



SYNERGISTIC DESIGN ASSOCIATES

Consultants in Audio, Video and Room Acoustics

AUDIO VIDEO CAPABILITIES

SAMI BEDELL CENTER FOR THE PERFORMING ARTS

AUDIO FEATURES

1. Full range house coverage utilizing Subwoofers and JBL Precision Directivity series loudspeakers.
 - a. Design Frequency Response: 20Hz to 14K Hz.
 - b. Uniformity: ± 3 dB across the seating.
 - c. Level: 98 dB SPL with 6dB headroom.
2. Connectivity from the stage house to control room include:
 - a. 52 audio tie lines from various stage locations to stage left equipment rack
 - b. 48 channels of mic splits with:
 - i. 48 channels to control room.
 - ii. 48 channels to stage left monitor mix panel.
 - iii. 48 channels to video/recording room.
 - c. Data tie lines (Cat 5e) from various stage locations to stage left equipment rack, control room and video/recording room.
 - d. Video tie lines (RG59 Terminated BNC) from various stage locations to stage left equipment rack, control room and video/recording room.
3. Microphones:
 - a. (8) AKG D880 dynamic cardioid.
 - b. (4) AKG C900M condenser cardioid
 - c. (2) EV RE200 condenser cardioid
 - d. (3) AKG CK31/GN155 choir gooseneck and base
 - e. (2) AKG CK31/HM1000 hanging microphones
 - f. (2) AKG CK31/GN30ES desk microphones
4. Wireless microphones:
 - a. (12) Audio Technica 3000 series with:
 - i. (4) handheld microphone transmitters
 - ii. (12) body pack transmitters
 - iii. (5) lavalier microphones
 - iv. (12) Countrymen ISOMAX 6 headset microphones
5. Mixing Console:
 - a. Allen and Heath GL2800-48
 - i. 46 microphone channel
 - ii. 2 stereo channels
 - iii. 8 sub groups
 - iv. 10 aux bus
 - v. 12x8 matrix
6. Monitors:
 - a. (6) EAW SM129Z 2-way passive stage monitor
7. Miscellaneous
 - a. (6) Proco CB-1 Direct Boxes
 - b. (4) Whirlwind MS-8-4-XL-050 Snake / Stage boxes

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ADVANCING THE ART AND SCIENCE OF HUMAN COMMUNICATION

VIDEO FEATURES

1. The system utilizes a portable multimedia cart with capability of accepting VHS, DVD, document camera and PC inputs.
2. A touch panel provides the graphical user interface.
3. Seven technical panels in the auditorium will provide a input connectivity for the portable cart. Stage left, stage right, center orchestra pit, front of house and control room.
4. The system will utilize Crestron's Quick Media system for distribution of audio and video content.
5. Content is displayed on a 10,000 ANSI lumen LCD Projector located in the control room.
6. A 16 x 9 format screen is flown on theatrical rigging line set at stage house.
7. Lighting presets to be controlled by system.