

## PROJECT PROFILE

# Polar Park

Designed by WJHW  
Installed by Central Communications



When the Pawtucket Red Sox, the Triple-A affiliate of the Boston Red Sox, relocated from Rhode Island to Massachusetts, the city of Worcester built Polar Park as the home field for the now Worcester Red Sox. The Polar Park design team hired consulting firm WJHW to design the needed sound systems. Central Communications was awarded the installation contract and they selected Fulcrum Acoustic products for the bulk of the project.

### Challenges

- Polar Park requested an efficient system with a full range of sound and strong intelligibility.
- WJHW created a distributed design, requiring high output, high fidelity, and good pattern control from a compact system.

### Solution

Central Communications mounted seventeen of Fulcrum Acoustic's FHI566 Full Range Coaxial Horns along the sunshade, wrapping around the stands from first base to third base. The FHI5s produce extremely high output using a single amplifier channel, creating an efficient method of providing coverage to the lower level of seating within the bowl. Their coaxial design produces broadband pattern control to contain sound within the stadium and focus coverage directly on the fans for superior intelligibility while minimizing size. Three of Fulcrum's FHI565 loudspeakers covered the left field lawn seating from their position above the scoreboard.

"Fulcrum Acoustic's FH is easy to power and offers great low frequency response," says Vin Maiuri from Central Communications. "Polar Park wanted full range sound from their system and the FHs are more than enough to make the stadium come alive."

The compact enclosures of Fulcrum's CX Series delivered coverage for the bar area and seating for fans with disabilities shaded by the overhang of box seats above. Other fill coverage was provided by JBL and Bose products.

### Project Details

#### Location

Worcester, Massachusetts

#### Product Category

Sports Stadiums and Arenas

#### Project Type

9,508-seat capacity stadium

#### Fulcrum Products

- (17) FHI566 Full Range Coaxial Horn 60° x 60°
- (3) FHI565 Full Range Coaxial Horn 60° x 45°
- (55) CX826 8" Compact Coaxial Loudspeaker 120° x 60°
- (2) CX1277 12" Compact Coaxial Loudspeaker 75° x 75°

#### Supporting Products

QSC Q-SYS Amplifiers

