

Introduction:

Cheers Bar and Grill is Sydney's premier live sporting venue, located in George Street in Sydney's CBD. Set over three levels, patrons can enjoy a wide variety of sports from around the world 24/7 on multiple screens spread throughout the building.

In January 2020, Cheers Bar & Grill commenced a venue-wide refurbishment. CAV and the team at Amber Technology worked together on an audio solution for the venue featuring Xilica and Australian Monitor.



Project requirement

Cheers is known as a sports bar running multiple screens in the venue, all showing different content of sports from around the world including basketball, football, UFC, tennis and rugby. The venue is small and spread over three levels. They were looking for an audio solution to allow them to effectively broadcast games from each individual screen so that patrons could hear the game they were watching.

Project brief

In a venue set over three levels, create an audio zone for each individual screen, with the ability to select the audio to match screen display with correct audio.

Display content is drawn from 13 different channels - five Fox channels, four Optus channels and four free-to-air media channels, all required to be available to any screen.

On the ground and first floors (which were trading during the system install) a number of speakers were installed into small areas creating 12 zones. Across these two floors audio needed to be delivered into a zone effectively while creating minimal spillover to other adjacent zones.

The basement area has four zones plus is a nightclub with a VIP room that required minimal spillover.

The software built in Xilica made this a much easier task to achieve with 24 audio inputs and 18 audio outputs. The nightclub area also had the requirement for audio delay times for each input to achieve:

- lip sync audio to vision
- radio mic priority override
- third party control



Products selected

Xilica products were selected as the audio solution, with Australian Monitor power amps.

Xilica was chosen for its:

- flexible Dante in/out, s
- easy input/out cards
- small 4x4 Dante boxes
- third party control
- easy software design and setup
- reliability - as the venue runs 24 hours there is no downtime for repairs

The Xilica setup was designed to work alongside the Australian Monitor 1Ru 2 channel power amps which allowed rack space to be kept at a minimum.

Key project results

The system design delivered a cost-effective solution that is easy to use and fitted well into the compact space of the venue.

After a week of programming and fine tuning eq, delay etc. the clients are happy with the result as the Australian Monitor and Xilica components are installed back of house, making them invisible to the patrons.



Equipment list

The system design delivered a cost-effective solution that is easy to use and fitted well into the compact space of the venue.

Australian Monitor HS2250P

Xilica Solaro FR1

Xilica XIO-16

“As they use the system and use these products, both Xilica and Australian Monitor have performed perfectly for Cheers. We think this is a good result as they have asked us to how look at other projects for them. We will use Xilica and Australian Monitor with them again.”

Craig Simonsen
AVS/IT Service & Integration



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