

EL PORTAL THEATRE

MAINSTAGE TECHNICAL SPECIFICATIONS

STAGE DIMENSIONS

- Proscenium Width: 39' 10"
- Proscenium Height: 21' 2" (at side), 24' 2" (at center)
- Stage Depth: 19' 8" (from arch u.s.)
- Apron Depth: 5' 1" (from arch u.s.)
- Extension Depth: 9' 0" (at cs), 5' 6" (at arch)
- Center Line to SR: 32' 0" (at lock rail clear line)
- Center Line to SL: 43' 0"
- Floor: Untempered Hardboard (painted black)

FLY SYSTEM

- House Curtain: Drop curtain with center opening 1' 6" u.s. arch
 - Operates as guillotine or as split traveler from SR
- Fire Curtain: Original 1926 Seascope – u.s. arch
- Line Sets: 17 sets at 12" o.c. with 5 lift lines per set
 - All lines are single purchase counter weight
- Arbors: 1,000 pound capacity
- Stage Pipes: 52' long – 5' low trim/49' out trim
- Operation: All from Lockrail SR. Loading is at pin rail (30'). There is no grid rail.
- Grid Height: 54'

SOFT GOODS

- 1 black velour teasers (7'h x 48'w)
- 4 black velour legs (26'h x 16'w)
- 1 light grey cyclorama (30'h x 48'w)
- 1 full stage black velour (26'h x 48'w)

ORCHESTRA PIT

Capacity: 18 musicians (at 15 sq ft / musician)

- 280-sq ft DS of apron 2' below auditorium floor and 5' 6" below stage floor. Apron overhangs pit by 3' (provides additional 120 sq ft of space 4' 3" below apron)
- Entry is from dressing rooms under stage

Cover : Removable, conforming to pit arc and adjustable from stage height to auditorium floor.

BACKSTAGE

Loading area: SL at street level (Weddington St.) Only 1 truck at a time, not to exceed 26' long and 9' wide. Otherwise 20' long.

Loading door: 13' 6"h x 5' 10"w; Sill is 5' 9" above stage floor with no ramp but portable stair available.

Dressing rooms:

- Located under the stage with access SR and SL.
- There are 2 private dressing rooms, with sinks. Capacity: Approximately 5 per private room
- One chorus/green room area: 240 sq. ft., includes small reffridgerator, local phone
- Men's and Women's restrooms

LIGHTING PACKAGE

FIXTURES

- 32 – Altman PAR 64 fixture
- 4 – 2k 12” Fresnels, with 4-way barndoor
- 1 – Follow spot 1000W Incandescent – Altman, Inc.
- 55 – Strand “SL” Ellipsoidal, 19 degree, 575 watt (GLA/LL) with pattern holder
- 5 – Strand “SL” Ellipsoidal, 26 degree, 575 watt (GLA/LL) with pattern holder
- 6 – Strand “SL” Ellipsoidal, 36 degree, 575 watt (GLA/LL) with pattern holder
- 10 – Strand “SL” Ellipsoidal, 50 degree, 575 watt (GLA/LL) with pattern holder
- 2 – Source Four 50 Degree 575 watt (HPL) Ellipsoidal
- 7 – Three Cell Colortran Berkley Cyc Units w/ hangers
- 5 – Single Cell Cyc lights Colortran Berkley

ACCESSORIES

- 6 – Leko Irises

CABLE

Note: All cables have 20 amp SPG Connectors

- 27 – 5 feet
- 32 – 10 feet
- 24 – 25 feet
- 17 – 50 feet
- 6 – 100 feet
- 23 – Y-splice stage pin 20 amp

DIMMING SYSTEM

- 2 – 96/2.4-k W Strand CD-80 racks

CONSOLE

ETC Express 250 with one monitor, 24 submasters

DISTRIBUTION

Dimmer per Circuit Design, 192 – 2.4K W dimmers directly configures to 196-20 am SPG Female 18" pigtail. No duplicated circuits.

