Our goal at the Ardrey and Ashurst Auditoria is to provide the best in entertainment production in Northern Arizona. We manage the largest indoor performance venue in Flagstaff with a seating capacity of nearly 1,400 people. The auditorium is managed by the College of Arts and Letters on the campus of Northern Arizona University and is a multiple-use venue including touring shows, major dance companies, orchestras, pop music concerts, opera performances, political debates, lectures, and College of Arts & Letters/School of Music events. The auditorium was constructed in 1973. Interior renovations occurred in 1997, 2005, and 2012 including the expansion of the lobby, handicapped accessible seating, and a new loading dock.

Listed in this packet are the technical specifications for Ardrey and Ashurst Auditoria.

General Manager
Kathleen Batalli – 928-523-9042, kathleen.battali@nau.edu

Events Coordinator
Brett Kitch – 928-523-4120, brett.kitch@nau.edu

Technical Director
Jason Pickering – 828-523-4707, Jason.pickering@nau.edu

Ticketing Manager
Heidi Robinson – 928-523-7189, heidi.robinson@nau.edu

Shipping/Mailing Address
Ardrey Memorial Auditorium
1115 S. Knoles Dr. RM 290A #6040
Flagstaff, AZ 86011
Fax: 928-523-2056
Seating
- Lower Orchestra Level: 941
- Balcony: 385
- Total: 1326
- Wheelchair access: Orchestra Level: Row F & X; Balcony Row D

House
- 63’ 2 ¼” across at stage
- 92’ across at balcony edge
- 89’ across back wall
- 87’ from lip of stage to back wall

Stage Dimensions
- Proscenium - 53’ 7 ½” wide, 26’ high, 2’ 6” deep
- Stage is 54’ from plaster line to back wall.
- Stage is 40’ 6” from plaster line most upstage batten.
- Stage depth is 57’ from orchestra pit arc.
- Stage height is 2’ 9”
- Apron depth is 5’ without orchestra pit cover
- Apron depth is 17’ 2” with orchestra pit cover to arc, 12’ 7 stage right and 9’ 6” stage left
- Apron width upstage is 60’ 6”
- Apron width at lip is 52’ 11”
- Distance from House rear wall to orchestra pit arc is 83’
- Distance from House mix position to curtain line is 100’

Stage Floor
- The stage floor is hardwood laid over concrete with no sleepers. Floor is not resilient.
- Floor is 66’x44’, painted black
- Four (4) 3’x7’ traps. One month notice must be given to have any traps removed.
- The floor may not be drilled or screwed into.
- A 60’ x 42’ black dance floor is available.

Wing Space
- Stage right: 19’ 10” x 52’
- Stage left: 24’ 05” x 40’
- Stage Right has lock rail
- Much of the wing space is used for storage
- Permanent off stage storage includes:
  - Two (2) Grand Pianos w/ cages – stage left wall
  - Four (4) Tympani w/ cage – stage left wall
  - Ladders and lift – stage left wall
  - Cable Cabinet – upstage wall
  - Orchestra & Recital Shell – upstage wall
  - Chairs & Music Stands – upstage wall
  - Left & Right Speaker stacks – upstage wall
  - Platforms – stage right wing

Note: If a large amount of wing and backstage space is needed, notice must be given one month prior to load in. Some, but not all items (orchestra shells physically cannot be removed from backstage) can be removed from auditorium with advance notice.
**Grid Height**: Height of grid is 59’ from deck to top of grid surface with trim height of 55’

**Orchestra Pit**
- Dimension 12’ x 42’ 6”
- Access to pit are steps on both stage right and left
- There is no curtain or sound proofing currently in the orchestra pit.
- Pit cover is not hydraulic; consisting of 24 platform sections, manually assembled and only two (2) levels (stage and 10’). To remove the pit cover, 1 month notice to the Technical Director and an extra day must be added to the load in and load out. Five hundred dollars ($500.00) in labor cost will be added to the auditorium rental.

**Support Areas**
- **Crossover**: Downstage of storage area. Approximately 3’ wide.
- **Access**
  - Access to backstage from the lobby is stage right.
  - Access from stage to house is by steps down stage left and right.
  - Access to outside is by stage door up stage right and doors stage left to hallway.

**Shop Area**
- There is no shop area
- Hand tools are limited
- Most power tools needed for carpentry are not available
- Ardrey’s crew is generally not trained in stage carpentry. If set building is required, it is the user’s responsibility to provide experienced carpenters.
- Major tools, welders, etc. are not available
- Painting indoors is prohibited to protect our stage and equipment. All painting must be done on our loading dock.
- Ardrey does not allow screwing or tagging into our stage. We are a multi-use facility and our stage floor must be kept in pristine condition. All set pieces must be able to securely stand on their own.

