



**2022 Portable Loudspeaker System Project  
REQUEST FOR PROPOSALS (RFP)  
ADDENDUM NO. ONE  
November 17, 2022**

This Addendum forms a part of the documents and modifies the Request for Proposal dated November 3, 2022. The Proposer is responsible for determination of proposal requirements affected by Addendum items.

**A. Following are questions that have been submitted with respect to the Request for Proposals for the 2022 Portable Loudspeaker System Project.**

**Questions and Answers:**

1. Are the Wireless microphone receivers to be the Quad versions, resulting in a total of (16) wireless channels? Or is the goal to have a total of (4) wireless channels?

**MSFA Response: 4 total wireless channels.**

2. What length of 200 Amp/5 wire CAM feeder is needed to get from the power distro to the main service connection? Is this 100', 200'?

**MSFA Response: 200 ft if one distro , 100 ft if two are provided.**

3. Is it acceptable to have one power distro for the entire system, or is there a need to have two?

**MSFA Response: 2 if that is needed for configuration flexibility.**

4. With the L Acoustics and JBL amplifier rack solutions. Is there a desired quantity of amplifier racks needed to support the various speaker configurations? The factory racks (L Acoustics LA-RACK, JBL V-Rack) each include (3) 4 channel amplifiers. Although three racks could run this system, four racks could allow better flexibility for system arrangement.

**MSFA Response: Racks to support various speaker configurations**

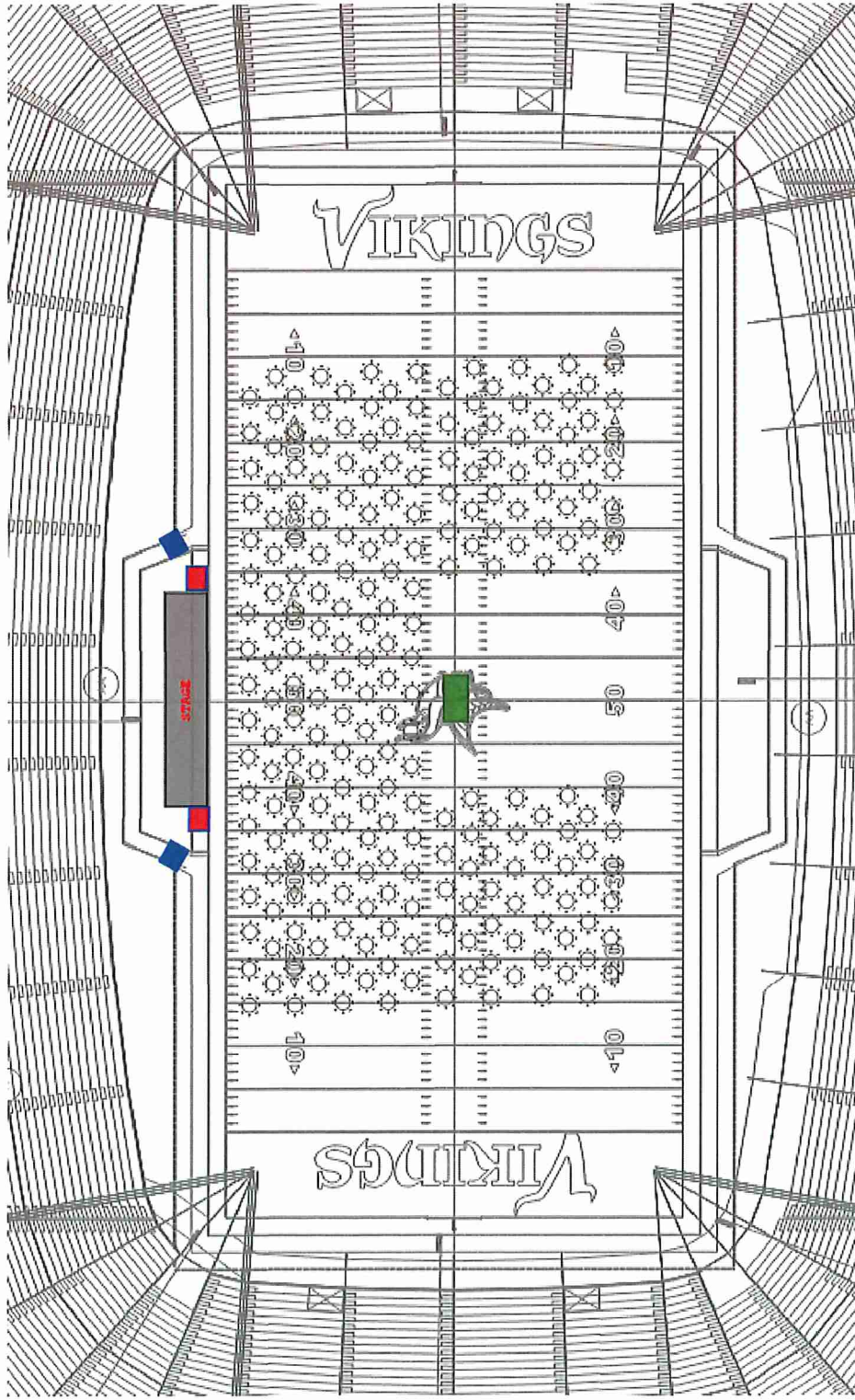
5. How long of an audio/Data cable is desired to run from stage to an FOH position?

