

CASE STUDY



CINEMA



OPPORTUNITY

The first cinema in the city of Aizawl, DM Cinema required a modern cinema audio system with loud and clear sound, comprehensive coverage and intuitive control.



SOLUTION

Cine Tech Engineering Works outfitted DM Cinema with class-leading HARMAN Professional Solutions cinema loudspeakers, amplifiers and control systems.



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DM CINEMA, INDIA

DM Cinema is the first cinema in Aizawl. With comfortable seating for up to 140, a full-sized cinema screen and a 2K projection system capable of showing 3D films, DM Cinema provides an immersive experience for moviegoers. In order to ensure comprehensive coverage throughout the theater, DM Cinema hired Cine Tech Engineering Works to install a world-class cinema sound system. Cine Tech installed a state-of-the-art HARMAN Professional Solutions audio system featuring class-leading JBL loudspeakers and Crown amplifiers.

“Being the first cinema in Aizawl, this was a huge breakthrough in Northeast India,” said Asad Rashid, Owner, Cine Tech Engineering Works. “The support from the HARMAN Professional Solutions team was commendable, and enabled us to complete the installation within the designated time frame. For the installation at DM Cinema, we had to create a design with a shallow profile and the ability to produce quality cinema sound in a less-than-perfect acoustical environment. We decided to install JBL Professional C222 cinema loudspeakers along with JBL Professional 4642A cinema subwoofers and 8320 cinema surround speakers, powered by Crown DSi amplifiers and a JBL Professional CPi2000 cinema sound processor.”

Cine Tech installed JBL C222 ScreenArray cinema loudspeakers as the main left, center and right speakers to provide smooth, accurate sound reproduction. C222 speakers combine patent-pending Dual Dissimilar Arraying and Acoustic Aperture Technology to deliver remarkably uniform coverage. With a compact footprint, the C222 is perfect for small and medium multiplexes with space constraints.

To provide even, balanced coverage for every member of the audience, Cine Tech installed JBL 8320 cinema surround speakers. Cine Tech selected JBL 8320 speakers for their high power handling, high sensitivity and extended bass response. For additional low-frequency support, Cine Tech installed JBL 4642A dual-driver subwoofers. JBL



AKG

AMX

ESS



dbx



lexicon

Martin

Soundcraft

STUDER



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Working with the HARMAN Pro team has been nothing short of perfect. The team helped us throughout the entire project, and we'd recommend other theatres to work with them too.”

4642A subs are equipped with two 18-inch drivers for rich, powerful low-end. The system is powered by Crown DSI 4000, DSI 2000 and DSI 1000 amplifiers. To provide staff with an easy-to-use means of controlling the system, Cine Tech equipped the theater with a JBL CPi2000 cinema processor.

“HARMAN Professional Solutions has provided our theatre with high-quality surround sound using JBL Professional products,” said Zodintluanga Hmar, Owner, DM Cinema. “We love the output the system provides, as it makes for an ideal experience for our audiences. Working with the HARMAN Pro team has been nothing short of perfect. The team helped us throughout the entire project, and we'd recommend other theatres to work with them too.”

“It is a matter of pride that HARMAN Professional Solutions has the good fortune to reach out to places as far out as Mizoram,” said Aditya Todi, Senior Director of Sales and Marketing, HARMAN Professional Solutions, India and SAARC. “Delivering quality sound has always been our mission and we're glad that DM Cinema in Mizoram has chosen to go the JBL Professional way. Here's to many more such installations.”

PRODUCTS USED

CROWN DSI 4000 AMPLIFIERS

CROWN DSI 2000 AMPLIFIERS

CROWN DSI 1000 AMPLIFIERS

JBL C222 SCREENARRAY CINEMA LOUDSPEAKERS

JBL 8320 CINEMA SURROUND SPEAKERS

JBL 4642A SUBWOOFER SYSTEMS

JBL CPI2000 CINEMA PROCESSOR





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