

Case Study

Gold Coast Convention Centre 16 Audio zones & 24 Sources

Gold Coast Convention Centre

SCOPE OF WORKS

- 10,000sqm of floor space
- 16 Audio Zones
- 24 Audio Sources
- Single cat 5 for control of audio & lighting
- Fully controllable via Dynalite keypads
- No special interfaces required

The Project

Australia's largest regional convention centre, the Gold Coast Convention Centre officially opened on 29 June 2004 offering more than 10,000 square metres of exhibition space embedded with a variety of seamlessly integrated technology creating a multi-award winning venue. The AUD\$167 million development at Broadbeach took nearly five and a half years to progress from planning stage to completion and was one of the first in Australia to achieve the prestigious Green Globe Certified Silver status under the Green Globe Earthcheck Certification programme managed by EC3 Global.

Project Requirements

The combination of performance spaces and meeting rooms catering for up to 6,000 people and the fact that the layout of the centre changed frequently meant that the centre required a flexible distributed audio system that could adapt to these changes while staying simple to operate and that would integrate seamlessly into the Dynalite lighting control system that was to be used in the project. Other automation systems that were to be installed in the building must simplify the complexity this represented for the distribution of multiple audio sources to multiple areas. With the energy efficient it made perfect sense to extend this system's capabilities rather than adding an entirely new stand-alone system just for the audio distribution.

The Solution

With the energy efficient Dynalite lighting control system already engineered into the project it made perfect sense to extend this system's capabilities rather than adding an entirely new stand-alone system just for the audio distribution. Therefore AXA was an obvious choice. Four custom made AXA-CMB64's were added to the Dynalite system allowing the Dynalite keypads that were distributed throughout the Convention Centre to control the audio and lighting systems via the one Cat5 STP cable. This dramatically cut down on wall clutter and led to cost savings in cabling, installation and programming of the system. The CMB64 was also chosen because of its ability to listen to the Dynalite system and follow the complex room joining functions and automatically link the source selection and volume control as room configurations changed.



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Key Outcomes

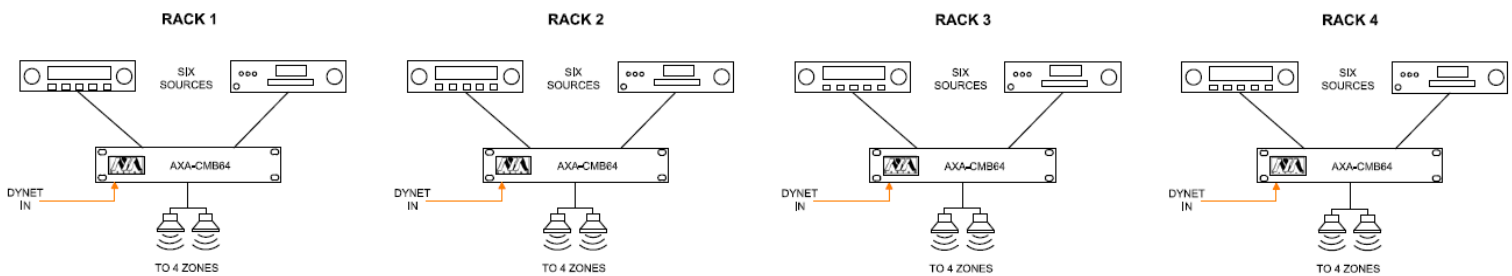
The final result was not only a project that was completed within the forecast time frame and below initial budgetary allowances but a space that was an easily controlled environment that delivered an audible ambience to suit the occasion. This was a worry-free environment where staff had one less thing to worry about and could get on with the challenging task of running an award winning convention centre.

What was used?

- 4 x AXA-CMB64 six balanced inputs to four balanced output audio devices



EXAMPLE OF AUDIO LAYOUT



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