



KIVA AUDITORIUM

TECHNICAL SPECIFICATIONS

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Private Management for Public Facilities

AUDITORIUM SPECIFICATIONS

AUDITORIUM DIMENSIONS & DESCRIPTIONS

103' – 0" deep from front of stage to back wall of auditorium.

227' 6" wide

Height from auditorium ceiling plane to floor in front of stage is 24' – 4".

The shape of the seating is a modified fan.

SEATING CAPACITY

Full capacity: 2,338 seats

With section 3, Rows AA-EE removed: 2,167 seats (133 total seats in Sec 3, rows AA-EE)

Twenty-four wheelchair accessible seating locations (with adjacent companion seating) are distributed within Section 1, 3 and 5 of the Auditorium.

SERVICE ACCESS

The Kiva Auditorium is located on the Second Level North Side of the Albuquerque Convention Center West Complex. Service access is via a 12' 8" high by 41' wide loading dock facing north to Marquette Avenue between Second and Third Streets north of the Convention Center West Complex. A 10,000 pound capacity Service Elevator, 9' 9" wide by 20' deep by 10' high, is accessible directly from the loading dock and accesses the stage level of the Kiva Auditorium, stage left.

STAGE FLOOR

Ebony stained hardwood on wood sleepers. With 3000 lbs. wheel load limitation.

DRESSING ROOMS/LOCKERS

The Kiva Auditorium has two chorus dressing rooms, two private dressing rooms, two production offices and a Green Room with a kitchenette area. The Green Room and one private dressing room are handicapped accessible from the Auditorium. One star dressing room and both chorus dressing rooms are handicapped accessible from both the auditorium and the stage. All dressing rooms have restroom and shower facilities.

The two production offices are located backstage, stage right and stage left, and include accessible restroom facilities.

KIVA AUDITORIUM THEATRICAL SYSTEMS

STAGE

Approximately 58' – 0" wide by 57' – 0" deep. 3,306 square feet usable space
Proscenium opening 50' – 0" wide by 18' – 0" high
Apron area 7' – 0" downstage of proscenium
Loading mid-stage left

THEATRICAL RIGGING

A bi-level unistrut grid mounted to underside of roof trussing running
Downstage/upstage at 19' – 0" for the upstage portion and 21' – 0" for the downstage portion.
Battens provided for drapery rigging.

THEATRICAL DRAPERIES (Soft Goods)

Main Curtain & Valance

Line operated, bi-part action traveler and 3' – 0" full stage valance located at
9' – 7" and 10' – 1" from plaster line (audience side of plaster line)

Legs, Tabs & Border # 1

Dead hung and located 0' – 0"

Border #2

Dead hung and located 8' – 0"

Legs & Tabs #2

Dead hung and located 12' – 0"

Border #3

Dead hung and located 16' – 0"

Legs & Tabs #3 & Border #4

Dead hung and located 24' – 0"

Upstage traveler

Line operated, bi-part action travel located 30" – 0"

Cyclorama

Dead hung and located 31' – 0"

ELECTRICAL & LIGHTING

LIGHTING POWER

- 1 400amp/208v, 3-phase company switch located upstage left
- 1 200amp/208v, 3-phase company switch located upstage left
- 2 30A/208V, single phase, four wire follow spot power receptacles located in follow spot room
- 4 20amp/120v, console plug-in positions with lighting system "clean power" located downstage right and left, rear of auditorium & in control room
- 180 2.4kW dimmers
- 1 6.0kW dimmers

ELECTRICS

Position	Pipe length	Circuits	Connector type
FOH catwalk # 1	56'	24	twistlock
FOH catwalk # 2	56'	24	twistlock
FOH catwalk # 3	56'	24	twistlock
FOH catwalk # 1	56'	24	twistlock
Side catwalks	8'	5 (each side)	twistlock

48 multi-cable drop circuits over stage.
24 circuits on stage.

LIGHTING CONTROL SYSTEM

- 7 dmx signal out receptacles located throughout stage & technical level
- 1 lighting system control console
- 1 lighting system control console back-up for house lights.

LIGHTING EQUIPMENT

- 1 Follow spot – Strong Xenon Super Trouper Medium Throw
105' throw distance to edge of stage
- 2 Follow spots – Strong 575

SOUND, VIDEO & COMMUNICATION SYSTEMS

HOUSE CONSOLE

DDA CS3: 32 inputs, 4 outputs

Console can be placed in the rear of the house (main level) or in front of the sound control booth (catwalk level).

SPEAKERS

- 1 House Cluster (center)
- 2 Delay Clusters (center, stage left, stage right)

Speaker patch panel with Neutrik NL4 connectors (sound control booth) to Assign auxiliary or monitor speaker circuits to 8 available amplifier channels.

COMMUNICATIONS

Intercom System

2-channel Clear-Com system feeds distributed XLR receptacles.

HEARING IMPAIRED

Sennheiser infrared listening system

VIDEO

Color camera feeds distribution BNC receptacles (program video only).

TV-type video system feeds distributed F-type receptacles (audio & video).

Dressing room shows program monitor & page.

Control room show program monitor.

