

CASE STUDY



SOUND WITH SOUL

Acre Culture Hall



A dream come true!

The Acre Culture Hall, Israel, is a venue designed to host numerous cultural events, such as theater performances, concerts, live classical music, children's shows, and more.

Recently, the facilities have undergone a remarkable renovation to transform the venue in a referent for cultural activities in the northern region of the country. To this end, the sound installation had to be carefully planned and designed to meet all the requirements. For this reason, A.B. Electronics, the company in charge of the project, opted for DAS Audio systems without a second thought. It was clear to them that the best sound quality could only be achieved with the best systems.

The purpose of the renovation was to provide the Acre Culture Hall with all the necessary means to host any type of event. As a result, the facility was



equipped with a wide range of high-end technical sound solutions.

Choosing a system that offered versatility, as well as wide coverage and good intelligibility was an easy task. Eight Event-26A units were placed on each side of the stage, together with two Event-115A and Event-218A subwoofers for bass reinforcement. The Event-26A is an ultra-compact and symmetrical two-way self-powered line array system, designed to deliver superb performance and exceptional ease of use. The elegant polypropylene cabinet design offers great portability and versatility. A wide range of accessories makes the EVENT-26A a great ally in small and medium-sized installations and live events, such as the Acre Culture Hall. This internationally awarded system (Namm and Infocomm) combines two 6.5" transducers and a compression driver in a rugged yet lightweight polymer cabinet. The symmetric "V"-shaped configuration of the cone transducers provides consistent 100° horizontal coverage below 200 Hz.

The M-60 compression driver is coupled to an advanced waveguide design that provides control of the vertical dispersion as well as precise coupling between units when used in vertical arrays. The Event-

26A features a two-channel Class D amplifier delivering 800 W_{peak} power and includes Neutrik® XLR and powerCON quality connectors on the rear panel. The DAScontrol™ interface makes the pre-set selection for the number of units in the array fast and simple, which facilitates the task of the sound engineer. The state-of-the-art 24-bit DSP handles X-over, EQ, delay and limiter functions. In addition, the powerful FIR filtering technology incorporated in the system provides constant phase response which translates into transparent sound and exceptional clarity, improving the listening experience and providing the venue with the best sound quality.

Designed as the perfect companion to the Event-26A, the Event-115A is a compact, powered subwoofer system that utilizes a front-loaded 15" low-frequency transducer. It shares compatible rigging hardware with the Event-26A so it can be flown or stacked on top of the systems.

On this occasion, the Event-115A was flown with the Event-26As, leaving the floor space for the Event-218A subwoofers for additional bass reinforcement.



As front fill, 4 units of Q-23 from the Quantum series were used, in addition to 4 units of Artec-308 used as delay to cover the back rows. Thanks to the careful selection of the systems, the venue is now equipped with a great “plug and play” system, which delivers remarkable lows and pristine intelligibility. The success of the installation is highlighted by the words of Shimon Lankri, Mayor of Acre:

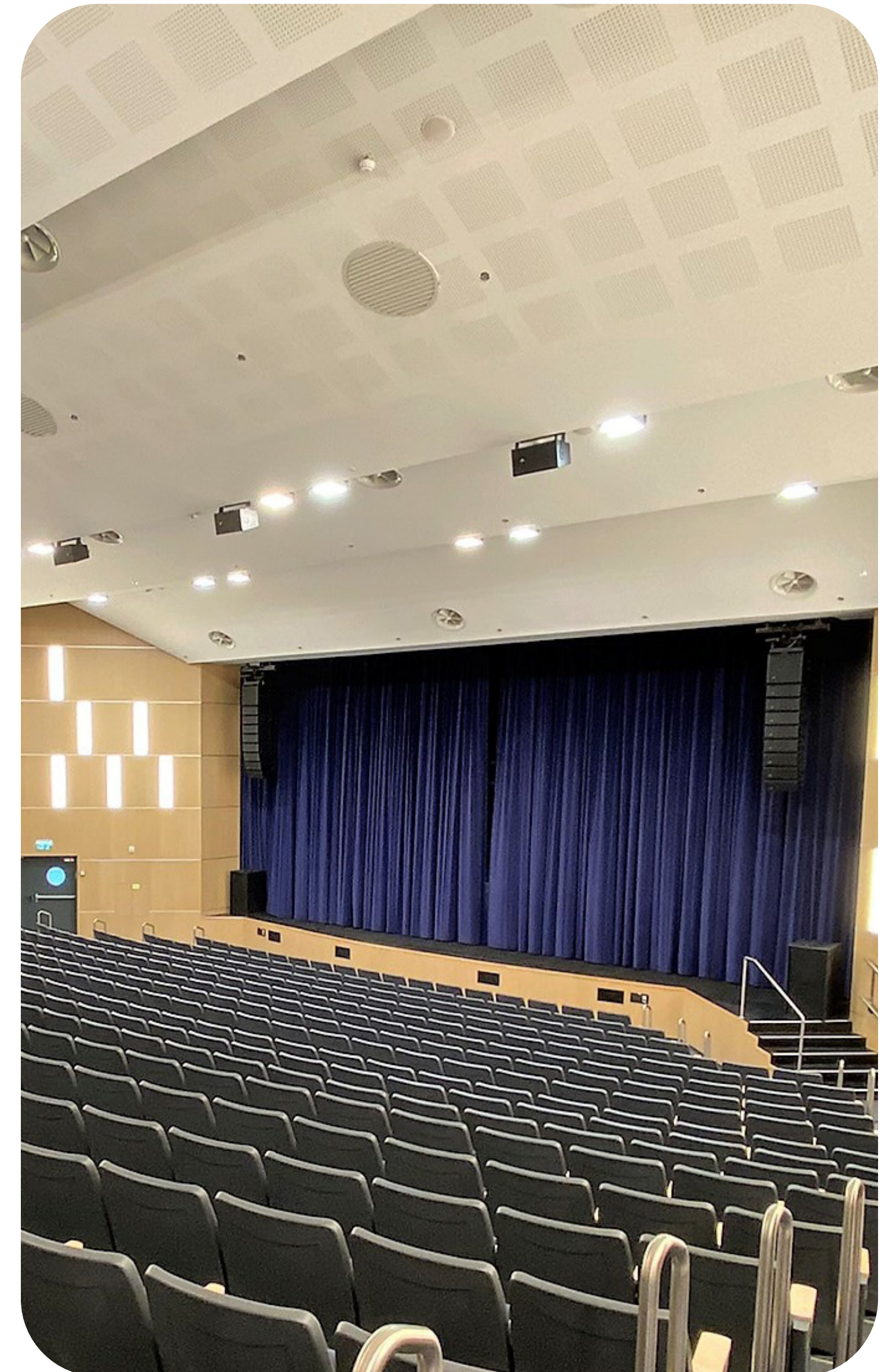
“The Acre Culture Hall is a dream come true. We are truly proud of the new hall, which has been conceived to promote one of the leading arts and culture of Israel and the world. Acre is a vibrant city: innovative and creative, artistic and traditional.

To me, the Culture Center is a beating heart that connects to a greater vision of the city, a city of cul-

tures, a city that is a national and international hotspot for creativity and quality of life.

I am pleased to invite you to discover the venue, to let yourself be impressed by the numerous cultural activities that the Hall offers and be part of the enjoyment of a new cultural experience.”

Maor Benzino, Director of the Department of Culture and the Culture Hall, is also very pleased and stated that “once in a lifetime there is an opportunity to dream of a new place which is able to embrace a wide and diverse world of contents. The story of Acre’s new Culture Hall is legendary, from being an old and complicated venue to becoming a new spectacular hall. A unique culture hall in the country”. The work of DAS Audio and A.B. Electronics has been behind this undeniable success.



More information at
www.dasaudio.com



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