**MSFA Response: 300ft is the max distance on a single cable.**

**6. Project Diagrams may be found on the following pages.**



- **12pc Speaker Array on 20ft lift**  
locate cardioid subwoofer stacks at stage right and stage left
- **6pc Speaker Array on 20ft lift**
- **FOH**  
locate digital mixer, wx mics, and playback equipment at front of house
- **STAGE**  
locate 4 monitors and 4 fill speakers across stage front



# USBS Field Event Side Stage Diagram

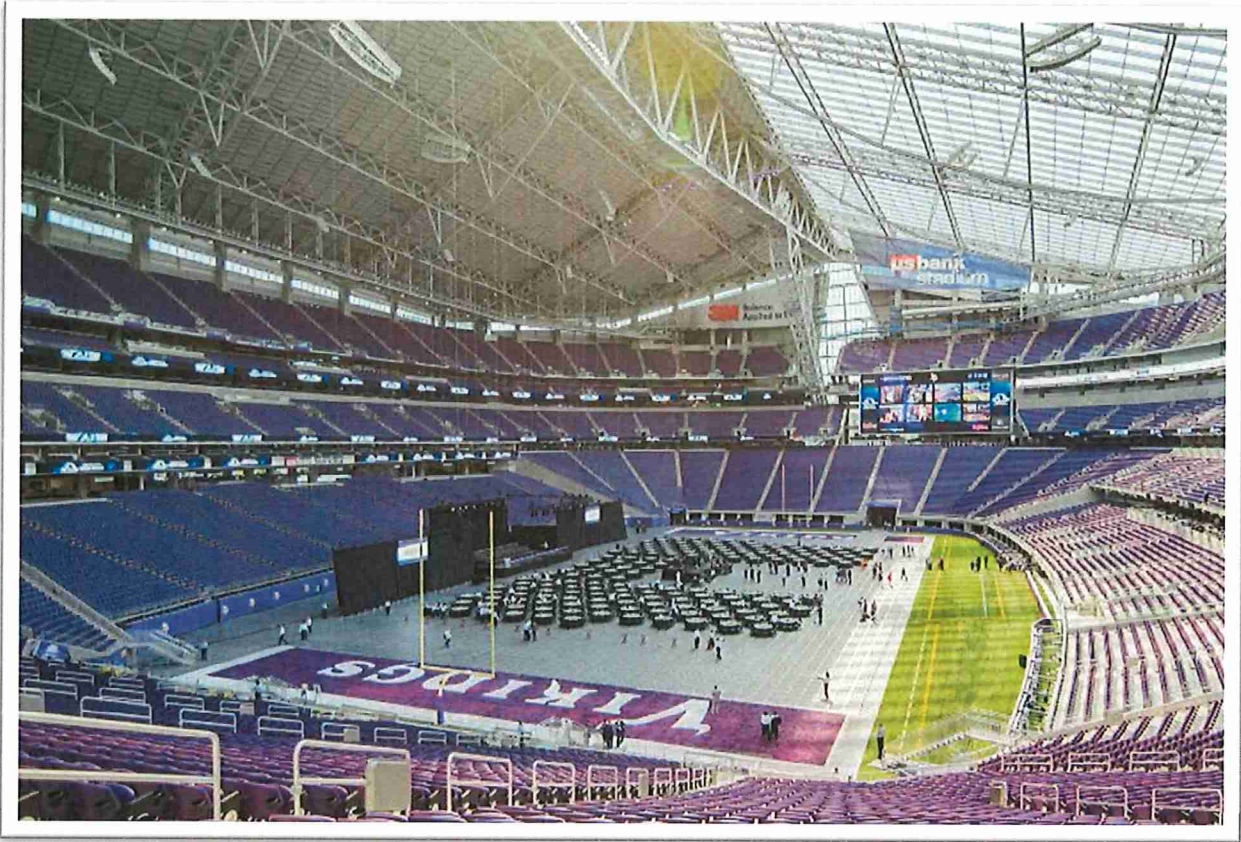


Oct 12, 2022

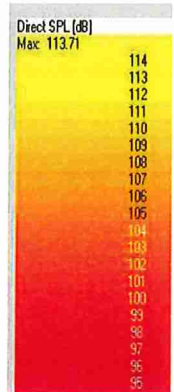
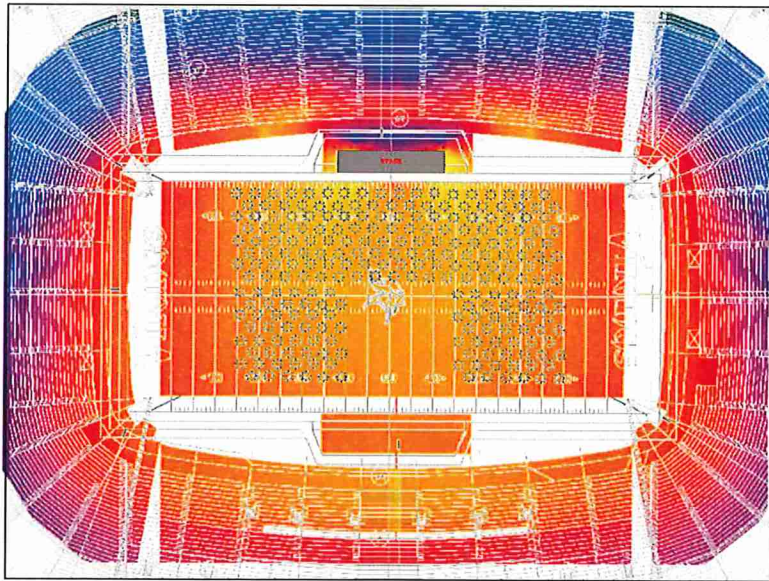


