Adamson Point Series loudspeaker; 12 x Adamson Point 215 SUB subwoofer; 19 x Camco V6 amplifier; 3 x Camco V8 amplifier; 1 x Camco D4 amplifier; 1 x Apex Intelli-Z2 processor; 1 x Midas PRO1 console; 4 x Pioneer DJM-2000 mixer; 2 x Pioneer CDJ-2000 multiplayer; Sennhesier and DPA microphones

LIGHTING & EFFECTS

19 x Martin Professional MAC 350 Entour moving head; 2 x Martin Professional MAC III moving head; 20 x Martin Professional MAC 101 moving head; 12 x ADJ Tri 60 LED batten; 61 x GTD 5R moving head; 2 x Martin Professional Magzum 1800 fog machine; 1 x Martin Professional K1 fog machine; 2 x Laserworld Piko laser; 1 x Phoenix lasershow control software

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