**Production Office**: There is no permanent Production Office. If needed, one may be set up in one of the dressing rooms.

**Green Room**: There is no Green Room. The dressing rooms are comfortably furnished and the foyer outside of the dressing rooms can accommodate catering.

**Stage Manager Console**
- Located stage right
- Stage video feed
- ETC lighting paradigm
- Work lights
- Show Blues
- Clear Com 2 Channel Remote Station RM-702
- Mac Mini
- Ethernet land line for internet connection
- Backstage Wifi (weak signal; intermittent connectivity)
Dressing Rooms
- 4 rooms: 2 large, 2 small
- Clear Com Feed
- Audio feed from stage
- 1 Bathroom
- No shower
- Cabinet with sink in dressing room foyer
- Located off stage left down the hall from the stage in the School of Music

Wardrobe Area: There is no area set up for wardrobe. The foyer of the dressing room area is large and can be used by wardrobe. Ardrey Auditorium does not have access to washers, dryers, or steamers.
- Rolling Costume Rack and Hangers: None available
- Quick Change Booths: None available

Loading Dock
- Located on the Southwest corner of auditorium adjacent to stage door entrance.
- Trucks parks on a slight incline
- Loading dock and ramp are lit. Portable lighting for inside of trailer can be provided.
- Loading Dock is approximately 23’ x 20’ and 37” from ground.
- A 30” x 36” dock plate is available.
- Ramp to stage level is approximately 70’ x 10’ with 8% grade moving down from the dock.
- Stage roll up door is located upstage left and 12’ wide by 9’ 5” high.

Shore Power: There is NO shore power available.

Parking: See the Technical Director of General Manager to arrange all truck and bus parking.

Crews: Ardrey Auditorium requires that there be a minimum of one Ardrey crew member present and on the clock for all set ups, rehearsals, and performances. Necessary house and stage crew numbers will be determined by auditorium management as needed for the smooth operation of the event.

Although we will do our best to accommodate if requested, Ardrey cannot guarantee the same crew from shift to shift as most of our crew are students with intensive class schedules.

Ardrey Auditorium is a non-union house. Production crews consist of trained NAU students and community members supervised by the full time Events Coordinator and Technical Director. There is no Yellow Card Union available in Flagstaff. The closest IATSE chapter is the Local 336 in Phoenix 145 miles away. All equipment owned by NAU will be operated by Ardrey employees unless permission is given by the Technical Director.
Policies: Ardrey Auditorium has policies in place to ensure the quality of its performances, safety of performers and crew, longevity of its equipment and hall, and the enjoyment of its patrons. Northern Arizona University is a state institution and has policies in place that are regulated by both the state and the university. Auditorium management has the final say on the enforcement of all policies.

Opening of House
- No later than one half (1/2) hour prior to curtain.

Start of Performance/Event
- Performances always begin on time. Normal curtain time is 7:30pm for evening performances. Attendees arriving late will be seated at the discretion of the management.
- The Technical Director or Stage Manager will notify production personnel should there be a hold on performances.
- The production will not begin without the knowledge of the Technical Director or Stage Manager.
- Ardrey Auditorium fire code announcements are to be made before ALL events.

Building Access
- Access to the facility is limited to the time arranged with the Technical Director.
- A complete list of all persons allowed backstage by the user will be provided to the Technical Director upon arrival.
- Ardrey Auditorium reserves the right to limit backstage access.
- Performers and crew are encouraged to use the loading dock entrance.
- No animals are allowed in the facility except service animals and animals needed in connection with performances. The Technical Director must be notified that performance animals are with the show.

Equipment
- Only staff approved by the Technical Director may operate Ardrey equipment.
- No tapes, adhesives, screws, or nails are to be used on the stage, equipment, seats, walls, curtains, etc. without approval of the Technical Director.
- Operation of the fly system is to be done only under supervision and with prior approval of the Technical Director.
- All lighting or light board changes, including gel color, require the approval of the Technical Director.
- No changes are to be made to the sound system without prior approval of the Technical Director.
- The management reserves the right to control volume for all events in the building.
- No tables will be set up in the building without permission of the management.
**Fire Code**

- Fire Code must be observed at all times. There are no exceptions.
- There must be a clear unobstructed pathway to all exits.
- The Fire Curtain cannot be blocked. The Fire Curtain is located just upstage of the Proscenium. There is a 5 inch strip running Stage Left to Stage Right that is marked with tape and under no circumstances is to be blocked by instruments, equipment, risers, set, etc. Cabling must sit low enough to be able to maintain the seal at the bottom of the Fire Curtain. Ardrey Auditorium recognizes that this can present challenges to staging, however we do have a written statement from the NAU Fire Marshall regarding this policy.
- No smoke machines, hazers, etc. shall be allowed without approval from the Technical Director.
- Use of pyrotechnics at Ardrey Auditorium must be requested to the Technical Director one month prior to load-in.

