

# ProAudioAsia

LIVE SOUND • INSTALLATION • AUDIO FOR BROADCAST • RECORDING • POSTPRODUCTION

May-June 2010



FESTIVAL FEVER  
JAVA JAZZ RAISES TEMPO



BEAM STEERING  
GETTING SOUND IN SHAPE



BUILDING ON ROCK  
SINGAPORE'S NEW ROOTS

## FUTUREWORKS

Mumbai's latest post



Singapore: MICA (P) 072/06/2009;  
Malaysia PPS 1604/06/2010 (028207)

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# A look at what's new in Asian audio and A/V

## University challenge

**INDONESIA:** University Bunda Mulia (UBM) is a privately funded University in north Jakarta, catering for subjects ranging from arts to marketing, and from tourism to accountancy. Owner, Djoko Susanto – founder and Indonesian Entrepreneur of the Year 2003 – acquired UBM and many of the surrounding properties following the Asian Financial Crisis of 1997, and has been keen to invest further in the centre of educational excellence in order to improve its standing. Many colleges are judged on the quality of their auditoria and, until now, UBM lacked one. As a result, the 8th floor area has been turned into a 21st century venue that demands attention.

Musician, performer, songwriter, studio recording engineer and mentor Chossy Pratama is highly regarded throughout Indonesia. He also teaches UBM's students and produces jingles for broadcasting over its PA systems, and Mr Susanto had no hesitation in appointing him acoustic, interior furnishings, lighting, multimedia and audio consultant for the new auditorium.



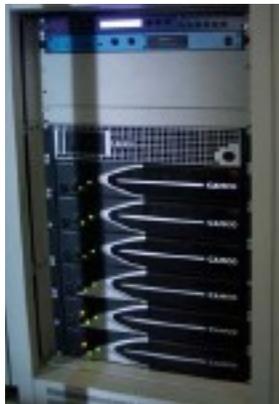
**Coda LA8 line speakers and subwoofers have been arrayed in L-R configurations**



**UBM and PT Gracia Auvindo teams besides the Midas Pro6 performance console**

'I'm not a live sound man,' he admitted. 'I have worked in studios all my life, and worked on SSL, AMS and Euphonix boards, so I wanted the best when mixing live. Midas has the best profile when it comes to live, as their analogue consoles provide lots of gain and headroom, but I wanted a digital board for here. I really wanted an XLS, but it is too big, so I opted for a Pro6 console instead.'

Mr Pratama mixes a variety of different performances on the Pro6 – such as graduation ceremonies, seminars and lectures for UBM and classical concerts, karaoke and corporate events for external clients who hire the venue from time to time – and has found the Pro6 interface and screens logical and user-friendly. 'The control surface has all the parameters of a channel strip, and the Pop groups bring everything to where you want it on the console. The EQ and dynamics work in a similar way to the Heritage console, and for the first time I experienced an EQ that did exactly what I expected. The desk's reverb and delays sound natural, and the



**Camco Vortex 6 and 200V amplifiers drive the entire PA system**

reverb on vocal performances is very warm, which I combine with some delay effects when needed. Both the manufacturer in the UK and the local distributor here in Jakarta have been supportive.'

PT Gracia Auvindo supplied the Pro6 console to UBM and the distributor also asked to provide a demonstration PA system for the 1,021-seat auditorium. It passed with flying colours, and a Coda

Airline LA8 line array using six cabinets and two LA8-Subs per side, has been installed in the hall. 'It's very compact, yet amazingly powerful,' said Mr Pratama. 'I asked Mr Thomsen [PT Gracia Auvindo] if it would perform well for all types of music, and he assured me it would. I can confidently say that it does allow me to play jazz, rock and classical music. I only lose about 0.7dB – the coverage is really smooth from front to back, which is about 50m.'

A further four PW418 quad 18-inch subwoofers have been added to this, and positioned under the curved lip of the 0.85m-high stage, extending the lower frequencies down to 30Hz. 'Indonesians like to feel the low frequencies in their chests and not on their ears – these subwoofers do just that.' Single RX35 speakers have been added to each array pointing inwards for monitoring performers and speakers, providing an open plan stage. However, there are six facility panels on stage and eight QSC K12 speakers in reserve should bands and groups require them.

The entire PA system is Camco-powered, including three Vortex 6 for the 12 LA8 speakers, a D Power 4 for the RX35 speakers and three Vortex 200V amplifiers for the LA8-Subs and PW418 subwoofers. A DNC260 processor provides loudspeaker management. Microphones consist of various AKG, Sennheiser and Shure models, including a Shure SLX wireless system, wired SM57 and 58 models, AKG C1000s for orchestras and Sennheiser Evolution G2 604e for drums. A 360-inch motorised projection screen above the stage receives its images from an Eiki 10,000-lumens projector.

[www.graciaauvindo.com](http://www.graciaauvindo.com)  
[www.ubm.ac.id](http://www.ubm.ac.id)

## AVID COMPLETES EUPHONIX ACQUISITION

**US:** Avid has completed the acquisition of Euphonix, stating that it will 'deliver a broad range of complementary audio and video control surfaces and consoles designed to meet the needs of customers ranging from

the independent professional to the high-end broadcaster'. The Californian company says that it will maintain full support for both the Euphonix family of products and Avid Icon solutions. Also on the agenda is the development of an open standard protocol to extend compatibility between the Euphonix and Avid control surfaces, together with third-party audio and video applications, including Media

Composer and Pro Tools systems. For existing customers, Avid will continue to support the high-speed Ethernet protocol EuCon, enabling Euphonix, control surfaces to interface with third-party software.

'We are firmly committed to assuring that we further expand the openness and interoperability of both the Artist and Pro Series control surfaces', commented Avid senior VP of products Chris

Gahagan. 'One of our first priorities is to assure we maintain all existing third-party software validations of these control surfaces and then fill any potential gaps by expanding support for a variety of additional software applications. This will be facilitated by our work to evolve EuCon into a truly open industry standard protocol'.

[www.avid.com](http://www.avid.com)  
[www.euphonix.com](http://www.euphonix.com)

## SOUNDBITES

### RTM TAKES FIRST AUTOMATION STEPS WITH ZENON MEDIA

**MALAYSIA:** Following last year's appointment as the exclusive distribution partner for Zenon Media throughout the Asia-Pacific region, Salzbrenner Stagetec Mediagroup Asia has reported its first sales success.

In response to a tender invitation from Malaysian broadcaster RTM for the supply and installation of automation software at its regional radio stations in Keningau, Bintulu and Kota Baru, Salzbrenner Stagetec Mediagroup Asia placed the winning bid.

As a result, this is the first Zenon Media radio automation software to be supplied in Asia.



**The Stagetec Asia team visits Zenon Media's HQ for training**

'The acceptance of Zenon Media is a major breakthrough for us,' said Salzbrenner Stagetec Mediagroup Asia MD David Chan. 'Zenon Media has traditionally focused its sales efforts in Europe and North Africa, but has finally moved into the Asia region with this project. We demonstrated the virtues of this open, user-friendly and above all reliable automation software to RTM and they were clearly impressed. With the support, service and after-sales offered by the Stagetec Asia team, the decision in accepting the ZM automation software was made all the more easier.'

The Kuala Lumpur-based distributor also handles the German brands, DHD and Jünger Audio.

[www.zenon-media.com](http://www.zenon-media.com)  
[www.stagetec.com](http://www.stagetec.com)