

PARTNER STORY



EDUCATION



OPPORTUNITY

Create a dynamic space that provides top-tier production quality, and is easily controlled by staff and students, for events in the main auditorium at the Rambhai Barni Rajabhat University.



SOLUTION

The university hired Mahajak Development to create an impressive showcase space with HARMAN Professional Solutions including JBL, Crown, Soundcraft, BSS and Martin.

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The university needed a simple but dynamic audiovisual solution to produce impactful events for students and guests.”

RAMBHAIBARNI RAJABHAT UNIVERSITY, THAILAND

Established in 1972, Rambhai Barni Rajabhat University is a non-profit higher education institution located in Chanthaburi, Thailand. The university offers graduate and undergraduate degree programs in a wide range of disciplines. In order to ensure top-tier production quality for student programs and events in the main auditorium, the university hired Mahajak Development to supply an end-to-end HARMAN networked AV system that could be easily controlled by staff and students.

“The university needed a simple but dynamic audiovisual solution to produce impactful events for students and guests,” said Pongsakorn Kanchanachayphoom, Project Director, Mahajak Development Co. Ltd. “Taking into account the school’s request for a user-friendly system, we selected a comprehensive HARMAN system for its superior sound quality, unrivaled flexibility and intuitive controls.”

Mahajak delivered rich and accurate sound reinforcement in the auditorium with JBL Control 2PS/230 compact loudspeakers, and provided full and balanced coverage with JBL Control 14 C/T and 16 C/T in-ceiling speakers. All speakers were powered with reliable Crown CDi 1000, XLS 2502, MA 5000i and XTi 4002 amplifiers. For control over the audio system, the Mahajak team installed a Soundcraft Si Expression 3 audio mixer. The entire system is networked via a BSS Soundweb London BLU-100 digital audio processor.

In order to ensure proper lighting for all events, Mahajak equipped the auditorium with an array of Martin Professional lighting fixtures. RUSH MH1 Profile and MH 2 Wash fixtures deliver excellent visual effects, while PAR 1 RGBW fixtures produce spectacular dimming and strobe effects. The entire lighting system is easily controlled with Martin M2PC software, one of the most powerful PC-based lighting controllers on the market.



AKG

AMX

BSS



dbx



lexicon

Martin

Soundcraft

STUDER



“

We wanted to install a modern AV system with enough flexibility to handle events of any size. We asked Mahajak to design a future-proof AV system that not only offers intuitive control features but also provides effective communication and collaboration tools. The new HARMAN system was easy for our staff and students to learn how to operate, and provides us with everything we need to produce successful events.”

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“It is a privilege to support interactive learning styles and provide world-class AV solutions at Rambhai Barni Rajabhat University,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “We thank Mahajak providing dedicated customer service throughout all phases of the project, and transforming the school’s auditorium into a living canvas of student activities.”

PRODUCTS USED

JBL CONTROL 2P COMPACT POWERED REFERENCE MONITORS

JBL CONTROL 14C/T TWO-WAY COAXIAL CEILING LOUDSPEAKERS

JBL CONTROL 16C/T TWO-WAY COAXIAL CEILING LOUDSPEAKERS

CROWN CDI 1000 TWO-CHANNEL 500W POWER AMPLIFIERS

CROWN XLS 2502 TWO-CHANNEL 775W POWER AMPLIFIERS

CROWN MA 5000I TWO-CHANNEL 2500W POWER AMPLIFIERS

CROWN XTI 4002 TWO-CHANNEL 1200W POWER AMPLIFIERS

SOUNDCRAFT SI EXPRESSION 3 DIGITAL CONSOLE

BSS SOUNDWEB LONDON BLU-100 SIGNAL PROCESSOR WITH BLULINK

MARTIN RUSH MH 1 PROFILE MOVING HEAD

MARTIN RUSH MH 2 LED WASH MOVING HEAD

MARTIN RUSH PAR 1 RGBW LED PAR CAN



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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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