**ARDREY AUD. FOLLOWS NFPA 1998 EDITION LAWS** – a fire permit will be needed for the use of pyro items at Ardrey Auditorium. Time must be set to allow for an inspection and test-firing of pyro equipment prior to the performance by the fire specialist, fire marshal, and Technical Director. Ardrey Auditorium reserves the right to refuse usage of said items if it seems that a danger is present during inspection.
- There will be no open flame on the stage or in the building without a written waiver from Northern Arizona University and prior arrangement with the Technical Director.

**NAU Policies**

- Smoking is prohibited inside all areas of Ardrey Auditorium. Smoking is also prohibited within 50’ of any building entrance.
- Possession of firearms on campus, licensed or not, is a direct violation of University policy. Ardrey Auditorium will notify NAUPD of a firearm found on campus.
- Notice of firing of blanks on stage must be requested to the Technical Director one month prior to load-in and cleared with fire specialist and NAUPD. The firearm must be a closed-barrel type of firing device. NAUPD must inspect the firing unit and give approval before use at Ardrey Auditorium. NAUPD and the Technical Director reserve the right to refuse usage at Ardrey Auditorium.
- During setup and strike, only the artist and staff (in-house and road) are allowed on stage. All photographer passes will be issued with the approval of the company management. The company manager or road manager must alert the auditorium management to any press or special visitors. No guests are allowed back stage before, during, or after a performance. All guests must meet performers at the stage door.
- Food and drinks are prohibited on the stage and in the House and Lobby. Water is allowed on stage if contained in a bottle with a lid.
- Sodexo Food Service has the catering contract for the University. All food and drink catering must be handled by this firm.
- Program displays, souvenir programs, tapes, disk, shirts, books, etc. are to be sold from tables in the lobby only. The position of tables must be approved by Ardrey management. House does take a percentage of any sales within Ardrey. Contact Ardrey management concerning percentages of sales of merchandise.
- NAU is a dry campus. No alcohol is allowed on stage, in the hall, or in the dressing rooms.
FLY RAIL SYSTEM

- Ardrey’s crew is trained in the proper operation of our Fly Rail System. However, Ardrey does not have certified riggers on staff. Any rigging beyond normal fly rail operation requires outside riggers to be hired in. Advance notice is needed to arrange this.

Line Set Data

Type: Single Purchase – Operated at stage level on Stage Right

Working Height of Battens
- High Trim – 55’ above stage
- Low Trim – 5’ above stage
- 1st Electric High Trim – 33’ 5” above stage
- 1st Electric Low Trim – 3’ 6” above stage
- Electrics High Trim – 38’ 10” above stage
- Electrics Low Trim – 2’ 5” above stage

Battens
- 36 battens
- Batten length is 72’
- 1 ¼” schedule 40 pipe
- 7 lift lines

Arbor Capacity: Maximum load per pipe is 1,250lbs.

Available Weight
- 6,000lbs between loading rail and mid rail
- Weight sizes are 25lbs, 20lbs, and 15lbs

Loading Gallery: Located above lock rail and accessed by staircase up stage right. Arbor is accessible when pipe is in at low trim.

Pin Rail: Located above lock rail stage right, 33’ above floor.

Permanent Battens:
- 5 permanent electrics
- Front teaser, main curtain, travelers and blackout will not be removed
- 5 permanent acoustical canopies

House Draperies

Grand Curtain/Teaser
- Red traveler/guillotine combination 1’ up of plaster line
- Manual lift line and traveler combination operated from stage right.
- Velour, 50% fullness, good condition
- Red Velour teaser downstage of house curtain

Legs
- Four (4) sets
- Black Velour, flat
- 18’ wide x 28’ high
Travelers
- Three (3) sets – Upstage, Midstage, and Downstage
- Black Velour
- Manual lift line and traveler combination operated from state right.
- Two (2) sets are black velour with 50% fullness. One (1) set is black velour with 0% fullness.
- Travelers are permanent and may not be removed or moved to another line set.

