

Paramount Fine Foods Centre

Designed by Dave Clark, Design Specialist on behalf of Engineering Harmonics
Installed by Solotech



The Paramount Fine Foods Centre is a multi-purpose sports and entertainment complex located in Mississauga, Ontario, Canada. Home to the Ontario Hockey League's Mississauga Steelheads and the NBA Development League's Raptors 905, the facility also hosts a wide variety of events, ranging from live music and internationally-televised figure skating championships to boxing and indoor rodeos. In response to guest feedback on its nearly two decade old distributed sound system and concerns that it might fail during an event, an extensive 2016 upgrade brought "major-league" sound to the Paramount Fine Foods Centre.

Challenges

The arena required an updated sound system with the enhanced output, intelligibility, fidelity and low frequency response professional sports fans have come to expect, along with the ability to customize coverage for a diverse array of events.

Solution

Design specialist Dave Clark crafted a sound system based on Fulcrum Acoustic CX1265 12 inch coaxial speaker clusters. Sixteen double CX1265 clusters hang above the playing surface perimeter to cover the arena's upper and lower bowl, with additional clusters deployed into each of the low-roofed end zones to avoid obstructing scoreboard sightlines.

Two "blue line" clusters of four stacked Fulcrum Sub115 15 inch subwoofers ringed with four CX1265s provide steered low frequency support and playing surface coverage. Four compact GX1226 12 inch coaxial speakers can also be raised into the hollow scoreboard for world-class figure skating competitions in which musical timing and imaging are crucial, as well as for other center stage events such as concerts and boxing.

"Our sound reinforcement needs have evolved over time," explains Paramount Fine Foods Centre manager Greg Socha. "Acquiring the Raptors 905 as our new basketball tenant in 2015 upped the stakes as, unlike hockey games with music only during stoppages in play, professional basketball emphasizes spectator in-game experience with non-stop sound, lighting and video. The new system has exceeded management and guest expectations by providing greater output and clarity, consistent coverage with seamless zone transitions, and the flexibility to tailor and optimize sound for all our events."

Project Details

Location

Mississauga, Ontario, Canada

Category

Sports (arena)

Project Type

5,400-seat multi-purpose indoor arena

Fulcrum Products

(42) CX1265 12 inch Coaxial Loudspeakers, 60° x 45°

(4) GX1226 12 inch Coaxial Loudspeakers, 120° x 60°

(8) Sub115 15 inch Direct-Radiating Subwoofers

Supporting Products

QSC Integrated Core 500i System Platform

