

29<sup>th</sup> October 2015

Test Park proposed PA

Dear Jayne

Following your request for a technical audibility report for the proposed Test Park PA system I have not been able to find an audio mapping company that will commit to audibility levels at the boundary for a system installed on the football pitch. The system audibility will vary due to environmental factors and therefore it is impossible to give an exact level, however following our recent meeting I would like to propose that the system could be installed with rigid parameters of how it is used with no facility for change by the system users, the following may be considerations that could be enforced

- The system is set up with a maximum volume of 60db at the site boundary, this would be less audibility than that of a football game in progress with players shouting etc.
- The system is designed to have no volume controls for the user.
- The system is never used for music playback and does not have any facility to do so.
- The system is only used for essential announcements relating to the game in progress.
- The system has a locked isolator and cannot be used by unauthorised personnel.
- The system is installed on the opposite side of the pitch to the boundary and has only two speakers.

Typical the sound level would drop approximately 40dB off axis at 50 meters, therefore audio mapping would suggest that the maximum audible volume would be 50db at the boundary, however atmospheric conditions will play a factor such as wind direction etc.

I hope this helps however if I can be of any further assistance please do not hesitate to contact me

Kind regards



Andrew Meredith