Borders
- Four (4) sets
- One (1) is 0% fullness and 72’ wide x 6’ high
- Three (3) are 50% fullness and 72’ wide x 9.5’ high
- Black Velour

Scrim
- One (1) black Scrim
- 60’ wide x 27’ high

Cyclorama
- One (1) Natural Cotton color, good condition.
- 70’ wide x 39’ high
Fly Rail Rep Plot

1. Valence (permanent)
2. Main Drape (permanent)
3. 1st Electric (motorized, truss, permanent)
4. Projector Screen
5. 1st Canopy (permanent)
6. 1st Border
7. 1st Legs
8. Downstage Traveler (permanent)
9. Spare
10. 2nd Electric (permanent)
11. Spare
12. Spare
13. 2nd Canopy (permanent)
14. 2nd Border
15. 2nd Legs
16. Midstage Traveler (permanent)
17. 3rd Electric (permanent)
18. Spare
19. Spare
20. Spare
21. 3rd Canopy (permanent)
22. 3rd Border
23. 3rd Legs
24. Spare
25. 4th Electric (permanent)
26. Black Scrim
27. Spare
28. 4th Canopy (permanent)
29. Spare
30. 4th Border
31. 4th Legs
32. 5th Electric (permanent)
33. Spare
34. Upstage Traveler
35. 5th Canopy (permanent)
36. Cyclorama
37. Spare (not schedule 40 pipe and only 5 lift lines; preferably not used except for very light loads)
38. Worklights (motorized)
LIGHTING

- Two (2) 400 amp 3 phase located on up stage right wall
- One (1) 100 amp 3 phase split off one of the 400 amp boxes
- Connections are designed for bare wire.
- House does not provide feeder cables
- Ardrey Auditorium staff must be notified at least 7 days prior to the requested hook up time. Hookup and disconnect must be performed by a Northern Arizona University electrician for which a service charge is assessed. Without advance notice, hookup at the desired time cannot be guaranteed.

Dimmers: 288 ETC Sensor 3 2.4Kw dimmers located in storage room stage right

Control Board: Road Hog Console
- Two (2) built in 12” high brightness color touchscreens
- Backlit trackball with four configurable buttons for cursor and position control
- Ten (10) playback faders with familiar playback controls
- 2,048 DMX-512 channels
- Supports USB MIDI/LTC Widget for SMPTE input and MIDI in/out/thru, MIDI Timecode, and MIDI Show Control
- Supports MIDI via M-Audio USB Uno MIDI Interface
- One (1) additional touchscreen monitor
- Add-on keyboard

Control Locations:
- The permanent console position is located at the rear center of the house. See seating chart.
- A permanent table 3’ 6” x 5’ is provided for console
- Ethernet ports are located through the building for additional control locations

ETC Lighting Ethernet Port Locations
- Stage Right – Two (2) Ethernet, One (1) 5 pin auxiliary
- Stage Left – Two (2) Ethernet, One (1) 5 pin auxiliary
- Lighting Console (back of House) – One (1) Ethernet, One (1) 5 pin auxiliary
- Balcony Position – Two (2) Ethernet – one House Left and one House Right
- House Left Control Booth – One (1) Ethernet, One (1) 5 pin auxiliary
- Orchestra Pit – One (1) Ethernet
- Audio Catwalk – One (1) Ethernet (this area is not open to the House and does not have any hang positions)
- FOH Catwalk – Three (3) Ethernet – one each left, center, right

Unison Paradigm Architectural Control System
- One (1) permanent panel Stage Right
- One (1) movable panel that connects via 5 pin auxiliary ports; typically located at lighting console
- House Light presets
- Various presets for commonly used settings
- Paradigm may not be reprogrammed without prior approval from Technical Director

House Lights
- House lights may be operated from the lighting console
- Controllable via Unison Paradigm
- Two (2) preset panels located at Backstage Right and Left entrances
**Circuits:** All circuits are wired dimmer per circuit and terminate in L5-20 twist lock connectors

<table>
<thead>
<tr>
<th>Locations</th>
<th>Circuit #s</th>
<th>Number of Circuits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOH Cove</td>
<td># 1-55</td>
<td>55</td>
</tr>
<tr>
<td>SR Box Boom</td>
<td># 56-67</td>
<td>12</td>
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<tr>
<td>SL Box Boom</td>
<td># 68-79</td>
<td>12</td>
</tr>
<tr>
<td>1st Electric</td>
<td># 80-120</td>
<td>41</td>
</tr>
<tr>
<td>2nd Electric</td>
<td># 121-151</td>
<td>31</td>
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<tr>
<td>3rd Electric</td>
<td># 152-182</td>
<td>31</td>
</tr>
<tr>
<td>4th Electric</td>
<td># 183-204</td>
<td>22</td>
</tr>
<tr>
<td>5th Electric</td>
<td># 206-228</td>
<td>23</td>
</tr>
<tr>
<td>Stage Left Floor Pockets (4)</td>
<td># 229-240</td>
<td>12</td>
</tr>
<tr>
<td>Stage Right Floor Pockets (4)</td>
<td># 241-252</td>
<td>12</td>
</tr>
<tr>
<td>SR Drop Box – Up Stage</td>
<td># 253-258</td>
<td>6</td>
</tr>
<tr>
<td>SR Drop Box – Mid Stage</td>
<td># 259-264</td>
<td>6</td>
</tr>
<tr>
<td>SR Drop Box – Down Stage</td>
<td># 265-270</td>
<td>6</td>
</tr>
<tr>
<td>SL Drop Box – Up Stage</td>
<td># 271-276</td>
<td>6</td>
</tr>
<tr>
<td>SL Drop Box – Mid Stage</td>
<td># 277-282</td>
<td>6</td>
</tr>
<tr>
<td>SL Drop Box – Down Stage</td>
<td># 283-288</td>
<td>6</td>
</tr>
</tbody>
</table>

