



CREATIVITY
+ TECHNOLOGY

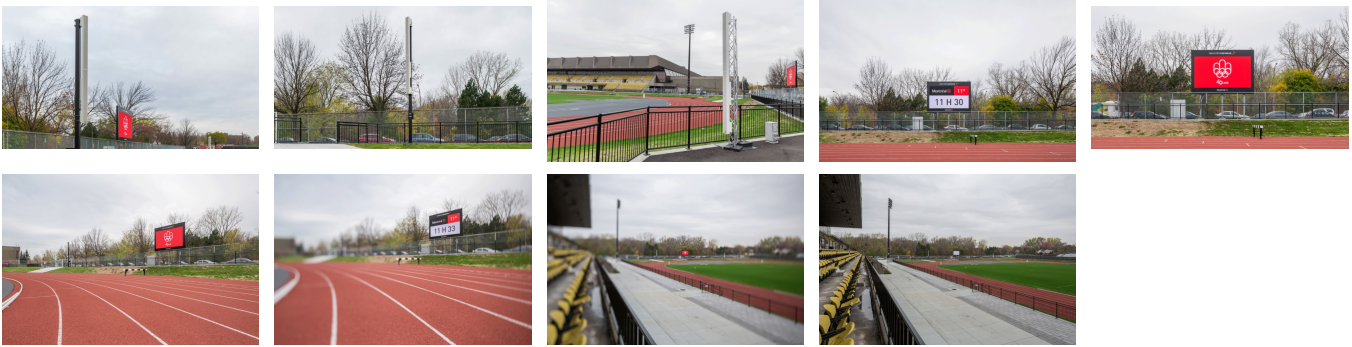
CONNECTED SPORTS CENTRES

OUTDOOR DISPLAY AND SPEAKERS

Claude-Robillard Sports Complex

Montreal, Quebec, Canada, 2016

The Claude-Robillard Sports Complex, located in the Ahuntsic-Cartierville borough in northern Montreal, is a multidisciplinary centre designed for the practice of a variety of indoor and outdoor physical activities, as well as to host sporting events. It was built in 1976 for the Montreal Olympic Games and has undergone major renovations since 2008. The sports centre's management called on XYZ Cultural Technology to upgrade the outdoor stadium's digital display and sound system equipment. This well-attended stadium, with its 400-metre track and natural grass soccer field, sometimes hosts the Impact, Montreal's soccer team.



Description

XYZ Cultural Technology installed a permanent outdoor LED screen measuring 5.12 m by 2.88 m with a 10-mm pitch for maximum definition. The screen is connected to a console that can be used to broadcast information such as the time, the weather forecast, the centre's activities, photo-finishes as well as race results. Display maintenance is simplified by access through the front. The display is weather resistant and stands up to harsh Montreal winters.

XYZ also supplied and installed two portable speaker systems and two permanent speaker systems that broadcast sound to the stadium's main stands. At 3.74 m high by 20 cm wide, the permanent speaker systems are powerful but discreet and blend in seamlessly with the surroundings. The signal's coverage is impressive, creating a homogeneous, clear sound over the stands. The signal can be precisely oriented so as to avoid noise pollution beyond the stadium or on the playing field. The athletes can therefore stay focused while the spectators stay informed up to the minute. The permanent speakers are built for four-season outdoor use.

Expertise

Video
Control systems

Mandate

Contractor
Equipment
Installation
Calibration and programing

Production

Ville de Montréal