



Planet-shaking sound in Indonesia

INDONESIA: Planetshakers' never-ending world tour recently brought the praise band to Indonesia for a performance at the Supermal Surabaya Convention Center alongside Sound of Praise, the worship band of Surabaya's Alfa Omega Church. They were reinforced by an Outline sound system with help from the manufacturer's local distributor, Melodia.

Planetshakers is a worship band that has toured the globe performing lively concerts throughout Asia, Africa, the Americas, Europe, Australia and New Zealand since forming for the first Planetshakers Conference in 1997. A key factor in the success of the Planetshakers Church, which is based in Melbourne, Australia and runs campuses in Singapore, Cape Town, Geneva, Austin and Geelong, the Planetshakers band performed to 6,000 people at the sold-out venue.

Alfa Omega Church organised the concert, enlisting the services of Surabaya Media Group to handle the multimedia elements of the event. The acoustics provided the main challenge, as the convention centre is typically used as an exhibition space instead of as a concert venue. The



Monitor world



The Melodia and Alpha Omega crew



Alpha Omega production team lined the walls in black curtains to both lower the reverberation time in the room, while creating the visual setting concertgoers might expect.

While the fabric-lined walls helped with the acoustics, care was also taken in the selection of a loudspeaker solution to reinforce the energetic live music. In addition, the Outline system employed was designed to ensure sufficient coverage throughout the relatively wide venue. OpenArray 3D simulation software was used to put together the system design.

The main PA comprised 18 GTO large-format line array loudspeakers divided into arrays of nine per side and accompanied by 16 DBS 18-2

subwoofers. To compensate for the 35m width of the stage, four Stadia 100 cabinets and eight Vegas 15CX low-frequency enclosures were flown to the left and right as in-fills, and front- and centre-fills respectively. Six of Outline's X8 power amplifiers drove the setup, while the manufacturer's Newton processor could be found alongside the Yamaha Rivage PM10 and CL5 mixing consoles at the FOH position.

Serving as monitors for the bands onstage were Outline Vegas 12 CX and 15 CX cabinets driven by a pair of M5000-4 power amplifiers. Band members also took advantage of an Aviom personal monitoring system with Sennheiser wireless in-ear monitors. A Yamaha CL3 joined a PM1D console to manage the monitoring mix.

'The wireless systems used on this event totaled about 65 channels, which was a challenge in terms of frequencies,' recalled Rudy Winarto, owner of Melodia. 'We had to make



One of the Outline GTO arrays

sure each unit was tested, one-by-one, during the sound check and rehearsal.'

The event, which was also recorded, was considered a success by all involved. 'At the end of the show, Planetshakers' FOH engineer, Sam Lithgow, thanked us and said the Outline system we provided was incredible,' concluded Mr Winarto. 'They had originally requested another brand of loudspeaker and were pleasantly surprised with the results.'

www.alfaomegachurch.com
www.outline.it
www.planetshakers.com