

PARTNER STORY



STADIUMS & ARENAS



OPPORTUNITY

Ratchaburi Provincial Stadium required a comprehensive networked AV system to deliver clear, intelligible sound for announcements and music during sporting events, performances and more.



SOLUTION

Mahajak Development equipped Ratchaburi Provincial Stadium with a cutting-edge HARMAN Professional Solutions networked AV system to deliver clear, intelligible sound with balanced coverage.

“

We required a customized audio solution for the new stadium that would deliver consistent coverage and vocal clarity. We're highly satisfied with our new HARMAN system.”

RATCHABURI PROVINCIAL STADIUM, THAILAND

Ratchaburi Provincial Stadium is a world-class stadium and the former home of the Ratchaburi Mittr Phol Football Club. With over 10,000 seats, Ratchaburi Provincial Stadium is Thailand's premier live event facility for sporting events, performances and more. Ratchaburi Provincial Stadium recently hired Mahajak Development to upgrade their existing sound system with a comprehensive HARMAN Professional Solutions networked AV system.

“The customer requested an audio system that could deliver crystal-clear sound during speeches, live performances and other live events,” said Mr. Pongsakorn Kanchanachayphoom, Project Director, Mahajak Development Co., Ltd. “Mounting a speaker on the roof of the stadium proved to be a bit of a challenge, as it needed to be specifically positioned for maximum impact throughout the seating area. But, after careful and precise measurements, we were able to achieve the desired result.”

Mahajak Development equipped the stadium with JBL PD566 full-range loudspeakers to deliver clear, intelligible sound with broad, even coverage. JBL PD525S high-output subwoofers provide deep, powerful low end for live performances and playback. Mahajak Development selected JBL AWC129 all-weather coaxial loudspeakers for their compact, weather-resistant design and high SPL capabilities. JBL LSR305 studio monitors were installed in the control room to deliver neutral, accurate sound for critical listening. The system is powered by industry-leading Crown DCi 2|600N, DCi 2|1250N and DSi 2000 amplifiers, which were selected for their unparalleled efficiency and advanced digital signal processing capabilities. Audio is routed throughout the facility using BSS BLU-100 and BLU-50 digital audio signal processors.



AKG

AMX

BSS



dbx

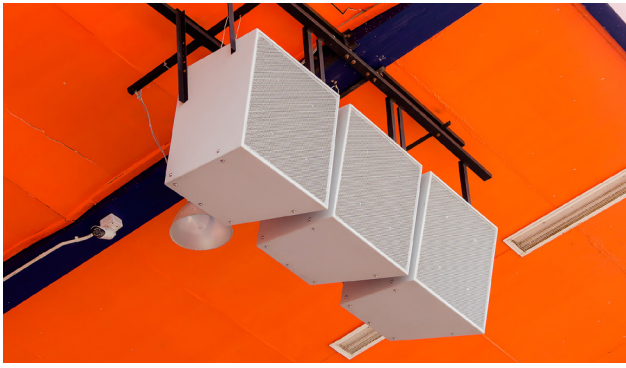


lexicon

Martin

Soundcraft

STUDER



“

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“We required a customized audio solution for the new stadium that would deliver consistent coverage and vocal clarity for announcements and live performances,” said a spokesperson from Ratchaburi Provincial Stadium. “We were confident that Mahajak could design a system that met our requirements, and they have definitely lived up to our expectations. We’re highly satisfied with our new HARMAN system, which delivers exceptional audio quality and complete coverage.”

“Large-scale, multi-use venues like the Ratchaburi Provincial Stadium require advanced audio systems to deliver clear voice and music coverage across all seating sections,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “We’d like to thank our partner Mahajak for delivering enterprise-level solutions at the facility and for creating a powerful audio solution that helps elevate the action on the field.”

PRODUCTS USED

BSS BLU-100 DIGITAL AUDIO SIGNAL PROCESSOR

BSS BLU-50 DIGITAL AUDIO SIGNAL PROCESSOR

CROWN DCI 2|1250N AMPLIFIERS

CROWN DCI 2|600N AMPLIFIERS

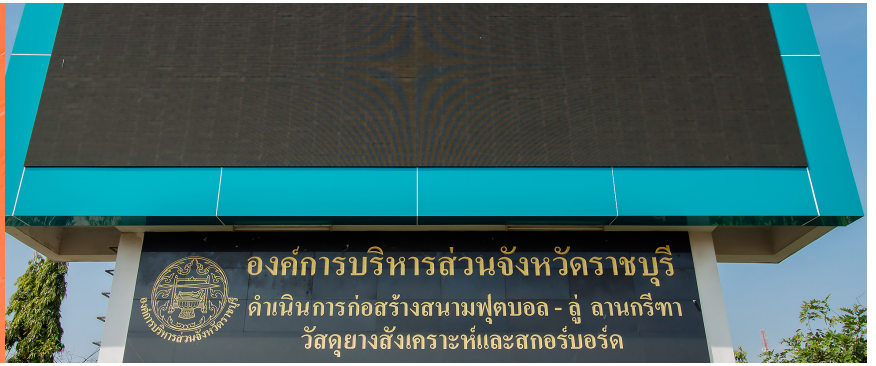
CROWN DSI 2000 AMPLIFIERS

JBL AWC129 ALL-WEATHER COAXIAL LOUDSPEAKERS

JBL LSR305 POWERED STUDIO MONITORS

JBL PD525S SUBWOOFER LOUDSPEAKERS

JBL PD566 FULL-RANGE LOUDSPEAKER SYSTEM



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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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