

CASE STUDY | Industry : Stadia

The client: Portsmouth Football Club, Fratton Park



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The project:

TMC's extensive experience of delivering crowd pleasing audio, sound and lighting systems in prestigious sporting grounds that include Derby County's Pride Park, Twickenham and Nottingham's Trent Bridge, led to Bose appointing TMC as their partner for the Fratton Park project.

TMC as a Bose Pro Partner, were commissioned to provide a new audio system delivering high quality music reproduction and highly intelligible speech to every corner of the stadium. It would include loudspeakers, digital signal processing and amplification. Also required were all custom suspension hardware and brackets for the loudspeaker clusters that would be located at high level above the stands.

The challenge was to achieve smooth & even sound coverage for the 25,000 seater stadium ensuring perfect sound quality for every spectator and that each individual experienced the 'best seat in the house'.

This project required particular attention to stringent health & safety procedures whilst the TMC team worked at height. Additionally electrical IP ratings were carefully checked to guarantee they were sufficient for the harsh environments that the equipment would be exposed to.



The specifics:

- At design stage, TMC used Bose Modeller technology to allow the client to experience the virtual sound system in any seat of the stadium prior to any work being undertaken.
- The project encompassed all 4 stands at Fratton Park where TMC installed, tested & commissioned Bose loudspeakers, digital signal processing and amplification.
- TMC's in house design and manufacturing facility provided the perfect bespoke solution for the suspension hardware & brackets for the loudspeaker clusters.
- Further technical support was provided by TMC to the structural engineer to guarantee the existing roof structures were capable of carrying the newly applied weight loadings.
- It was crucial that the project was completed on schedule to allow the ground-staff time to re-seed the playing surface ahead of the new Premiership season.

Conclusion:

Delivering perfect sound quality across the football stadium enables Fratton Park to enhance every feature and event held at the ground and provide the audience with audio entertainment with clarity and an all round improved visitor experience.

With more than 20 years combined in-house technical experience, professionalism and dedication to using the latest technology from partners such as Bose, TMC continue to lead the audio, lighting and video market.

"We continue to thrive on the challenges of today's demanding audience and strive to stay one step ahead when it comes to latest technological advancements. We believe this keeps us at the forefront of the industry and enables us to successfully deliver on projects like Fratton Park".

Mr Dave Turnbull, TMC



TMC has been at the cutting edge of audio and visual technology for more than 20 years. We specialise in creating tailored solutions for our clients in a number of environments including theatres, schools, leisure, retail and places of worship.

Constantly striving to provide a level of service that equals the quality of our installations, we draw on our experience and desire to produce outstanding results for our clients, every time.

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