

**Midwest Theater**  
**Scottsbluff Ne 69361**  
**Technical Specs 12/7/2006**

The house sound system utilizes self-powered loudspeakers manufactured by Meyer Sound. Recognized as a pioneer in the field, Meyer products are frequently specified for Broadway, Concert Touring, and other sound reinforcement applications where sonic accuracy, fidelity, and reliability are required. The self-powered products offer numerous advantages over conventional loudspeakers, as the built-in signal processing and amplification is specifically tailored to a particular enclosure / transducer combination. In addition, the speaker components are protected from abuse by internal limiters that unlike external signal processing, cannot be tampered with. The result is an extremely reliable, high quality system that will meet the needs of the facility for years to come. The sound system has been configured as a with house front fills, balcony, under balcony fills, and subwoofers.

**Live Shows**

2 self-powered loudspeakers (Meyer CQ Series) are placed next to the proscenium opening in a left / right configuration, along with 2 Meyer Subs (USW-1P) These speakers provide coverage for the main house seating areas, including the balcony and main floor, 2 additional fills are placed under balcony, along with 4 more in balcony (Meyer MM-4).

**Cinema**

3 self-powered loudspeakers (Meyer CQ Series) are placed behind the screen in a left / center / right configuration, along with 2 Meyer Subs (USW-1P) These speakers provide coverage for the main house seating areas, including the balcony and main floor, 2 additional fills are placed under balcony, along with 4 more in balcony (Meyer MM-4).

**House Mix / Processing**

A 32 Channel mixing console (Yamaha 01V96V2) mounted in FOH has been provided for the house mix. A Soundweb DSP (Model #9088) system is configured to provide equalization, limiting, summing, and delay functions. All of the system signal processors, distribution, tie lines, and line level audio cables terminate in a set of patchbays, allowing the system to be re-configured as needed. The system also includes professional quality playback components including DVD and CD player.

**Meeting/Assembly**

A mic/ line mixer with remote control input serves as an "assembly" mixer. This allows the system to be operated from the stage without using the main mixing console. This configuration will support two microphones.

**Lobby**

All sound in theater is sent to a Lobby System Located in the Concession Supply Room. Also Located There is Volume control, 5 disk CD Player. Local & Global Page Mics are also located there.

**Hearing Assistance System**

In order to comply with ADA requirements, a two-channel hearing assistance system has been installed Telex Unit, It includes the FM transmission components as well as 4 headset receivers, a battery charger, along with spare batteries. The assisted listening system allows 1 channel of audio to be broadcast throughout the facility.

## **Clear-Com System**

- 1-Clearcom (MS-232) Two-Channel Main Station (located backstage at stage manager's panel)
- 1-Clearcom (KB-211) A Speaker Station (in green room)
- 3-Clearcom (RS-601) single channel belt packs
- 3-Clearcom (CC-95) single muff headsets

There are belt pack stations at the following locations:

- |                            |                     |                   |
|----------------------------|---------------------|-------------------|
| 1- Stage Manager's Station | 1- Stage Left       | 1- Front of Stage |
| 1- FOH Position            | 1- Projection Booth | 1- Tech Booth     |
- All Stations that Use Belt packs can be Daisy chained

## **HOUSE SOUND REINFORCEMENT SYSTEM**

QTY Manufacturer Model Description

- 3- Meyer CQ Series Self Powered Loudspeaker
- 2- Meyer (USW-1P) Subwoofers
- 6- Meyer MM-4 Downfill
- 2- EV Monitors (SxA100+)
- 2- JBL Monitors (EON10 G2)

## **HOUSE MIX / PROCESSING**

QTY Manufacturer Model Description

- 1-Yamaha 01V96V2 Digital Mix Console – 32 X 8 channels
- 1 BSS Soundweb DSP (Model #9088)
- 1 LiteViper (Model VIS-4832)
- 1 CD player & writer - Sony 500 CDW
- 1 DVD Player

## **Microphone Inventory & other Audio equipment**

- 2- AKG Mic's Beta 58 type
- 1- Sure Beta 58
- 2- Sure Handheld wireless
- 2- Snakes Whirlwind 6 Channel
- 3- AKG (CK 31) Choral Mics
- 4- AKG WMS-40 PRO CK 55

## **ELECTRIC & LIGHTING**

Lighting Controls:

- EDI LITE control – with soft patch
- EDI CopyCat Panel

## **Hang Positions**

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| House left front rail: 8 circuits  | House left back rail: 8 circuits  |
| House right front rail: 8 circuits | House right back rail: 8 circuits |
| Upstage Ceiling: 12 circuits       | Upstage right: 2 circuits         |
| Upstage left: 2 circuits           |                                   |

## **Lighting Instrument Inventory**

- |  |  |
|--|--|
| 12 -20°□ Altman Shakespeare instrument | 20 - 30°□ Altman Shakespeare instrument    |
| 16 - Altman 64 PARs                    | 4 - Altman single cell sky cyc instruments |

### **CopyCat Panels – Positions**

- 1- Stagemangers panel - 12 Channel Pre-set
- 1- BOH 4-Channel Pre-set
- 1- Projector Booth 4-Channel Pre-set

### **STAGE SPECIFICATIONS**

Painted Tongue and groove floor  
Proscenium opening: 34'10"  
Stage depth: 22'6"  
Stage width: 37'

### **Permanent installations:**

- Audio Rack & Stage Mangers Panel
- Loading door: 60" X 89"
- Loading door located at (46") above street level, Access is from alley. Permit to Block Alley Required from the City of Scottsbluff to be taken out @ least 24 hours before use
- Front-Stage, No Curtain
- Mid-Stage curtain sewn with fullness, operates stage-right
- Black scrim - operates stage-left
- White scrim - operates stage-left
- Retraceable Movie screen

### **Dressing Rooms**

- 1 - Star/Handicap Dressing room  
12'4" X 13 + restroom & full shower  
Stage level – stage left
- 2 – Choral Style Dressing rooms  
17'5" X 18 (8 Mirrored & Lighted Stations)  
+ Restroom & full shower  
Behind green room – 2<sup>nd</sup> floor – stage left

### **Telephone & Internet Services**

Analog lines available, with direct dial to all Dressing rooms, plus FOH mix positions, by request. Wireless internet available, by request.

### **CAPACITIES**

740 + 3 Handicap Seating

Any questions about Technical Specs  
Please contact  
Billy Estes  
Theater Manager  
308.632.4311 Office 308.641.5336 Cell  
[billy@nebraskarts.com](mailto:billy@nebraskarts.com)