

CASE STUDY



HOTELS



OPPORTUNITY

Capella Bangkok, a luxurious five-star hotel overlooking the Chao Phraya River, required a premium audio-visual system throughout the facility to ensure a premium guest experience.



SOLUTION

Country Group Development collaborated with Mahajak Development to equip the hotel with an extensive suite of HARMAN Professional networked AV, lighting and control solutions.

CAPELLA BANGKOK HOTEL, THAILAND

Capella Bangkok is a five-star hotel situated on a 13.8-acre lot overlooking the Chao Phraya River. In addition to its 101 lavishly-appointed guest rooms, suites and luxury villas, the hotel features three restaurants, a tearoom, a greenhouse, a grand ballroom and four multipurpose "atelier" specialty function rooms.

"We were responsible for the audio, visual, lighting and control systems design for the ballroom, specialty function rooms and four areas of the background music system" said Eric Wong, AV Consultant of Katakana Consulting Co., Ltd., as reported by Mahajak. "The client wanted a versatile system capable of delivering sharp, clear sound without distortion for a variety of functions like seminars, conferences and other events. They also requested a high-resolution video system."

"We are proud to be a part of the organization installing the audio system for Capella Bangkok Hotel," added Pongsakorn Kanchanachayphoom, Project Director, Mahajak Development Co. Ltd.

Mahajak provided background music systems for the lobby, lounge, restaurant, pool, spa and fitness areas, as well as a public announcement system capable of broadcasting to every floor from a single control room. In the main lobby and corridors, JBL Control 14CT and Control 47CT ceiling speakers provide full-range sound while blending into the architecture seamlessly. In areas with high ceilings, Mahajak selected JBL Control 226CT, 45C/T and 19CST in-ceiling loudspeakers for greater coverage. Weather-resistant JBL Control 88M and Control 29-1AV outdoor loudspeakers cover the garden area, while MS610 waterproof marine loudspeakers provide audio for the spa area.





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To meet the needs of a variety of events from weddings to business meetings, Mahajak equipped the ballroom and specialty function rooms with JBL Control 16CT, 45CT, 226C/T, 19CST and 328C in-ceiling loudspeakers. JBL EON612 self-powered loudspeakers with PRX818LF low-frequency subwoofer systems provide additional sound reinforcement for larger events. Mahajak selected Crown CDi 2|300, XTi 6002, CT 8150 and XFMR-8 amplifiers to power the speakers, as well as a Soundcraft LX7ii analog mixing console for uncompromising sound and reliable performance. To provide professional-quality lighting for the stage area, Mahajak hung Martin RUSH PAR 2 RGBW Zoom fixtures from a ceiling truss, using a Martin Ether2DMX8 router to send DMX control signals to the fixtures.

To give staff comprehensive control over the audio and lighting systems, Mahajak equipped the hotel's control center with a range of HARMAN control solutions and installed additional control panels throughout the facility for on-site adjustments. An AMX NX-3200 integrated controller with an MXD-1001-L touch panel provides comprehensive routing for AV signals throughout the facility, while the AMX TPC-IPAD app provides remote control capabilities via Apple iPad. A BSS BLU-100 Signal Processor in the control center provides signal distribution to each floor's audio system via BLU Link digital audio networking, while BSS BLU-10 and EC-4BV wall-mounted controllers allow staff to easily adjust volume and configure audio zones remotely. Crown CDi 4|300 amplifiers power each floor's speakers and a Soundcraft LX7ii analog mixing console provides advanced mixing capabilities.

Capella Bangkok Hotel staff reported that the HARMAN AV and lighting solutions exceeded their expectations, providing a world-class experience for guests. They added that Mahajak helped achieve their objective of livening up the space with pristine sound and speech intelligibility across the facility.

"A sophisticated venue like Capella Bangkok Hotel requires best-in-class AV and lighting solutions to create an immersive space for guests," said G. Amar Subash, VP and GM, HARMAN Professional Solutions, APAC. "We would like to thank our partner Mahajak Development for applying their expertise and executing the project with dedication and perfection."





PRODUCTS USED

AMX MXD-1001-L TOUCH PANEL

AMX NX-3200 INTEGRATED CONTROLLER

AMX TPC-IPAD APP

BSS BLU-10 WALL-MOUNTED CONTROLLER

BSS BLU-100 SIGNAL PROCESSOR

BSS EC-4BV WALL-MOUNTED CONTROLLER

CROWN CDI 2|300 AMPLIFIER

CROWN CDI 4|300 AMPLIFIER

CROWN CT 8150 AMPLIFIER

CROWN XFMR-8 AMPLIFIER

CROWN XTI 6002 AMPLIFIER

JBL CONTROL 14CT CEILING SPEAKERS

JBL CONTROL 19CST CEILING SPEAKERS

JBL CONTROL 16CT CEILING SPEAKERS

JBL CONTROL 226CT CEILING SPEAKERS

JBL CONTROL 29-1AV OUTDOOR LOUDSPEAKERS

JBL CONTROL 328C CEILING SPEAKERS

JBL CONTROL 45CT CEILING SPEAKERS

JBL CONTROL 47CT CEILING SPEAKERS

JBL CONTROL 88M LANDSCAPE SPEAKER

JBL EON612 SELF-POWERED LOUDSPEAKERS

JBL MS610 WATERPROOF MARINE LOUDSPEAKERS

MARTIN ETHER2DMX8 ROUTER

MARTIN RUSH PAR 2 RGBW ZOOM FIXTURES

SOUNDCRAFT LX7II ANALOG MIXING CONSOLE



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