

CASE STUDIES

ADELAIDE ZOO LION ENCLOSURE

RENKUS HEINZ, AUSTRALIAN MONITOR & ICE CABLES - A BEAST OF A COMBINATION

SUMMARY

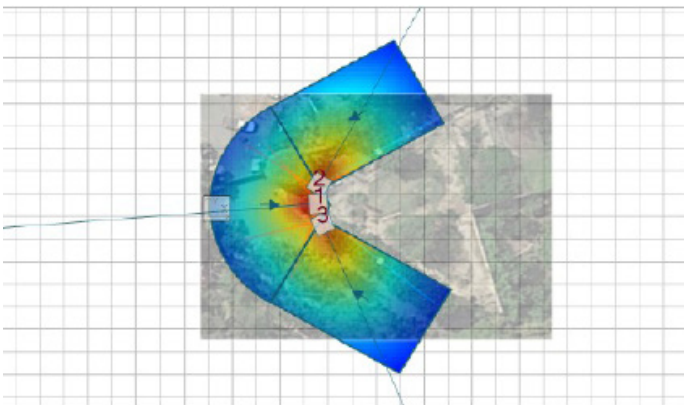
The King of the Jungle exhibit at the Adelaide Zoo required a revamped audio system – specifically for feeding time presentations to large groups. Horder Communication Solutions, one of Adelaide's most innovative Audio Visual integrators, was invited by the Zoo's administration to provide a solution.

PROJECT REQUIREMENTS

A clear and cleverly distributed outdoor audio system was vital, ensuring that Zoo patrons visiting the Lion Enclosure for feeding times could hear the zookeeper's presentations in impeccable detail – in a challenging and abstract outdoor space. Not only did the main gathering area directly in front of the Big Cat Zookeeper's position require audio reinforcement, but the Zoo also sought two long walkways stretching out from that central point to be covered in the same manner, so that visitors in an overflow situation would receive the audio.

Amber Technology's TSS (Technical Sales & Support) team was engaged by Horder Communications to assist in producing produce a perfect solution.

Hamish Gray, Adelaide Zoo ICT Manager outlined to John Horder of Horder Communications that 'The keeper team need clear audio across the area, with the ability to be able to Bluetooth or direct connect an iPad for the Introduction Programme audio'; and so Amber's TSS team & John went to work. Scott Riley (Amber's in-house commercial audio guru) provided EASE modelling to prove the concept in the difficult and oddly shaped outdoor spaces. There was a large focus on crystal clear coverage of vocal presentations within a wide & difficult coverage area; with little-to-no visual impact.



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THE SOLUTION

Renkus Heinz UBX series of IP rated, 100V capable column speakers, provided with a mounting solution make them extremely versatile. A centrally mounted 4x 3" driver column provides audio directly in front of the presenter, with two 8x 3" driver columns assigned to cover the longer off-centre walkway areas. These were modelled, delivered & then installed by John & his team. HCS decided on a simple but effective mixer/amplifier for the headend solution, utilising the recently updated Australian Monitor HS-V2 series. The Australian Monitor HS250-V2 (250W at 100V/4ohm 9-input mixer amplifier) allows the Zoo to not only bring the zookeeper's UHF microphones to life, but to also run impromptu & scheduled promotional audio material when needed - thanks to the onboard-Bluetooth and embedded SD card functionality. ICE Cables' direct burial FX series speaker cabling was employed to provide the speakers with amplified signal, direct to the lion's enclosure.

After the solution was completed, Jared Vacilius from HCS said "We were able to tap the two low profile UBX8 and one UBX4 speakers easily and tune the coverage ideally, with different audio levels across the 3 areas. The Adelaide Zoo staff were very impressed with the control, clarity and pattern..."

The result is a roaring success.

Installation completed by:
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