**Hanging Positions:**
- Balcony – 82’9” throw to plaster line at center
- FOH - 61.5’ throw to plaster line at center
- Left & Right Box Boom - 70’ throw (top), 60’ throw (bottom) to plaster line at center
- 1st Electric Truss - DS rail is 3’ 1” from plaster line; US rail is 4’ 8” from plaster line
- 2nd Electric - 10’ 11” from plaster line
- 3rd Electric - 17’ 8” from plaster line
- 4th Electric - 26’ 2” from plaster line
- 5th Electric - 34’ 8” from plaster line
- SR Floor Pockets – 3 w/ 3 circuits per pocket
- SL Floor Pockets – 3 w/ 3 circuits per pocket
- DS Floor Pockets – 2 at Plaster Line w/ 3 circuits each
Equipment Inventory

Instruments

- 73 - Par 64’s
  - Par 64 Lamps
    - Wide – 87
    - Medium – 84
    - Narrow – 14
    - Very Narrow - 1
- 22 - Source 4 Par
  - Source 4 Par Lenses
    - Wide - 21
    - Medium - 20
    - Narrow - 17
    - Very Narrow - 20
- 22 - 8” Fresnels
- 8 – Coca 1000 - 4 cell cyc lights
- 21 - Altman 6x9
- 17 – Strand 6x9
- 16 – Strand 6x12
- 31 - Source 4
  - Source 4 Barrels
    - 19 degree – 27
    - 36 degree – 2
    - 50 degree - 3
- 102 - ColorTran Ellipsoidals
  - ColorTran Ellipsoidal Barrels
    - 40 degree - 25
    - 30 degree – 18
    - 20 degree – 25
    - 15 degree – 53
- 20 - 10 degree ColorTran Ellipsoidals – barrels not interchangeable

Follow Spots: Two (2) Strong HMI 575 Follow Spots located in the lighting control booth at the rear of the balcony on center.

Cable

- All units and cable have L5-20 twist lock connectors
- There are a limited number of Edison/stage pin to twist lock adapters – Please arrange in advance with the Technical Director
- Limited quantity of various cable lengths
- 26 two-fers

Color: Ardrey Auditorium has a selection of gel from Rosco and Lee. Please discuss with the Technical Director in advance to make sure that we have the color you need in our inventory. It takes about 2 weeks for gel orders to come in.
Additional Equipment

- 2 Source 4 Iris
- 1 ETC NET3 4 port Gateway [5 pin] (located at lighting console)
- 2 ETC NET3 2 port Gateway [5 pin] (can be plugged in at any ETC Ethernet Port located throughout venue)
- 8 Side Boom bases
- 7 8’ Side Boom pipes
- 4 3’ Side Boom pipes
- 2 9.5’ Side Boom pipes
- 5 17.5’ Side Boom pipes
- 24 Side Arms
- 35 ColorTran Gobo Holders
- 12 ETC Gobo Holders
- 24 Altman Gobo Holders
- An assortment of metal gobos. Consult the Technical Director two weeks prior if you are looking for something specific.
AUDIO

Ardrey Auditorium has the in-house ability to run 40 channels from the stage with 4 monitor mixes.

Power

Company Switches
- Two (2) 400 amp 3 phase located on up stage right wall
- One (1) 100 amp 3 phase split off one of the 400 amp boxes
- Connections are designed for bare wire.
- House does not provide feeder cables
- Ardrey Auditorium staff must be notified at least 7 days prior to the requested hook up time. Hookup and disconnect must be performed by a Northern Arizona University electrician for which a service charge is assessed. Without advance notice, hookup at the desired time cannot be guaranteed.