# US Bank Stadium - Portable PA System for Field Level Events

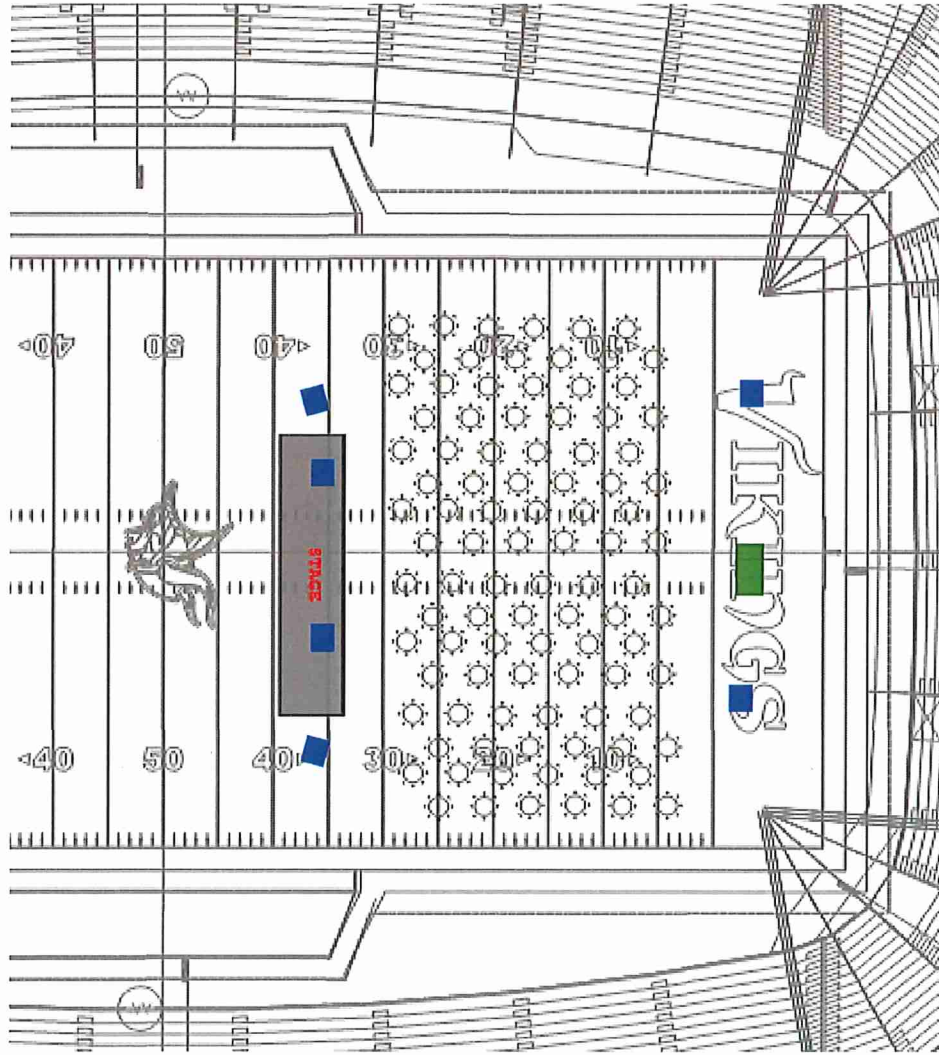
Event Setup Example Scenarios, 1-side stage and 2-graduation stage



