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## Community Delivers Great Sound for New Ice Hockey World Championship Arena in Belarus



Chizhovka Ice Hockey Arena in Minsk, Belarus

**Chester, PA** - Art Ramos Studio a.l.c., Community's partner in Belarus, has recently overseen the installation of the audio systems at the Chizhovka-Arena in Minsk, featuring Community loudspeakers. The arena, one of the largest sports facilities in Belarus, is a multipurpose complex for ice hockey, sports, leisure and entertainment and is the home ground of HC Yunost-Minsk.

Chizhovka-Arena was built for the International Ice Hockey Federation (IIHF) Ice Hockey World Championship that took place in Minsk in May 2014. In addition to the tens of thousands of fans that travelled to see the event live, the IIHF's flagship event was televised to 115 countries with television audience around the one billion mark.

Chizhovka-Arena is located in the south-eastern part of Minsk in a picturesque nook of a park named after the 900th anniversary of the city. Designed by Marat Grodnikov, the arena resembles two drops of water flowing into each other. The modern design fits well into the landscape of the Chizhovka Water Reservoir.

The main building, an ice hockey arena with multipurpose use for concerts, basketball and other events, seats 10,000. The second building consists of a small ice hockey training



Scoreboard with Community R.5HP Loudspeakers

arena with 500 seats and a multipurpose sports hall with 740 seats, used for basketball, handball, gymnastics and other sports. This sports hall is also frequently used by television companies for filming TV shows. The two buildings are connected by a junction with conference and press rooms, shops, restaurants and cafés.

An original proposal was modified with a system design by Art Ramos Studio engineers, Alexey Sayganov and Alexandr Malets and the project was awarded by tender, complying with the obligatory procedure for all governmental purchases. Anton Streltsov, Deputy Director of Art Ramos Studio, commented, “Our proposal was chosen as it offered excellent value to the customer and met the requirements of the arena with a very modern approach.” The installation was handled by BelElectroMontazh, with supervision and support from Art Ramos Studio.

Throughout the complex the system uses two hundred and thirty-eight Community Distributed Design Series ceiling loudspeakers and four hundred and thirty-two Distributed Design Series surface-mount loudspeakers, supplied in a combination of black and white finishes to best complement their locations. In addition, eight Community R.5HP three-way coaxial, 12-inch loudspeakers were used to cover the ice hockey pitch in the main arena.

All loudspeakers are part of the EVAC/fire alarm system, for which separate certification was made in Belarus. The loudspeaker lines and loudspeakers are all controlled by QSC Q-SYS which monitors for loudspeaker, cable and short circuit faults.

Five separate Q-SYS systems are used to cover all areas of the complex, including the large arena seating, corridors, foyers, halls, cafés and restaurants, the small arena’s ice hockey area, the small arena’s sports hall, the small arena’s corridors, foyers and halls and the junction between the two arenas. The system includes a DiGiCo SD11 mixer, QSC amplifiers and Beyer Dynamic microphones.

Anton Streltsov concluded, “Our team was extremely satisfied with the system’s results. With Community we know we can always deliver outstanding sound quality and reliability. Our engineers were particularly impressed by the uniformity of the SPL we achieved on the ice hockey pitch using R.5HP loudspeakers, which is really important as players move so fast under adjacent loudspeakers. It was the best result of any similar installation.”

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#### **Links for further information:**

[High-resolution version of the first photo](#)

[High-resolution version of the second photo](#)

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*Community Professional Loudspeakers is a developer and manufacturer of innovative loudspeaker systems for installed sound applications. Based in Chester, Pennsylvania, Community is an American original whose innovative products have shaped the professional sound industry since the company was founded in 1968.*