Mixing Console: Yamaha M7CL - 48 channel, 16 output

PA

House Left & Right: Ground Stacked
- One (1) EAW KF-650isp per side (hi-mid)
- One (1) EAW KF-695isp per side (lo-mid)
- One (1) EAW SB-528zR per side (sub)

Center Cluster
- Two (2) Yamaha S4115H

Balcony Cluster
- Two (2) Yamaha S4115h II

Power Amplifiers
- Two (2) Crown Com-Tech 400 (Highs and Mids)
- Three (3) Crown Com-Tech 1600 (Lows and Subs)
- Two (2) Crown Com-Tech 200 (Center Cluster and Balcony Cluster)

Note: Ardrey Auditorium does not have rigging points downstage of the proscenium to accommodate the flying of PA speakers. All main speakers must be ground stacked.

Stage Monitors: Ardrey Auditorium does not own a separate monitor console. Monitor mixes are controlled from the FOH console

Speakers
- Four (4) Bag End TA1200-CF (floor wedges)
- Five (5) Galaxy Hot Spots (stand mountable)

Power Amplifiers: Two (2) Ashly FTX Series II (2 channels per amplifier; 4 mixes total)

Note: Under no circumstances will more than two speakers will be plugged into a single mix. Speaker types may not be mix and matched on a single mix.

Processing: BSS Soundweb London BLU-160
FOH Rack

- One (1) Shure UA844 UHF Antenna Distribution System
- Four (4) Shure ULXP4 Wireless Receivers
- One (1) Marantz PMD580 solidstate recorder
- One (1) Tascam CD-RW402 recordable 2 CD player

Microphones

- One (1) Wireless Shure Beta58A
- Three (3) Wireless Shure SM58
- Four (4) Shure ULX1-J1 lavalier belt pack
- Seven (7) Shure SM57
- Two (2) Shure SM58
- Three (3) Shure SM81
- One (1) AKG C3000B
- One (1) Shure KSM27
- One (1) AKG D112
- Two (2) AKG C460B
- Four (4) Crown PCC
- One (1) Crown PZM
- One (1) Beyerdynamic SHM 20 N(C) podium mic
- Two (2) Shure SM18B
- Two (2) Shure SM61
- One (1) Audio Technica PRO 10HE
- One (1) Peavey PVM 45
- One (1) EV 357B
- Three (3) EV 635A
- One (1) Carvin CM67
- Two (2) Countryman Type 85 active direct box
- One (1) Samson S-Direct Plus active direct box

Wireless Microphones

- Four (4) channels of wireless microphones
- One (1) Shure UA844 UHF Antenna Distribution System
- Four (4) Shure ULXP4 Wireless Receivers (hard wired into the back of the console)
- One (1) Wireless Shure Beta58A handheld microphone
- Three (3) Wireless Shure SM58 handheld microphone
- Four (4) Shure ULX1-J1 lavalier microphone belt pack
- Capabilities limit use to 4 wireless microphones at one time on the house wireless system
Microphone Stands
- Five (5) Tall boom, round base
- Six (6) tall boom, tripod base
- Six (6) Short boom, round base (can be adjusted to be tall)
- Fifteen (15) Straight, round base
- Two (2) Bogen tripod
- Seven (7) Desk

Sub Snakes: Two (2) 50’ 12 channel sub snakes (1 has 3 aux sends) [2 channels on one are unusable]

Wiring
- Inputs 1-20 stage right at proscenium (there is limited slack in the line to allow for placement slightly onstage)
- Inputs 21-40 stage left at proscenium (there is limited slack in the line to allow for placement slightly onstage)
- Inputs 41-42 at house left box boom
- Inputs 43-44 at house right box boom
- Inputs 47-48 at center balcony
- 4 Monitor outputs on stage right at proscenium (same mixes as stage left)
- 4 Monitor outputs on stage left at proscenium (same mixes as stage right)
- 6 sub mic lines and 2 monitor lines from center apron line to backstage right at proscenium
- 6 sub mic lines from center stage floor pocket at plaster line to stage right at proscenium
- 4 sub monitor lines from center stage floor pocket at plaster line to stage left at proscenium

Control Location
- The permanent mix position is located at the rear center of the house. See seating chart.
- Mix position may not be relocated under any circumstances
- A permanent table 4’ 7” x 9’ 1” is provided for console.
- 30” x 6’ table is available for additional equipment.
- Whirlwind ISO quick release multi fan out from stage to house mix position
- Additional snake path runs from downstage right and hung on the house left wall approximately 9’ high. Distance – 225’
- House console can only be moved via prior arrangement with the Technical Director.

Hearing Assist System: Listen LT-800 w/ 4 receiver units. The User Group must provide a line level output feed for the Assisted Listening System to comply with requirements of the American Disabilities Act.

Monitor/Paging System: One (1) Behringer Eurocom SN2108 that feeds into ceiling speakers in the dressing room area. Volume knobs in the foyer and two large dressing rooms.