Side Stage Configuration with 8pc (x2) Mains and 6pc (x2) Side Fill on 20' lifts



L'Acoustics KARA-II - Predicted loudness dB SPL-A - Three octaves at 2kHz



**9pc Speaker Array on 20ft lift**  
 locate 2 subs at each of 4 arrays at stage

**FOH**  
 locate digital mixer, wx mics, and playback equipment at front of house

**STAGE**  
 locate 4 monitors and 4 fill speakers across stage front

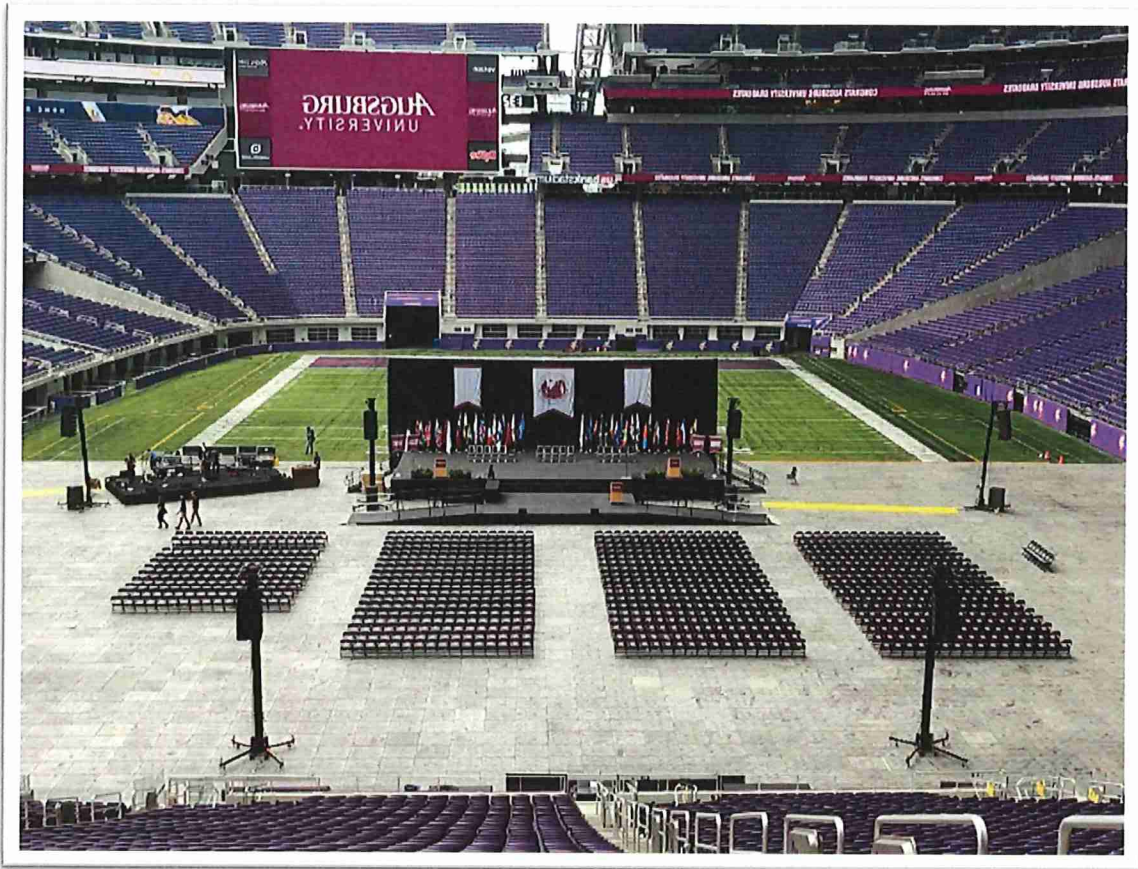
# USBS Field Event Grad Stage Diagram

Oct 12, 2022

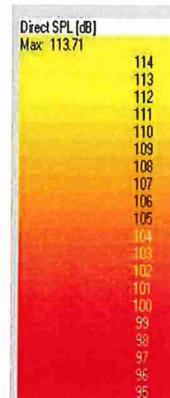
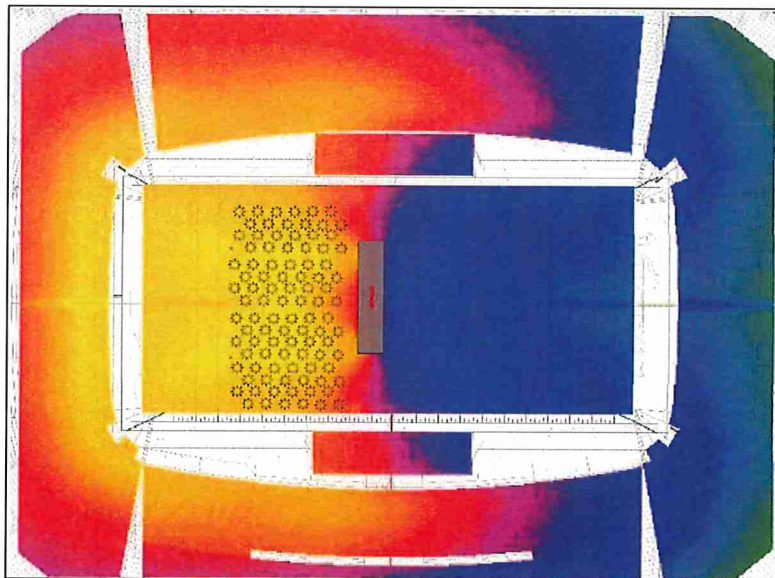




US Bank Stadium - Portable PA System for Field Level Events



Graduation Stage Event with L'Acoustics KARA-II 6pc arrays (x6) on 20' lifts



Predicted loudness dB SPL-A - Three octaves centered at 2KHz