

»Carmen« for Handa Opera on Sydney Harbour

Sydney Harbour, Australia, April 2013

Barco's IOSONO sound solutions for live shows



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About

The production of George Bizet's »Carmen« for Handa Opera on Sydney Harbour, staged by Opera Australia, was spectacular on all levels.

The stage resembling a bullfighting ring appeared to float on Sydney Harbour. With dazzling costumes and firework effects, the audience experience was complimented with a high quality sound system by IOSONO to present the orchestra in its dimension and the singers in their location.

Visitors will not forget the neonlit silhouette of a bull which lit up the final scene as well as the knockout performances, dances, the fireworks and an incredible audio experience.

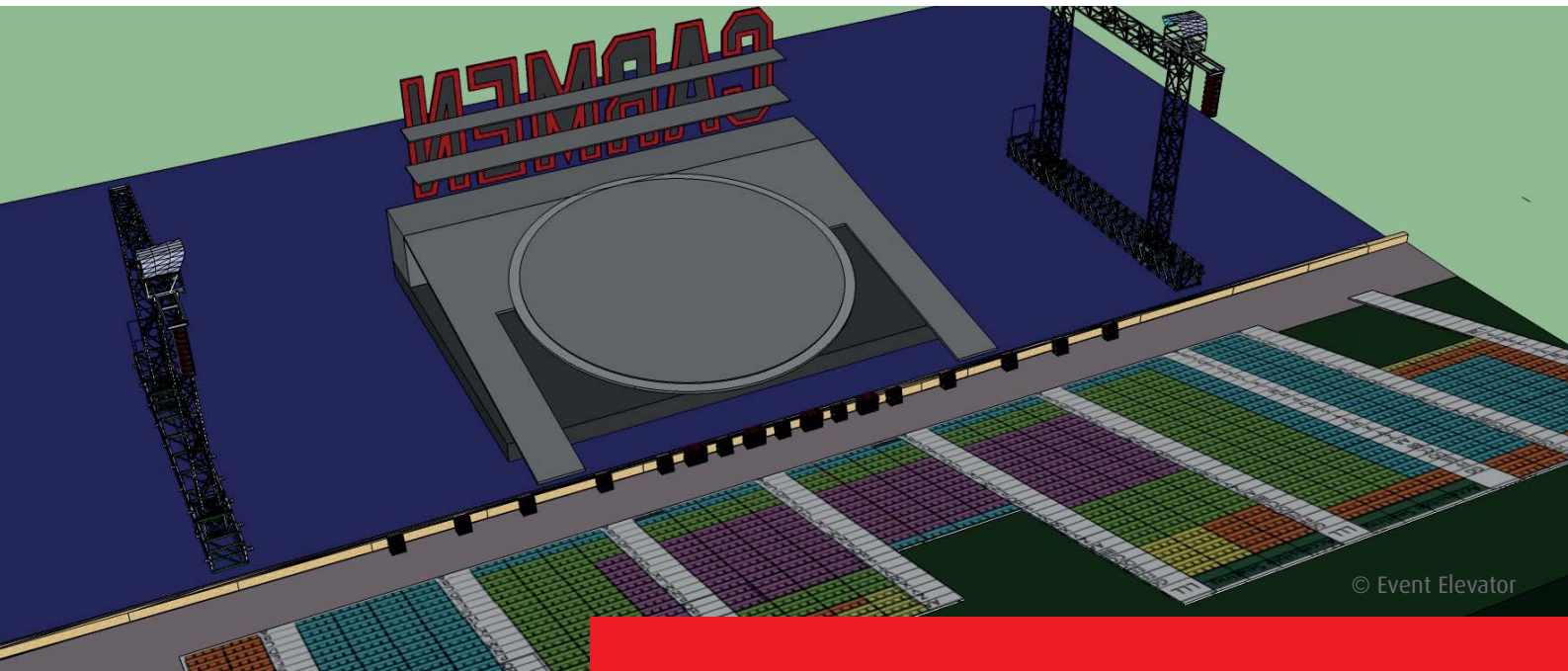
Technical specification

Audience area (WxD): 70m x 30m
Stage area (WxD): 32m x 24m

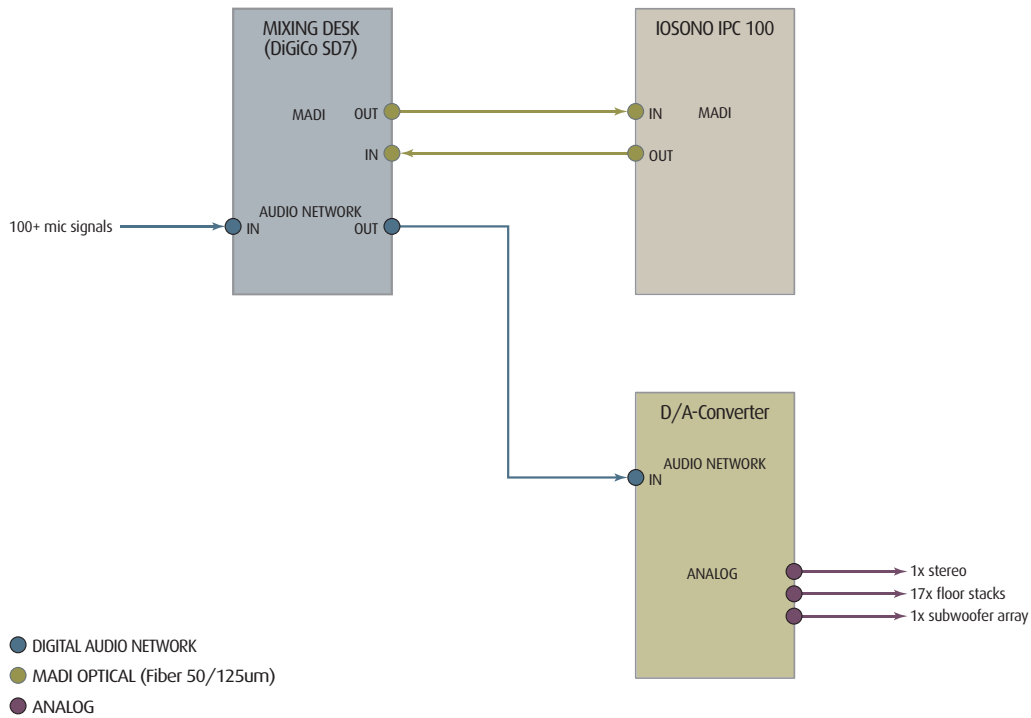
Processor: IOSONO Spatial Audio Processor IPC100

- 1 standard dual-mono, long-throw PA**
type: L-Acoustics Kudo (line arrays)
- 17 floor stacks with 3 cabinets per stack**
type: L-Acoustics Kudo
- 4 subwoofer stack with 2 double 18" subwoofers**
type: L-Acoustics SB28

Simple system sketch



Signal flow chart



Impressions



Watch the whole video: <http://bit.ly/carmen-video>

Special feature

- about 3,000 visitors per evening
- in total 41,000 visitors
- orchestra played in a studio under the stage (above the water) with acoustical treatment
- all sound reinforcement had to be done from the floor in front of the stage
- all shows sold out
- nominated for Best Sound Design at 2013 Helpmann Awards

»It's impossible to describe how tactile and realistic IOSONO's spatial audio processor renders the orchestra and singers.«

Tony David Cray
Sound Designer for Handa Opera on Sydney Harbour



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