

Midwest Theater
Scottsbluff Ne 69361
Technical Specs Updated 9-1-2009

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 place 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 send to a Lobby System Located in the Concession Supply Room. Also Located There is Volume control, 5 disks 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 – Fixed Lighting Plot, inquire with theater manager about changing

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

Lighting Plot is Dead Hung, with 4 basic color washes.

R02 Bastard Amber
R26 Light Red
R60 No Color Blue
R80 Primary Blue

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 (black) ply wood floor.
Proscenium opening: 34'10"
Stage depth: 23'9"
Stage width: 35'

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 – 2nd floor – stage left

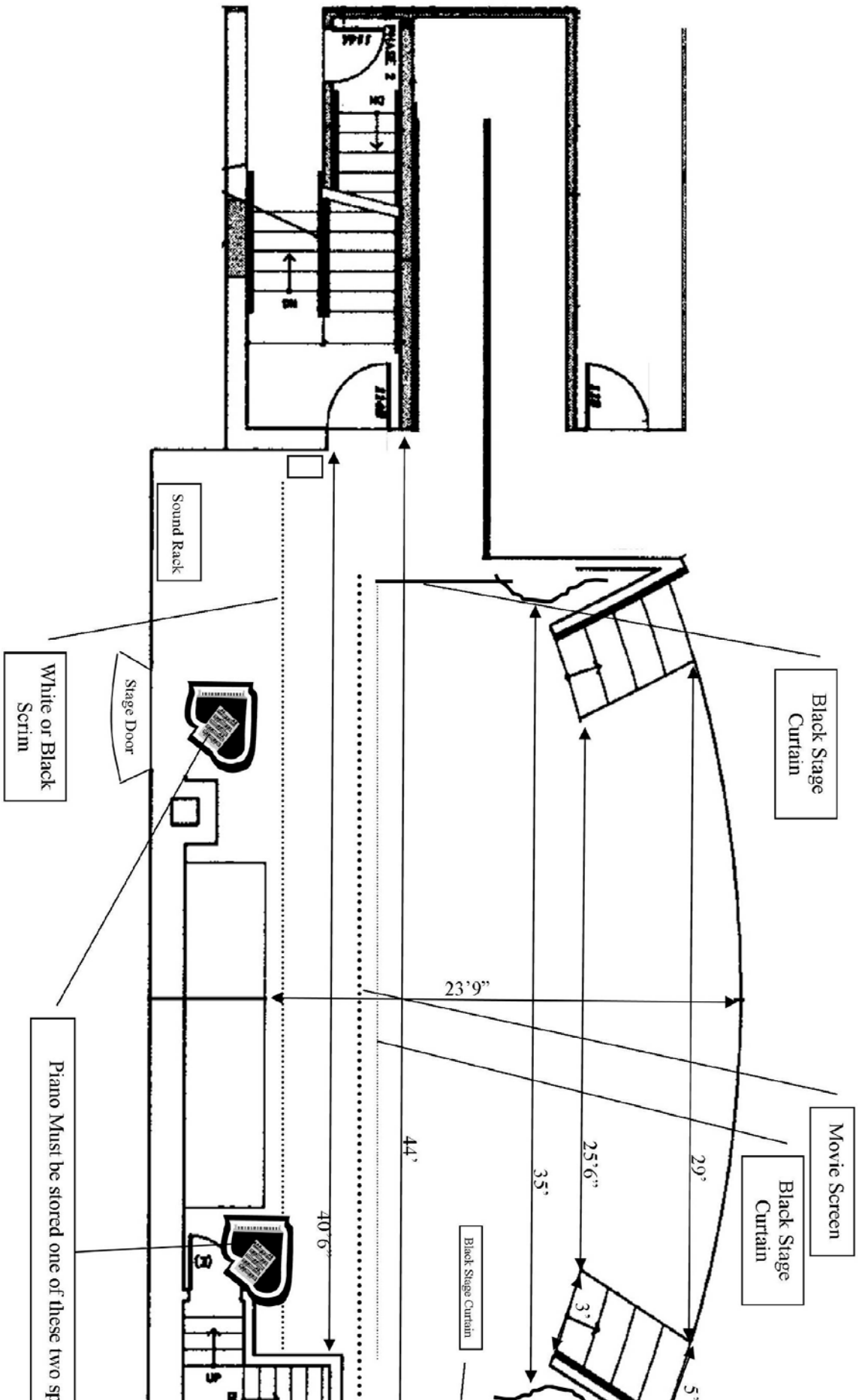
Telephone & Internet Services

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



Black Stage Curtain

Movie Screen

Black Stage Curtain

Black Stage Curtain

Sound Rack

White or Black Scrim

Stage Door

Piano Must be stored one of these two spots

23'9"

44'

40'6"

29'

25'6"

35'

3'

5'

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Midwest Theater - Scottsbluff Nebraska - Seating Chart

Balcony

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TECH Booth

Handicap Seating

Main Floor

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