

CASE STUDY



EDUCATION



OPPORTUNITY

Deliver exceptional audio quality and balanced coverage in new 900 seat Shaheed Baba Deep Singh Auditorium at Guru Nanak College.



SOLUTION

Studio Care deployed an end-to-end HARMAN Professional audio solution made up of JBL speakers, Crown amplification, BSS signal processing, Soundcraft digital mixing consoles and AKG microphones.



We chose HARMAN Professional Solutions for their prestigious brands, extensive service network, and the ability to create an end-to-end audio solution from a single manufacturer.”

GURU NANAK COLLEGE, INDIA

Inaugurated by President Shri Ram Nath Kovind on the school's 42nd annual convocation day, the Shaheed Baba Deep Singh Auditorium, a 7,200-square-foot auditorium houses 900 seats and is used for various student activities, cultural programs, convocation and other ceremonies. In order to deliver clear and even audio coverage throughout the facility, Studio Care deployed an end-to-end HARMAN Professional audio solution made up of JBL Professional speakers, Crown amplification, BSS signal processors, Soundcraft digital mixing consoles and AKG microphones.

“This is a fairly large auditorium, and the client wanted a state-of-the-art audio system that could deliver clear and uniform coverage,” said Mr. S. Kangayan, Owner, Studio Care. “We chose HARMAN Professional Solutions for their prestigious brands, extensive service network, and the ability to create an end-to-end audio solution from a single manufacturer. We supplied, installed and programmed the entire solution with strong support from the HARMAN engineering team. The JBL loudspeakers have delivered exceptional sound quality and coverage, and the client is very satisfied with the installation.”

The main audio system includes four JBL AM7315/95 loudspeakers and two ASB7128 subwoofers, as well as four AC18/26 loudspeakers for side fills and six EON612 self-powered loudspeakers for stage monitors. The loudspeakers are powered with two Crown DCi 411250N power amplifiers, the subwoofers are powered by a Crown DCi 412400N power amplifier, and the side fills are powered by a DCi 21600N power amplifier. Audio is mixed on a Soundcraft Si Impact 32-channel digital mixing console, and AKG microphones provide exceptional clarity and intelligibility for cultural programs, lectures, demonstrations and other presentations.

“Our installation at the Shaheed Baba Deep Singh Auditorium is an important milestone, and our expertise in the education market enabled us to deliver a world-class system in a very unique space,” said Prashant Govindan, Senior Director, India and SAARC, HARMAN Professional Solutions. “The Guru Nanak Education Society is a non-profit



AKG

AMX

BSS

CROWN

dbx

JBL
PROFESSIONAL

lexicon

Martin

Soundcraft

STUDER



“

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organization that is supported by 250 Sikh families residing in Chennai. Despite being a small community, their contribution in the field of education is commendable. During the project’s planning phase, the team at Guru Nanak College communicated that they wanted a high quality system with robust output, which helped deliver the right solution under a tight timeline. The entire project was completed in just two months—from planning to execution.”

PRODUCTS USED

JBL AM7315/95 THREE-WAY LOUDSPEAKERS

JBL ASB7128 ULTRA LONG EXCURSION HIGH POWER DUAL 18” SUBWOOFER

JBL AC18/26 COMPACT TWO-WAY LOUDSPEAKERS WITH 1 X 8” LF

JBL E0N612 12” TWO-WAY MULTIPURPOSE SELF-POWERED SOUND REINFORCEMENT

CROWN DCI 4L1250N, 4L2400N AND 2|600N AMPLIFIERS WITH BLU LINK

SOUNDCRAFT SI IMPACT DIGITAL MIXING CONSOLE

AKG MICROPHONES

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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