

PARTNER STORY



HOTELS



OPPORTUNITY

Provide a five-star audio experience for the wide range of areas throughout the hotel and convention center.



SOLUTION

Mahajak Trio deployed a variety of sound reinforcement solutions by HARMAN Professional Solutions, featuring products from JBL, Crown, AKG, and BSS.

MOVENPICK HOTEL, MALAYSIA

Located just a few minutes from Kuala Lumpur International Airport and the F1 Sepang International Circuit, Movenpick Hotel & Convention Centre KLIA is a newly opened upscale five-star hotel. In addition to 333 private rooms, a health and wellness center, a lobby lounge and two specialty restaurants, the property features a 280,000 square foot convention center, which consists of a large ballroom, an exhibition hall, multi-function spaces and meeting rooms. In order to ensure a five-star audio experience for the wide range of areas throughout the hotel and convention center, management hired Mahajak Trio to install customized audio solutions for each environment. Mahajak Trio selected a complete HARMAN networked audio solution for its renowned sound quality, versatility and ease of use.

Events held in the main ballroom benefit from the extraordinary power handling and clarity of JBL. The main hall was fitted with the VTX V20 system powered by Crown ITHD amplifiers. The hall was divided into three smaller adaptable partitions, each equipped with the VRX932LA-1, a portable sound reinforcement system. The VRX932LA-1 is a compact 12" two-way line array speaker system designed for use in arrays. The PRX812W speakers provide exceptional flexibility as stage monitors and fill speakers, and their built-in Wi-Fi technology makes it easy to tune the system for different configurations via the free PRX Connect app. Mahajak selected AKG WMS470 wireless lavalier and handheld microphone sets to ensure optimum intelligibility and reliable multichannel wireless performance for events of any size. For mixing, Mahajak supplied the main ballroom with a Soundcraft Vi1 digital live sound console for its comprehensive I/O and user-friendly workflow, while Soundcraft EFX 12 compact mixers deliver high quality mixes in the meeting rooms, restaurants and pool areas.



Thanks to the incredible depth and versatility of HARMAN solutions, we successfully achieved the owner's goals as well as our own—to deliver a listening experience that reimagines high-definition sound reinforcement.”





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To seamlessly integrate high quality audio into the elegant hotel and convention space, Mahajak Trio selected a range of JBL Professional loudspeakers. Mahajak outfitted the pre-function hall and meeting rooms with JBL Control 328CT and Control 16CT ceiling speakers, while Control 23-1, Control 25-1 and Control 16 C/T speakers were installed in the restaurants and pool areas. Mahajak utilized JBL CBT50, Control 25-1 and Control 88M speakers to deliver high quality audio in the central corridor and building exterior. All speakers are powered by Crown I-Tech HD Series amplifiers and networked using BSS Soundweb London signal processors.

“We understand that audio systems play an integral role in the overall aesthetic of an elegant space like the Movenpick Hotel & Convention Center KLIA,” said David Yip, CEO, Mahajak Trio. “When we were asked to design audio systems for the entire property, we wanted to provide an immersive audio experience to stimulate guests upon arrival. Thanks to the incredible depth and versatility of HARMAN solutions, we successfully achieved the owner’s goals as well as our own—to deliver a listening experience that reimagines high-definition sound reinforcement. The wide range of JBL speakers available enabled us to customize each audio solution to deliver outstanding coverage and clarity while blending in aesthetically with each environment.”

#### **PRODUCTS USED**

**JBL VRX SERIES LINE ARRAYS**

**JBL PRX SERIES POWERED SPEAKERS**

**JBL CONTROL SERIES COMMERCIAL SPEAKERS**

**JBL CBT SERIES COLUMN SPEAKERS**

**JBL CONTROL 80 SERIES LANDSCAPE SPEAKERS**

**CROWN I-TECH HD SERIES AMPLIFIERS**

**BSS SOUNDWEB LONDON SERIES DIGITAL SIGNAL PROCESSORS**

**SOUNDCRAFT VI SERIES MIXING CONSOLES**

**SOUNDCRAFT EFX SERIES MIXING CONSOLES**

**AKG WMS470 WIRELESS MICROPHONE SYSTEMS**





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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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