

CASE STUDY



SOUND WITH SOUL

Ice Sports Arena

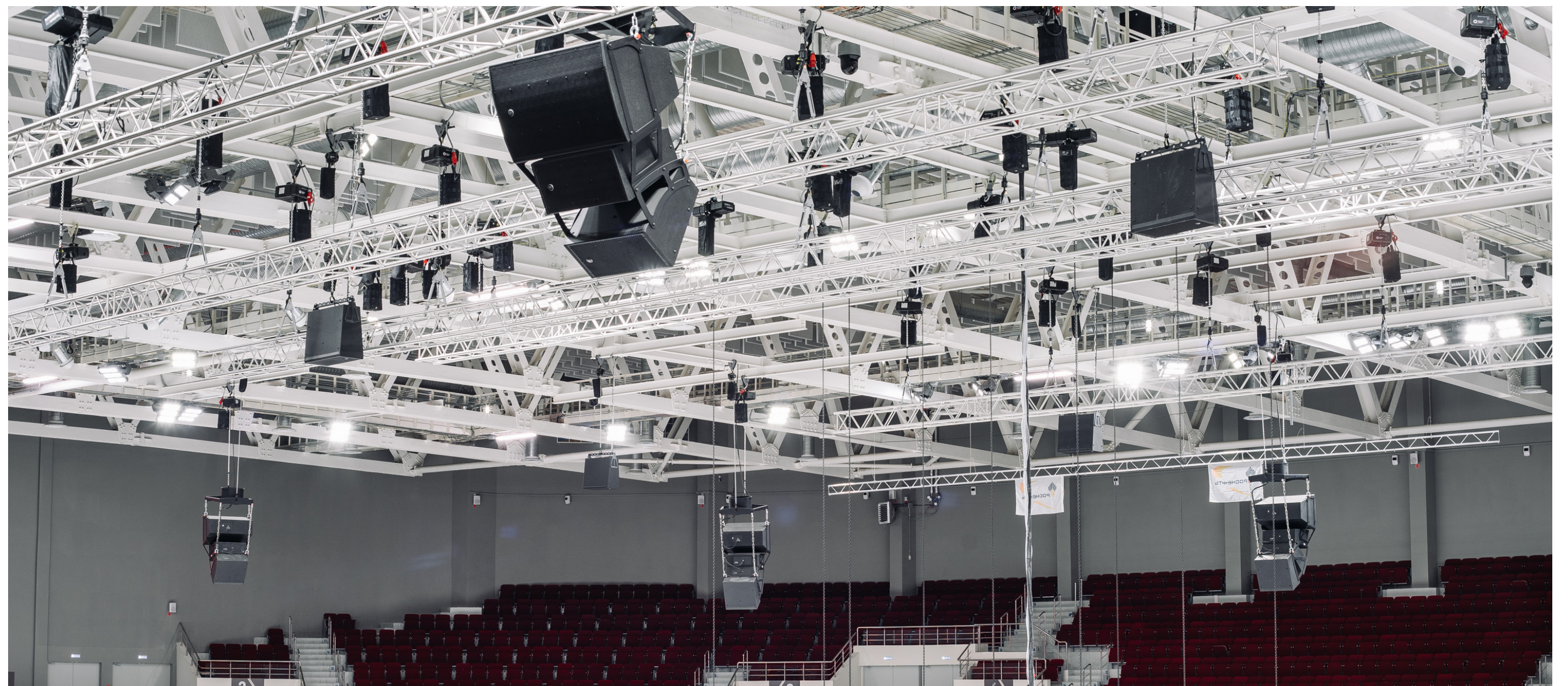


The best professional sound for every occasion

The installation of LTM MUSIC in the Ice Sports Arena in the city of Samara is a great example of the versatility and excellent results of DAS Audio systems.

The city of Samara, in Russia's southwestern Volga Federal District, is the sixth most populated city in the country with 1,164,896 inhabitants. For a population this large, the Ice Sport Arena was originally conceived as an essential sport infrastructure. With 5,500 seats, it is also one of the most modern sports facilities of its kind in Russia, which called for an equally sophisticated sound installation.

Designed to host international sports com-



petitions, conferences, large concerts and other types of cultural and sporting events, the Ice Sport Arena also houses a training hockey rink, a curling hall, a sports hall, a gym plus several multipurpose rooms. This resulted in a wide variety of sound needs and requirements that had to be addressed during the installation of the DAS Audio systems.

The major challenge for LTM MUSIC, the company in charge of carrying out the project,

was to achieve the required sound levels in each zone, particularly in the main arena, where exceptional intelligibility and sound quality play a significant role. Despite the large size of the main arena, the installation has to guarantee that both speech and music are heard without any distortion, while offering all spectators, regardless of where they are seated, a first-class experience.



In the main arena, the distribution of the systems was strategically planned to achieve even SPL and tonal uniformity throughout the audience. LTM MUSIC opted for DAS Audio's HQ Series. Designed for medium and large installations such as halls, stadiums, auditoriums and theaters, the HQ models offer tight coverage control as well as high-performance capabilities, and they can be used individually or, as in the Ice Sport Arena, in array configurations of multiple units, where they provide high pressure levels as well as pristine speech and music playback intelligibility, making the main arena an ideal location for hosting all kind of unique experiences.

The Vantec Series, principally the VANTEC-12 model, was elected for the remaining halls of the Ice Sport Arena. This passive 2-way full-range system with a 12" Fseries bass loudspeaker, 1" FEM-optimized compression driver, and built-in rigging points was the perfect fit for the job. Its suitability for applications smaller than the main

HQ-212.95CX & HQ-218CX



arena offers outstanding sound quality to the secondary halls of the venue, as well as unparalleled ease of installation and setup.

To complete the installation, the Artec Series was deployed in hallways, foyers and other

places where voice announcements and background music had to be delivered with the highest sound quality. The Artec Series offers wide coverage and high SPL in a visually discreet package. Additionally, these models can

be installed on walls, ceilings or pillars thanks to a selection of accessories, fitting perfectly into all types of venues or locations.





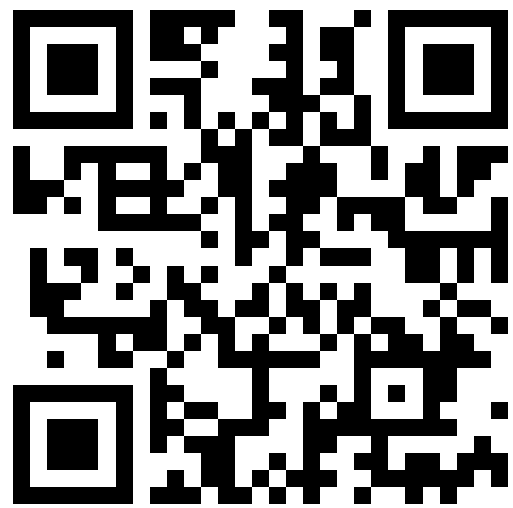
Systems used:

HQ-212-95CX	36
HQ-218CX	12
ARTEC-508	26
VANTEC-12	20
ARTEC-526	6

All our systems at dasaudio.com

The results of the installation are second to none. Exceptional sound throughout all the different zones of the Ice Sport Arena contributes to deliver a unique experience to the 5,500 spectators who attend this facility. The installation of DAS Audio systems throughout the entire venue allows the Ice Sport Arena the versatility to host any event, from international sporting events to the most extraordinary shows. There is little point in reading further about this amazing venue when you can see it for yourself. Click [here](#) or scan the code below to watch the video.

Click [here](#) or scan the following code to watch the video:



More info at
www.dasaudio.com