ROAD & BROADCAST ACCOMMODATIONS

Road console location (to be used for sound & lights) in the rear of the house (main level). Size of platform at console is 8' deep by 12' wide.

No seats required to be removed.

Cable run from main level console location to stage is approximately 120'.

Console ties into house system via wireworks G3 series multi-pin connectors.

House system circuits available via panel mounted receptacles.

- 54 Stage microphone circuits (XLR receptacles)
- 24 Stage line level circuits (XLR receptacles)
- 16 Stage speakers circuits (NL4 receptacles)
- 12 Stage video circuits (BNC receptacles)
- 10 Catwalk microphone circuits (XLR receptacles)

Broadcast tie-lines available via panel mounted receptacles (loading dock):

40 Microphone/line level circuits (XLR receptacles)

6 Video circuits (BNC receptacles)

THEATRICAL SOUND POWER

- 1 200A 3-phase company switch with isolated technical ground located upstage left
Isolated technical ground 20A twist-lock receptacle panel

SPEECH REINFORCEMENTS SYSTEM

- 1 32 x 4 Mixing Console – DDA CS3
- 1 2 x 8 Digital Processor – Yamaha D2040
- 1 Cassette Tape Recorder/Player (rolling rack) – Tascam 122-MK-III
- 1 Digital Audio Tape (DAT) Recorder/Player (rolling rack) – Tascam DA-30-MK-II
- 1 Compact Disc Player (rolling rack) – Tascam CD-401-MK-II
- 1 Multi-Effects Processor (rolling rack) – Yamaha SPX-1000
- 1 Dual-Channel 1/3 Octave Graphic Equalizer (rolling rack) – Rane ME-60
- 2 Power Amplifier, Type A – Crown CT-200
- 2 Power Amplifier, Type B – Crown CT-400
- 5 Power Amplifier, Type C – Crown CT-800
- 2 Power Amplifier, Type D – Crown CT-1600
- 3 Central Array Loudspeakers – EAW KF650is
- 6 Delay Array Loudspeakers – EAW AS300e
- 1 Central Array Loudspeaker System Controller – EAW MX800i-653 System Controller

ASSISTIVE LISTENING SYSTEM

- 1 2 x 6 Audio Distribution Amplifier – Oxmoor MDA-26T
- 1 Infrared Transmitter – Sennheiser SI-1013
- 4 Infrared Emitter – Sennheiser SZI-1029-24
- 14 Infrared Headset Receiver – Sennheiser RI-100-A

PRODUCTION COMMUNICATIONS (HEADSET INTERCOM) SYSTEM

- 1 Power Supply – Clear-Com PS-454
- 2 Remote Stations – Clear-Com RM-220
- 10 Belt-Pack Stations – Clear-Com RS-501 belt pack, CC-85 headset
- 4 Remote Speaker Stations – Clear-Com KB-11A w/optional “M-Box”
- 2 Handset Unit – Clear-Com HS-6

PROGRAM MONITOR & PAGING SYSTEM

- 1 Program Monitor Microphone – Sennheiser K6P/ME64
- 1 Page Routing Module – Rane CT-62
- 1 Dual Channel Compressor/Limited – DBX 262
- 1 Power Amplifier, Type A – Crown CT 200
- A/R Autotransformer Volume Control – Soundolier AT-35-RM on 2-gang wall plate
- A/R Control Room Monitor Loudspeaker, Type SM – JBL Control 1-AW-70
- A-R Back-of-House Wall Mounted Loudspeaker, Type SW – Altec Lansing

409-ST 8", Soundolier 415-8W backbox/baffler

PRODUCTION VIDEO SYSTEM

- 1 Television Modulator – Blonder-Tongue OCA-8 #5952
- 1 Amplified Headend Combiner – Blonder-Tongue OCA-8 #5952
- 1 Hybrid Splitter/Combiner – Blonder-Tongue CRS-8 #4038
- A/R Broadband Distribution Amplifier – Blonder – Tongue BIDA 450-50 #5442
- 2 1 x 6 Video Distribution Amplifier – Videotek VDA – 16
- A/R Single –Output In-Line Tapoff – Blonder-Tongue CRT #4028
- A/R Dual – Output In-Line Tapoff- Blonder- Tongue CRT Series #4022
- 1 Monitor/Receiver, Type A – Videotek RM -13TR

PORTABLE SVC EQUIPMENT

- 2 Wireless Microphone System – Telex FMR- 450C (w/receiver, transmitter & cardioid lapel microphone)
- 1 Wireless Handheld microphone- Telex HT 100/58
- 4 Wired Microphone – Shure SM -57
- 4 Wired Microphone – Shure SM -58
- 2 Wired Microphone – Crown CM -31 hanging record mic
- 4 Wired Microphone – Crown PCC -160 PZM type
- 4 Microphone stands – AKG KM-201A/2 floor stand
- 4 Microphone stands – AKG KM-211/2Blk boom arm
- 2 Microphone stands – Atlas DS-7 desk stand
- 4 Direct Interface – ProCo DB-1 direct box
- 2 Multi-box Wireworks LB-19-25
- 4 Loudspeakers – EAW SM200iH stage wedge monitors