

PARTNER STORY



STADIUMS & ARENAS



OPPORTUNITY

Wanting to enhance the fan experience and create an exciting atmosphere, the Ulsan Complex Stadium needed a state-of-the-art audio system that delivers exceptional sound throughout the venue.



SOLUTION

TechDataPS Co., Ltd., and Daeseong Media installed a cutting-edge HARMAN Professional audio solution that includes JBL Professional loudspeakers, Crown amplification, Soundcraft mixers and more.

ULSAN COMPLEX STADIUM, SOUTH KOREA

Built in 1970, the Ulsan Sports Complex includes Ulsan Complex Stadium, which was the original home of Ulsan Hyundai FC and features a capacity of 19,471. Today, the stadium is home to Ulsan Citizen FC, which competes in Korea's K4 professional soccer league. Located between the Yaksacheon and Dongcheon rivers, Ulsan Sports Complex also includes an auxiliary stadium, the Dongcheon Gymnasium, Dongcheon National Sports Center, a basketball court, foot volleyball court, futsal court as well as a youth concert hall. To bring exceptional sound to sporting events and create an entertaining environment for fans, TechDataPS and Daeseong Media equipped Ulsan Complex Stadium with a cutting-edge HARMAN Professional audio solution that includes JBL Professional loudspeakers, Crown amplification, Soundcraft mixers and BSS signal processors.

"The client required a system that could deliver reliable, highly articulate sound output. It was also essential that the system maximize sound coverage across the venue, keeping in mind the close proximity of residential buildings," said a spokesperson for TechDataPS. "Considering multiple factors including safety, durability and the varying acoustic demands of the venue, we zeroed in upon JBL VTX A-Series loudspeakers."

“Considering multiple factors including safety, durability and the varying acoustic demands of the venue, we zeroed in upon JBL VTX A-Series loudspeakers.”

Providing pristine sound throughout the stadium, TechDataPS selected JBL VTX A8 dual 8" compact line array loudspeakers for their excellent audio quality and 110° dispersion. The system also includes an array of JBL all-weather loudspeakers, including AW295, AW595, AWC129 and AWC82 speakers, which deliver exceptional acoustics and feature weather-resistant enclosures. TechDataPS also installed 305P MkII powered studio monitors, which feature JBL's patented Waveguide Technology and allow the stadium's audio engineers to reference the mix accurately to make sure it will translate well over the loudspeakers.





“

We were looking at a complete renewal of the existing sound setup. Apart from delivering world-class performance, the setup had to meet great standards of reliability, durability and safety.”

To ensure optimum audio performance, the system includes BSS BLU-DA and BLU-100 signal processors with BLU Link, while Crown I-Tech 4x3500HD, DCi 4|600N and DCi 4|300N amplifiers power the solution. Further adding to the system's excellent audio output, Soundcraft Vi2000, Si Performer 1 and Signature 12 mixing consoles offer unparalleled mixing capabilities with professional, studio-quality sound.

“We were looking at a complete renewal of the existing sound setup. Apart from delivering world-class performance, the setup had to meet great standards of reliability, durability and safety. The latter two were especially important factors because of the windy conditions prevalent in Ulsan,” said a spokesperson for Ulsan Complex Stadium. “We are extremely satisfied with the incredible solutions that TechDataPS and Daeseong Media provided.”

“The Ulsan Complex Stadium called for audio solutions that could address a complex set of requirements. Not only was there a requirement for a world-class sound system, but also designs and setups that were executed with great prudence,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “We would like to thank our partner TechDataPS Co., Ltd., for delivering a solution that admirably met the multi-faceted challenges.”

PRODUCTS USED

BSS BLU-100 SIGNAL PROCESSOR WITH BLU LINK

BSS BLU-DA DANTE™ / AES67 TO BLU LINK BRIDGE

CROWN DCI 4|300N POWER AMPLIFIER

CROWN DCI 4|600N POWER AMPLIFIER

CROWN I-TECH 4X3500HD POWER AMPLIFIER

JBL AW295 TWO-WAY ALL-WEATHER LOUDSPEAKER

JBL AW595 TWO-WAY ALL-WEATHER LOUDSPEAKER

JBL AWC82 ALL-WEATHER COAXIAL LOUDSPEAKER

JBL AWC129 ALL-WEATHER COAXIAL LOUDSPEAKER

JBL 305P MKII POWERED STUDIO MONITORS

JBL VTX A8 DUAL 8" COMPACT LINE ARRAY LOUDSPEAKERS

SOUNDCRAFT SI PERFORMER 1 DIGITAL MIXING CONSOLE

SOUNDCRAFT SIGNATURE 12 ANALOG MIXER

SOUNDCRAFT VI2000 DIGITAL MIXING CONSOLE





CONTACT

For PR Inquiries:

David Glaubke

Director, Public Relations

HARMAN Professional Solutions

david.glaubke@harman.com

+1 (818) 895-3464 Office

+1 (818) 470-7322 Mobile

FOR APAC

RV Ramachandran

Marketing Director - Asia Pacific

HARMAN Professional Solutions

108 Pasir Panjang Road

#02-08 Golden Agri Plaza

Singapore 118535

TEL No: +65-6870-5000

DID No: +65-6870-5092

Mobile: +65-9146-2464

Email: RV.Ramachandran@harman.com

ABOUT HARMAN

HARMAN (harman.com) designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems, audio and visual products, enterprise automation solutions; and services supporting the Internet of Things. With leading brands including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon®, Mark Levinson® and Revel®, HARMAN is admired by audiophiles, musicians and the entertainment venues where they perform around the world. More than 50 million automobiles on the road today are equipped with HARMAN audio and connected car systems. Our software services power billions of mobile devices and systems that are connected, integrated and secure across all platforms, from work and home to car and mobile. HARMAN has a workforce of approximately 30,000 people across the Americas, Europe, and Asia. In March 2017, HARMAN became a wholly-owned subsidiary of Samsung Electronics Co., Ltd.



© 2020 HARMAN International Industries, Incorporated. All rights reserved. Harman Kardon, Infinity, JBL, Lexicon and Mark Levinson are trademarks of HARMAN International Industries, Incorporated, registered in the United States and/or other countries. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries. Features, specifications and appearance are subject to change without notice.