

## CASE STUDY

# PERFORMING ARTS



### OPPORTUNITY

For the “Home in the Dreams” open-air theater the Yitian Group wanted to enhance the performance, but needed a sound system that could withstand the rigors of outdoor use.



### SOLUTION

Zhongzhi Construction Technology Engineering Co. put together an all-weather audio solution, featuring JBL Professional loudspeakers and Crown amplifiers.



The customer said the sound quality was much better than that of similar venues, and they were quite confident in the level of quality the HARMAN system brought to the performance.”

### HOME IN THE DREAMS THEATER, CHINA

“Home in the Dreams” is an open-air theater performance of a traditional Chinese legend, presented by the Cultural Education branch of the Chinese company Yitian Group. The waterfront theater in Shangrao, Jiangxi province where it’s performed, provides a backdrop of lakes and mountains for up to 3,000 audience members.

Yitian Group wanted the natural beauty of the open-air theater to enhance the performance, but needed a sound system that could withstand the rigors of outdoor use. They hired Zhongzhi Construction Technology Engineering Co, who put together an all-weather audio solution, featuring JBL Professional loudspeakers and Crown amplifiers.

“After the installation of the audio system, the customers were highly satisfied with the theater’s acoustics,” said Chen Zhiwei, audio system designer and engineer of Zhongzhi Construction Technology Engineering Co. “They said the sound quality was much better than that of similar venues, and they were quite confident in the level of quality the HARMAN system brought to the performance.”

Zhongzhi installed JBL VTX A12 line array loudspeakers for focused mid- and high-frequency detail. ASB 6128 extended-range subwoofers supplemented the main arrays, covering 250Hz and below. To fill out the center image with full-range sound, Zhongzhi positioned three-way PD6322 loudspeakers along the front of the stage. High-powered AW595-BK monitors provided clear sound for the performers on stage. Heavy-duty WRC (Weather Resistant Coating) protected the loudspeakers from the elements.

Two Crown I-Tech 4x3500 HD power amplifiers with onboard OMNIDRIVE HD processing and network connectivity powered the main left and right arrays. Seven high-efficiency MA 5000i amplifiers powered the center-fill speakers, controlled by the same network as the line arrays. Three T10 dual-channel units powered the stage monitors, providing power and headroom in a simple, dedicated system.



AKG

AMX

ESS

CROWN

dbx

JBL  
PROFESSIONAL

lexicon

Martin

Soundcraft

STUDER



“

After the installation of the audio system, the customers were highly satisfied with the theater’s acoustics.”

#### PRODUCTS USED

**CROWN I-TECH 4X3500 HD POWER AMPLIFIERS**

**CROWN MA 5000I POWER AMPLIFIERS**

**CROWN T10 DUAL-CHANNEL POWER AMPLIFIERS**

**JBL PROFESSIONAL VTX A12 LINE ARRAY LOUDSPEAKERS**

**JBL PROFESSIONAL ASB 6128 EXTENDED-RANGE SUBWOOFERS**

**JBL PROFESSIONAL PD6322 LOUDSPEAKERS**

**JBL PROFESSIONAL AW595-BK MONITORS**



#### 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

To Speak With Someone About HARMAN Products and Solutions, visit [pro.harman.com/contacts](http://pro.harman.com/contacts)

#### 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.



© 2018 HARMAN International Industries, Incorporated. All rights reserved. Harman Kardon, Infinity, JBL, Lexicon and Mark Levinson are trademarks of HARMAN International Industries, Incorporated, registered in the United States and/or other countries. AKG is a trademark of AKG Acoustics GmbH, registered in the United States and/or other countries. Features, specifications and appearance are subject to change without notice.