

## **SOUND INFORMATION**

For more information please contact Bob Luffman at 519 578 5660  
Ext. 210 or by email at [bluffman@centre-square.com](mailto:bluffman@centre-square.com)

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## **MAIN SOUND SYSTEM**

### **CENTER CLUSTER**

2 Meyer MSL-4 Powered Speakers service the Balcony, Upper Loges and Rear Mezzanine. 4 Meyer UPA- 1C's hung below the MSL-4's serve as down fill for the front orchestra section and upper side box seats. Processing is by Meyer Galileo.

### **ON-STAGE SOUND SYSTEM**

There are per side, 10 Meyer Mica Line Array speakers flown with 2 x 1 Ton motors in an up stage / down stage configuration. These motors are also available should you wish to fly your own system.

On the stage per side there are 2 x Meyer 700-HP Subwoofer's with 2 x Meyer CQ-2's for corner fill. There are 6 x Meyer M1D's used as front fill and 1 Meyer M1D on each side servicing the lower box seats. All these speakers are self powered with processing by Meyer Galileo. The entire system has been Sim'd By Andrew Hope.

### **BOX SEATS**

A co-axial speaker in the ceiling of each of twenty-four (24) box seats in the auditorium. It is a 70 volt system powered by QSC and time correction by a BSS TCS-804.

### **MIXING CONSOLES**

InnovaSON SY80 Digital, Midas Venice 3204

### **PROCESSING ACCESSORIES**

Lexicon PCM91, Lexicon PCM90, Lexicon PCM81, T.C. Electronics M-3000, T.C. Electronics M-2000, Yamaha SPX2000, 2 X BSS DPR 504, 2 X BSS DPR 402, 2 X BSS DPR 404.

### **RECORDING/PLAYBACK BOOTH**

1 x Tascam 122 MKIII cassette machine, 1 x Denon DN-D4000 Compact Disc Player, 1 x Denon M-2300R Mini Disc Recorder/Player, Sound Ideas Series 1000 and 2000 sound effects disc library.

### **MICROPHONE SPLITTER**

BSS MSR 600 I I - 40 Channel Active Splitter. Each channel has a transformer balanced Input with 4 transformer balanced outputs.

## **MONITOR SYSTEM**

### **ON-STAGE MONITOR SYSTEM**

Four (4) bi-amped EAW SM 200 iV wedges and four (4) bi-amped EAW SM 200 iH wedges c/w four (4) EAW MX250 Dual Processors powered by eight (8) QSC PL224 Amplifiers, using four (4) Klark Teknik DN 360 Dual 1/3 octave Equalizers. Four (4) full range EAW LA 212 PA/Monitor Speakers powered by two (2) QSC PL224 Amplifiers. Two (2) Toa SM-25M near field self powered stand monitors, and four (4) EAW JF-80 stand monitors.

### **CLOSED CIRCUIT VIDEO SYSTEM**

2 x Panasonic WW-CL924A Security cameras, 1 x Canon XL1 camera, 1x SANYO Infra-Red Camera, 1 x 22" monitor in loading dock, 2 x 14" monitor on stage manager's console. All major backstage tech areas are pre-wired for CCTV.

### **PROGRAM SOUND/PAGING**

All technical areas including dressing rooms have PS/PAG systems. All pages made from stage manager's console on stage right over-ride all signal in program sound speakers. Program sound can either be microphone pickup or line level feed from mixing system.

## MICROPHONES

5	AKG	414
1	AKG	D112
1	Beyer	M-260
2	Bruel & Kjaer	4011
8	BSS	AR 133 Direct Boxes
6	BSS	AR 116 Direct Boxes
3	Countryman	Type 85 Direct Boxes
4	Countryman	Isomax 4 Podium Microphones (12")
2	Countryman	Isomax 4 Podium Microphones (18")
2	Crown	PZM 30 RB
6	Crown	PCC 160
1	E.V.	RE-20
2	Neumann	KMR-82
11	Neumann	KM-84
10	Neumann	KM-140
4	Schoeps	MK-2
4	Sennheiser	MD-421U
2	Sennheiser	E604
1	Shure	Beta 52A
2	Shure	Beta 57
4	Shure	Beta 98
6	Shure	SM-58
3	Shure	SM-57
4	Shure	SM-81
6	Shure	SM-87
6	Shure	UHF-R Wireless Systems c/w 6 x Beta 87 Hand Helds and 6 x Belt Packs with Sennheiser MKE-2-Gold Lavaliers and 6 x Countryman E6i

## **COMMUNICATION**

An 8 channel Clear-Com matrix system with 31 pre-wired patch points covering all technical areas.

### **HME 850 PRO wireless system using the following frequencies:**

RX		544.250 MHZ
TX	1	687.375 MHZ
	2	688.000
	3	689.125
	4	691.000

### **HME DX 200 wireless intercom using the following frequencies:**

The HME 200 transmits and receives in the range 2.4 Ghz range.

There are 2 bass stations and PACs.

Headsets used are Beyer DT-108, Beyer DT-109, HME-HS5 and Technical Projects SMH 210, HME-215.

## **SOUND SEATS**

Up to 3 pairs of seats (6 seats) in each of the two rows adjacent to and stage right of the sound cockpit can be removed to make room for sound and/or lighting consoles. This opens a space 8' x 14' maximum.

Up to 6 pairs of seats (12 seats) in the centre of each of the three rear rows of the orchestra seating (Rows V, W & X) can be removed. This opens up a space approximately 10' x 20' maximum.

### **NOTE:**

Stepped (tiered) seating creates a 4" (approx.) step through each of these areas. Risers are available to level this if necessary.