Recording
- One (1) Nuemann stereo microphone hanging over downstage apron
- One (1) Marantz PMD580 solidstate recorder
- One (1) Tascam CD-RW402 recordable 2 CD player
- Stereo recording only. No multi-track capabilities
- Recording quality is limited. For archival purposes only
- The recording mic is permanent and may not be moved or removed
- Recording mic height can be adjusted
Clear-Com

Stations: Channels A and B at each station
- One (1) Audio Mix position
- One (1) Lighting Console
- Two (2) Stage Right
- One (1) Stage Left
- One (1) Fly Rail
- One (1) Mid Rail
- One (1) Loading Bridge
- One (1) Stage Right Follow Spot (Center Booth)
- One (1) Stage Left Follow Spot (Center Booth)
- Two (2) House Left Booth
- One (1) House Right Booth
- One (1) Orchestra Pit
- One (1) FOH Catwalk
- One (1) each in large dressing rooms 171 and 173 with Clear-Com PL pro KB-211GM Speaker Station

NOTES: MAXIMUM 90dB VOLUME LIMIT. Ardrey Management reserves the exclusive right to determine acceptable sound pressure and audio volume throughout the venue for all amplified performances. Without exception, measurable dBSPL may not exceed 90 C weighted on any occasion. However, final judgment and decision by Ardrey representative shall be called by ear, which shall override all metered data. When requested, artist’s representative or sound engineer agrees to adjust sound levels immediately and in accordance with notice by producer’s representative. It has been well established that when the dBSPL exceeds acceptable level, resulting distortion, patron discomfort and dissatisfaction generates audience complaints, walkouts, and requests for ticket refunds. The permanent house mix position is located rear center of the house and may not be relocated under any circumstances.
MISCELLANEOUS EQUIPMENT

Chairs: Wenger - grey, padded, straight back
- 84 medium
- 5 larger
- 9 small

Music Stands: 75 Manhasset M48 Symphony – black, metal; Ardrey does not have a conductor’s music stand

Stand Lights: 61 wired incandescent. Must be arranged for in advance with the Technical Director

Conductor Podium: 1 – 3’ x 3’ x 6” carpeted

Platforms:
- 16 – 4’ x 8’ Wenger Versalite Platforms
- 2 – 4’ x 4’ Wenger Versalite Platforms
- 4 – 4’ x 8’ x 8” Wenger Platform (poor condition)
- 5 – 4’ x 8’ x 16” Wenger Platform (poor condition)
- 5 – 4’ x 8’ x 24” Wenger Platform (poor condition)
- 68 – 8” Legs
- 50 – 16” Legs
- 45 – 24” Legs
- 40 – 32” Legs
- 12 – 48” legs
- 15 – 56” legs
- 6 – 60” legs
- 44 – couplers (to combine leg sizes)

Ladders
- One (1) Genie Lift
- One (1) 6’ Step Ladder
- One (1) 8’ Step Ladder
- One (1) 16’ Step Ladder

Note: Only staff approved by the Technical Director may operate the Genie Personnel Lift. All four (4) outriggers must be in operation at all times while in use.

Acoustical Shells
- 8 Wenger Legacy Classic Recital Shells
- 5 sets of Wenger Orchestra Towers and Canopies configurable in 2, 3, 4, and 5 sets
- 1st set of Orchestra Towers and Canopies can be left out to accommodate use of the Grand Curtain, DS Traveler, projection screen, scrim, etc. (line sets 1-9)
- The Towers are steel framed molded fiberglass, painted white, and 2,500 square feet. The performers can access the stage via 4 doors at Stage Right and Left.

Dance Floor: A 60’ x 42’ black dance floor is available.

Lecterns: One (1) NAU logo wood finish
Tables
- Twelve (12) 3’ x 6’ plastic folding tables
- 4 – Blue table clothes

Piano:
- 2 – Steinway 9’ Model D Concert Grand
- 1 – Austin Rank Organ
- All piano tunings must be performed by the School of Music piano tuner. Please notify the Technical Director at least two (2) weeks prior to performance to schedule.
- The lids for all instruments housed in Ardrey cannot be removed except by the School of Music piano tuner. Please notify the Technical Director at least two (2) weeks prior to performance to schedule.

