

CASE STUDY



EDUCATION



OPPORTUNITY

Jeonju National University of Education's recently remodeled Hwanghak Hall features a 470-seat auditorium, which required a modern audio system for pristine sound throughout the venue.



SOLUTION

TechDataPS Co., Ltd. outfitted the performance space with a state-of-the-art sound reinforcement system featuring JBL Professional, Crown and Soundcraft solutions.

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The HARMAN system installed by TechDataPS delivers balanced sound coverage and natural sound quality during lectures and performances in the auditorium.”

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JBL speakers proved ideal for the project, thanks to their clear voice transmission and excellent resolution.”

JEONJU NATIONAL UNIVERSITY OF EDUCATION, SOUTH KOREA

Jeonju National University of Education's Hwanghak Hall is a 28-year-old building that was recently remodeled. In addition to seminar rooms, waiting areas and dressing rooms, the 9,800-square foot facility features a 470-seat multipurpose auditorium. In order to ensure premium sound quality in the auditorium, the university needed a modern sound system. Jeonju National University of Education hired TechDataPS Co., Ltd. to outfit the performance space with state-of-the-art HARMAN Professional audio solutions including JBL Professional loudspeakers, Crown amplifiers and Soundcraft mixers.

TechDataPS reported that Jeonju National University required a simple yet dynamic audio system to produce impactful events in their concert hall for students and guests. They went on to say that their team focused on precise speaker positioning and tuning to deliver pristine audio in the auditorium. JBL speakers proved ideal for the project, thanks to their clear voice transmission and excellent resolution.

Since Hwanghak Hall is also used as a lecture room for students, TechDataPS installed JBL VerTec VT4886 line array speakers as the main system to ensure clear speech intelligibility to every seat in the house. The team powered the loudspeakers with Crown I-Tech 4x3500HD, XTi 1002, XLi1500 and XLi800 amplifiers. To enable professional-sounding mixes for a wide range of events, TechDataPS included Soundcraft Si Expression 3 audio mixers.

University staff reported that the HARMAN system installed by TechDataPS delivers balanced sound coverage and natural sound quality during lectures and performances in the auditorium. They went on to say that JBL VT4886 speakers provide several benefits, including a uniform dispersion pattern that helps to minimize echo in the room, and a frequency response that is appropriate for the space.





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“It is a privilege for HARMAN to support interactive learning styles and provide sophisticated audio systems for a wide range of events at Jeonju National University of Education,” said Amar Subash, VP & GM, HARMAN Professional Solutions, APAC. “HARMAN thanks TechDataPS for providing dedicated customer service throughout the project and transforming the university concert hall into a lively space for both students and guests.”

#### PRODUCTS USED

**CROWN I-TECH 4X3500HD AMPLIFIERS**

**CROWN XTI 1002 AMPLIFIERS**

**CROWN XLI1500 AMPLIFIERS**

**CROWN XLI800 AMPLIFIERS**

**JBL VERTEC VT4886 LINE ARRAY SPEAKERS**

**SOUNDCRAFT SI EXPRESSION 3 MIXERS**

#### 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.



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