“Switchable” Edison Grounded Duplet Receptacles “Grey” Paired in Box A (Catwalk C) and B (Catwalk B) is an “Orange” “Hot” Edison Grounded Receptacle. Onstage, two left and two right, 4 “Hot” Edison Grounded Singles Receptacles and 2 “Switchable” Edison Grounded Female

MAINSTAGE SOUND AND AUDIO SPECIFICATIONS

MAIN THEATRE SYSTEM

Our new mixing console is the incredibly flexible, yet ultra-compact **Yamaha O1V96**. One-third the size of our previous board, but with twice the buss and output possibilities, this DIGITAL board features truly transparent, incredibly dynamic 24-bit/96-kHz sound, developed by the top name in mixing consoles, Yamaha. This state-of-the-art board also has built-in effects including delay and compression. For huge productions, the board can be cascaded with a wide range of Yamaha products.

Features include:

- 24 total analog inputs, each with independent compression and gating/ducking processors
 - 20 total mic inputs (XLR or quarter-inch)
 - 12 quarter-inch balanced/unbalanced line-level signals
 - 4 additional quarter-inch only inputs
 - 8 digital channel inputs via built-in ADAT optical interface
- **20-buss configuration** – 18 of which have individual compression and EQ
- **16 analog outputs** (stereo, center, 2 subwoofers, and 4 monitors permanent set-up, leaving 7 output options)
- 5.1 and 3-1 surround sound capabilities
- Fast, flexible patching, with 99-scene memory for instant recall of house audio setups unique to the MainStage Theatre

Audio Components

2 Sony mini disc players

One professional adjustable dual CD deck

House Amp and Speaker Components

Ashley Protea 4 channel digital equalizers. 2 channels to the 2 Center cluster cells, 2 to the Stereo Image Speakers for front of house Left and Right.

8 amplifiers

- 1 Mackie 1400 amp for Center cluster pair (lows and highs)
- 1 QSC 1550 amp for each Stereo Image enclosure (2) (lows and highs)
- 1 Mackie 1400 amp for each subwoofer (2) Bridged
- 2 Mackie 1400 amps for stage monitors (4 mixes)
- 1 Mackie 1400 amp for Left and Right Rear speakers (one channel each)

Front of House Speakers

- 2 BBI HA-2 Cabinets (center cluster) 2-way bi-amped with 400 watt 12" low frequency driver, 2" liquid-cooled high frequency driver on custom BBI fiberglass horns.
- 2 BBI HA-3 cabinets (Stereo Image) 2-way bi-amped with 700 watt 15" low frequency driver, 2" liquid-cooled high frequency driver on custom BBI fiberglass horns
- 2 BBI SB-1 subwoofer cabinets with 1,000 watt 18" long excursion driver
- 2 BBI HA-1 cabinets (Left and Right Rear) with 300 watt 10" low frequency driver and a 1" liquid cooled high frequency driver on custom BBI fiberglass horns with high quality internal passive crossovers.

On-stage Monitor Speakers

- 2 BBI HA-1M cabinets with a 300 watt 10" low frequency driver and a 1" liquid-cooled high frequency driver on custom BBI fiberglass horns with high quality internal passive crossovers.
- 4 JBL EON G2 10" powered wedge monitors

AUDIO ACCESSORIES

There is no headset or intercom system.

- 4 wireless EW-100-G2 Sennheiser hand held microphones and receivers (wireless available at \$100/day/microphone)
- 10 Sennheiser Condenser microphones
- 2 Audix OM-5 vocal microphones
- 2 straight mic stands with round base
- 1 straight mic stand with tripod base
- 2 Peavy leaning boom mic stands with triangular base
- 4 tripod-style boom mic stands
- 4 XLR 25-foot cables
- 1 XLR 50-foot cable
- 2 XLR 20-foot blue cables
- 1 XLR to ¼" male adaptor, 1 XLR to ¼" female adaptor