Choral Risers: Seven (7) Wenger 4 Step Choral Risers

Film, Video, and Projection equipment
- One (1) Christie LX1200
- One (1) Hanging Screen 24’ wide and can be formatted for 4:3 (18’ tall) or 16:9 (13’6””) (Front projection only)
- One laptop computer w/ Blur-ay capabilities for video and Powerpoint playback
- Computer connection made via VGA through VGA to Cat5 adapter
- Computer to projector connection stage right
- Ardrey does not currently have the capability to accommodate a HDMI connection
- One (1) wifi USB clicker for remote control of Powerpoint slideshows
- Two (2) Apple Mini DVI to VGA adapters
MUSIC/SOUND RETAIL
Arizona Music Pro
122 Historic US 66
Flagstaff, AZ 86001
928-556-9054

RENTAL
Chinchilla Productions Clearwing Productions Peaks Audio
5714 E. Marconi 5640 S. 40th Street 3 N. Leroux Street #205
Scottsdale, AZ 85254 Phoenix, AZ 85040 Flagstaff, AZ 86001
602-441-4452 602-850-6333 928-699-7905

Precise Corporate Staging Pro Production Services Sound Image
1530 W 10th Place 3532 E. Elwood Street 1545 W University Dr.
Tempe, AZ 85281 Phoenix, AZ 85040 Tempe, AZ 85281
408-759-9700 602-437-0221 480-483-6422

EMERGENCIES NUMBERS
On Campus Emergencies 3-3000
City of Flagstaff 911
NAU Police Department 928-523-3611
NAU Fire Marshall 928-523-1873
Flagstaff Police Department 928-779-3646
Flagstaff Fire Department 928-779-2500
Coconino County Sheriff 928-774-4523
Flagstaff Medical Center 928-779-3366
Rescue Squad 928-773-2145

MOUNTAIN STANDARD TIME ZONE
Most of Arizona including Flagstaff does not observe daylight savings time. During the summer, Flagstaff time is the same as California.

ELEVATION & CLIMATE
Flagstaff has an elevation of 7,000 ft. Performers (especially dancers) may need extra oxygen. If needed, please contact Ardrey Technical Director prior to arrival. In the summer temperature ranges from highs of 70-80s degrees to lows of 35 to 50 degrees. Heavy rain storms are common July - September. In the winter, snow may accumulate to three (3) or four (4) feet and the temperature can drop below zero. During heavy snow and ice, chains or studded tires are required.
DIRECTIONS

SOUTHBOUND HIGHWAY 89

HWY 89 will turn into ROUTE 66. Stay on ROUTE 66 through downtown Flagstaff. ROUTE 66 will become Milton as you bear left and pass under Rail Road overpass. Continue South on Milton to the fifth traffic signal (University Drive) and turn left. Follow University to Knoles Drive and turn left. Follow Knoles Drive to Riordan Road and turn left. Loading dock will be on the right.

EASTBOUND INTERSTATE 40

Stay on I-40 until EXIT 195 toward HWY 89A North and exit. You are now on Milton. Continue north on Milton to University Drive (approximately 1/4 mile) and turn right. Follow University Drive to Knoles Drive and turn left. Follow Knoles Drive to Riordan Road and turn left. Loading dock will be on the right.

WESTBOUND INTERSTATE 40

Stay on I-40 until EXIT 195 toward HWY 89A North and exit. (Move left one lane at bottom of exit to avoid exiting to south NAU campus) You are now on Milton. Continue north on Milton to University Drive (approximately 1/4 mile) and turn right. Follow University Drive to Knoles Drive and turn left. Follow Knoles Drive to Riordan Road and turn left. Loading dock will be on the right.

NORTHBOUND INTERSTATE 17

I-17 northbound becomes Milton as you enter Flagstaff. At University Drive (approximately 1/4 mile) and turn right. Follow University Drive to Knoles Drive and turn left. Follow Knoles Drive to Riordan Road and turn left. Loading dock will be on the right.

PARKING

TRUCKS: The loading dock can be used to load and unload trucks.

BUSES: Buses will have to unload and load on south side of theatre and park in available areas, as directed upon arrival.

CARS: Parking is available in Lot P13 on the north side of the facility (no permit required after 4:30pm) or in the Aspen Parking Garage (hourly/daily fee).

FOOD SERVICE

Northern Arizona Sodexho Food Service has an exclusive contract for food service on the Flagstaff campus. Planners of events held on campus where food will be served must contract with NAU Campus Dining to provide the food.
Ashurst Auditorium

Ashurst Auditorium is one of the oldest performance venues on NAU’s campus, built into an addition to NAU's "Old Main" which was originally constructed in 1899. This smaller hall has a maximum capacity of 300 and plays host to many student and university functions as well as corporate events, state functions and even weddings! Perfect for banquets, corporate meetings, or chamber performances, this venue adds a bit of history to whatever event you’re planning to hold.

Seating: Ashurst has an open floor and is equipped for multiple seating configurations
- Recital/Lecture: 300
- Banquet: 200

House
- Width: 60.5’
- Depth: 66’ 4”

Stage Dimensions
- Proscenium: 16’ 4” wide, 27’ 9” high