

CASE STUDY



THEMED ATTRACTIONS



OPPORTUNITY

To enhance the visitor experience, Pororo & Tayo Theme Park Jeju needed to replace their aging sound system, which emitted abundant echo and harsh frequencies.



SOLUTION

TechData PS equipped the entire park with a complete HARMAN Professional audio system featuring JBL Professional, Crown, BSS, AKG and Soundcraft solutions.

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After being impressed by the performance of JBL Control 60 loudspeakers, park organizers hired TechDataPS to equip the facility and grounds with a complete HARMAN Professional audio system”

PORORO & TAYO THEME PARK JEJU, SOUTH KOREA

Based on the popular characters Pororo the Little Penguin and Tayo the Little Bus, Pororo & Tayo Theme Park Jeju features numerous “edutainment” attractions that encourage children to learn while having fun. However, the park’s aging sound system was becoming a detriment to the experience, causing auditory fatigue for park employees and visitors due to an abundance of echo and harsh frequencies.

To provide a better experience for guests, Pororo & Tayo Theme Park Jeju’s audio system required a complete overhaul. After being impressed by the performance of JBL Control 60 loudspeakers at the BSS HARMAN Zone in Yongin, park organizers hired TechDataPS to equip the facility and grounds with a complete HARMAN Professional audio system featuring JBL Professional, Crown, BSS, AKG and Soundcraft solutions.

TechDataPS reported that the customer was concerned about the echo because of the high ceilings and wide-open spaces. They added that the previous sound system was installed for emergency disaster guidance without considering the echo effect.

To deliver high-quality sound with minimal echo in the indoor areas, TechDataPS selected JBL Control 67 P/T pendant speakers. With 120-degree conical coverage, the Control 67 P/T projects just enough sound to completely cover the intended area without reverberating throughout the space. To provide clean, smooth sound with consistent coverage at the outdoor stages, TechDataPS selected JBL VRX 900 Series line array loudspeakers. Since the main stage is close to the park’s parade ground, TechDataPS positioned the speakers to isolate sound within the theater area, emphasizing performances on stage without projecting into neighboring spaces.



AKG

AMX

BSS



dbx



lexicon

Martin

Soundcraft



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To deliver high-quality sound indoors, TechDataPS selected JBL Control 67 P/T pendant speakers, which cover the intended area without reverberating throughout the space.”

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Soundcraft Ui24R mixing consoles enable the park staff to mix remotely using an iPad or other mobile device, while BSS signal processors connect everything via a digital audio network.”

TechDataPS selected Crown Amplifiers to power the loudspeakers, providing plenty of volume and headroom as well as onboard signal processing for sound enhancement and speaker protection. Soundcraft Ui24R mixing consoles enable the park staff to mix remotely using an iPad or other mobile device and BSS signal processors form the system's backend, connecting everything via a flexible, high-bandwidth digital audio network. Additionally, TechDataPS provided AKG microphones for capturing clean, intelligible sound onstage.

“Pororo & Tayo Theme Park Jeju is a major landmark tourist attraction, so it is critical that they have state-of-the-art professional audio systems,” said Amar Subash, VP & GM, HARMAN Professional Solutions, APAC. “We would like to thank our partner TechDataPS for delivering the iconic JBL sound through a rugged and fully weather-resistant design, inspiring visitors to be fully part of the theme park experience.”

PRODUCTS USED

AKG MICROPHONES

BSS SIGNAL PROCESSORS

CROWN AMPLIFIERS

JBL CONTROL 67 P/T PENDANT SPEAKERS

JBL VRX 900 SERIES LINE ARRAY LOUDSPEAKERS

SOUNDRAFT UI24R MIXING CONSOLES



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