

## PARTNER STORY



## HOTELS



### OPPORTUNITY

Grande Centre Point Hotel required state-of-the-art audio and lighting solutions in the Port Ballroom, the water park and the Sky 32 Lounge, as well as a mobile AV solution for events.



### SOLUTION

To create immersive audiovisual experiences, Grande Centre Point hired Mahajak to outfit the facilities with cutting-edge audio and lighting solutions from JBL, Crown, Soundcraft, BSS and Martin.

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### GRANDE CENTRE POINT, THAILAND

Located in the heart of North Pattaya, the Grande Centre Point Hotel is a 32-story luxury hotel and resort that offers comfort, convenience and fun for the whole family. In addition to 396 lavish rooms and suites, Grande Centre Point also offers a variety of amenities and activities, including the famous Terminal 21 shopping mall, the Sky 32 rooftop lounge, an amphitheater for events and a family waterpark. The hotel also includes the Port Ballroom and its seven adjoining meeting rooms, which are used for formal meetings, conferences, private dinner parties and exquisite banquets. To elevate the entertainment experience, Grande Centre Point hired leading integrators Mahajak Development Co., Ltd. to design and install state-of-the-art audio and lighting solutions in the Port Ballroom, the water park and the Sky 32 Lounge, as well as a mobile AV solution for events. Mahajak selected a wide range of world-class solutions from JBL, Crown, Soundcraft, BSS and Martin.

“The client required various audiovisual and lighting solutions for four of the hotel’s facilities,” said Pongsakorn Kanchanachayphoom, Director of Project, Mahajak Development Co., Ltd. “They required a versatile audio solution for the meeting room, which consists of seven rooms that can either be combined or separated for events. The family water park required a PA system to make announcements, play background music and more. They required a mobile audio, visual and lighting setup for activities such as seminars, concerts and events. Finally, they needed an audio system for the Sky Lounge on the 32nd floor. We decided that JBL audio solutions and Martin lighting systems would be best suited for this multi-faceted project.”

In the Port Ballroom and adjoined meeting rooms, Mahajak deployed JBL Control 14C/T in-ceiling loudspeakers to deliver clear, detailed sound for meetings and events. To power the system, Mahajak selected Crown CDi 2I300 amplifiers for their impressive performance and streamlined functionality. A Soundcraft Si Impact digital mixing console delivers uncompromising sound quality and provides staff with complete control over the system.



AKG

AMX

BSS



dbx



lexicon

Martin

Soundcraft

STUDER



“

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Mahajak equipped the water park with a complete HARMAN Professional Solutions networked audio system to enable staff to make announcements and play music throughout the facilities. Compact JBL Control 25-1 indoor/outdoor loudspeakers mounted throughout the park deliver detailed sound with consistent coverage. MTC-25WMG-1 WeatherMax grilles provide the Control 25-1 speakers with greater protection against the environmental damage and extend their service life. The system is powered by Crown CDi 2I300 amplifiers and routed through a BSS BLU100 Signal Processor via BLU link. To enable crystal-clear sound for announcements, Mahajak installed a JBL CSPM-1 microphone system.

Mahajak deployed JBL Control 29AV-1 indoor/outdoor loudspeakers in the Sky 32 Lounge to enhance the ambiance with their sleek design and deliver clear, balanced sound for background music. With rugged construction and a highly weather-resistant design, Control 29AV-1 speakers are well protected against the elements and offer an extended service life.

To provide staff with an easy-to-use mobile production setup for concerts and events, Mahajak deployed a complete HARMAN Professional Solutions audio and lighting rig, including solutions from JBL, Soundcraft and Martin. JBL EON615 and EON612 two-way powered loudspeakers deliver pristine sound in a versatile, easy-to-use system. For powerful low-frequency reinforcement, Mahajak included the lightweight JBL EON618S portable subwoofer. The system is controlled with a Soundcraft Si impact digital mixing console. To create immersive lighting displays, Mahajak equipped the mobile production rig with compact, powerful Martin Rush MH 2 Wash fixtures. The lighting system is routed through a Martin DMX 5.3 Splitter and controlled using the intuitive Martin M-Touch stage lighting control system.

“We required versatile audiovisual and lighting solutions for some of our facilities and attractions,” said a spokesperson of Grande Centre Point. “In addition to the high-quality performance of the systems, reliability was of utmost importance for us. We are delighted with the solutions provided by Mahajak Development Co., Ltd. The sound and lighting solutions have matched up to our expectations.”

“The project at the Grande Centre Point Hotel called for a flexible solution which adhered to the highest standards of performance and dependability,” said Ramesh Jayaraman, VP & GM, HARMAN Professional Solutions, APAC. “We would like to thank our partner Mahajak Development Co., Ltd., for expertly devising and delivering a solution that involved several critical variables and components.”





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#### CONTACT

For PR Inquiries:

David Glaubke

Director, Public Relations

HARMAN Professional Solutions

david.glaubke@harman.com

+1 (818) 895-3464 Office

+1 (818) 470-7322 Mobile

#### FOR APAC

RV Ramachandran

Marketing Director - Asia Pacific

HARMAN Professional Solutions

108 Pasir Panjang Road

#02-08 Golden Agri Plaza

Singapore 118535

TEL No: +65-6870-5000

DID No: +65-6870-5092

Mobile: +65-9146-2464

Email: RV.Ramachandran@harman.com

#### PRODUCTS USED

**BSS BLU100 SIGNAL PROCESSOR**

**CROWN CDI 21300 AMPLIFIERS**

**JBL CONTROL 14C/T IN-CEILING LOUDSPEAKERS**

**JBL CONTROL 25-1 INDOOR/OUTDOOR LOUDSPEAKERS**

**JBL CONTROL 29AV-1 INDOOR/OUTDOOR LOUDSPEAKERS**

**JBL CSPM-1 MICROPHONE SYSTEM**

**JBL EON612 TWO-WAY POWERED LOUDSPEAKERS**

**JBL EON615 TWO-WAY POWERED LOUDSPEAKERS**

**JBL EON618S PORTABLE SUBWOOFER**

**MARTIN DMX 5.3 SPLITTER**

**MARTIN M-TOUCH STAGE LIGHTING CONTROL SYSTEM**

**MARTIN RUSH MH 2 WASH FIXTURES**

**SOUNDCRAFT SI IMPACT DIGITAL MIXING CONSOLES**

#### 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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