



Technical Specifications

Current: May 15, 2009

Peter Kiewit Concert Hall

Seating Capacities

Orchestra	736
Orchestra Circle	324
Orchestra Boxes	24
First Tier	280
First Tier Boxes	32
Second Tier	570
Second Tier Boxes	32
TOTAL	1,998

(Orchestra sound mix kill -23)

Stage

Dimensions

Downstage – 64'
Upstage Wall – 48'
Depth – 48'

Entrances

2 – Down Stage Left and Right
2 – Center Stage Left and Right
2 – Up Stage Left and Right

Lifts

Access directly from loading docks to stage lifts
1 – Piano lift, down stage center
2 – Equipment lifts, upstage third of stage flooring; 42,000 lbs. each

Dressing Rooms

1 – Conductor's Suite
4 – Guest Artist Suites, capacity 2
2 – Ensemble dressing rooms, capacity 6-8
1 – Musicians Gathering Room, capacity 100
Women's and Men's lockers and showers, adjacent

Lighting

Dimmers

228 - ETC Sensor 2.4K

House Control Board

ETC Congo

Front of House Instruments, Ceiling Cove

6 - ETC Source-4, 5°
28 - ETC Source-4, 10°

Stage Instruments

52 – Vara*Lite VL1000
22 - ETC Source-4, 36°

Cove Instruments, Stage Left and Right

22 - ETC Source-4, 19°
22 - ETC Source-4, 26°

Follow Spotlights, Attic Booth

2 – Strong Supertrouper, 2K

Sound

Mixing Consoles

Soundcraft MH-3, 48 channels stereo
Yamaha M7CL 48 Channel stereo

Microphone Inventory

4 - Shure ULXP mixed combo 2-channel wireless microphone system
8 - Shure WL-185 cardioid lavalier microphone for wireless packs
12 - DPA-4060 capsules
3 - DPA – 4066 (2) Flesh, (1) Black
2 - Nuemann KMS105
2 - Sennheiser 421
4 - Shure SM-57 LC instrument microphones
4 - Shure KSM32 large diaphragm condenser microphones
1 - Rode small diaphragm condenser mics (matched pair)
4 – Shure Beta 87C wired condenser vocal mics
1 matched pair - AKG C414 B-XLS/St large-diaphragm microphones
6 - Shure SM58 LC wired microphones
4 - Shure Beta SM98
12 - Shure SM58
12 - Shure SM57
1 - Shure Beta 91 for kick drum
Shure drum mic package (3 Beta 57 + one 52)
4 - Pro Co direct box
4 – Countryman direct box
2 – Radial AV direct box

Speakers

EAW-760 Line Array (flown, center cluster)
JBL VRX Line Array System (ground stackable
stage left & right for stereo)

- 4 – 1-18” sub woofers
- 6 – Line array high packs
- 10 – Powered high packs w/rigging
- 4 - Powered 1-18” sub woofers

CX404
CX204V
CX604V
CX302

Amplifiers (Concert Hall)

QSC PL236A
PLX2402
CX702

Suzanne and Walter Scott Recital Hall

Black Box Performance Space

Seating Capacities

Theater style 350*
Seated at 60” rounds 250*

*depending on configuration

Floor

Dimensions

63’ x 80’

Entrances

- 3 – West Wall, primary audience entrance
- 2 – North Wall
- 1 – Northeast corridor
- 1 – Southeast corridor

Dressing Rooms

- 1 – Green Room
- Adjacent to Concert Hall:
- 4 – Guest Artist Suites, capacity 2
 - 2 – Ensemble dressing rooms, capacity 6-8
 - 1 – Musicians Gathering Room, capacity 100
Women’s and Men’s lockers and
showers, adjacent

Lighting

Control

ETC Congo

Dimming

3 - ETC Sensor Racks, 96-way

Ceiling Instruments

6 - ETC Source 4, 26°
24 - ETC Source 4, 36°
6 - ETC Source 4, 50°
24 - ETC Source 4, Par Lights

Sound

Mixing Console

Soundcraft GB8 32 Channel

Speakers

JBL VRX Line Array System

Microphone Inventory

See Kiewit Concert Hall inventory

Amplifiers

QSC RMX 4050HD

Holland Performing Arts Center Equipment & Audio Level Restrictions

Peter Kiewit Concert Hall – Acoustic Environment

The Peter Kiewit Concert Hall is a truly unique acoustic environment. With an acoustic quietness rating of 15, the room is isolated from the outside world by massive wall and ceiling structures; audible distractions such as buzzing lights, squeaking doors, bumping seats, and air circulation noises are eliminated. The space is engineered to project natural, non-amplified sound from the stage to listeners in every corner of the room. Consequently, the Kiewit Concert Hall is extremely sensitive to any sound created within it.

Special care must be taken by performers in the room to:

- Protect the integrity of their artistic product
- Provide for the audience's optimum enjoyment
- Promote the reputation for fine acoustics of the Peter Kiewit Concert Hall

Equipment Restrictions

Equipment or instruments which produce an audible, non-musical sound by virtue of their operation are not permitted in the Kiewit Concert Hall or backstage areas (within the acoustic isolation zone). This includes, but is not limited to:

- Buzzing or hissing amplifiers
- Certain types of video screens and projectors
- Certain types of external power sources

Audio Level Restrictions

Though reverberation time within the hall can be varied through adjustment of the acoustic banner system, **amplified performances very easily become over-amplified** in the Kiewit Concert Hall.

- **The Holland Center's resident sound technician has final authority to require lower overall dynamic levels to provide the best listening experience for Kiewit Concert Hall audiences.**
- Balance issues within an ensemble remain the responsibility of the artist(s) and/or guest sound technician.

These restrictions must be communicated by Licensee to road managers and/or technical directors prior to load-in.

Holland Performing Arts Center

House Regulations

1. **Food and drinks** are not permitted anywhere on stage or in the house unless required by script or contract. Food and drinks are permitted in dressing rooms, uncarpeted hallways and lobbies. **Smoking is not permitted anywhere** inside the Holland Performing Arts Center.
2. **Possession or use of alcohol or any narcotic or stimulating drug** is not permitted on Holland Center property. Alcoholic beverages sold or supplied by the holder of the venue's liquor license (Guckenheimer) shall be allowed.
3. **Supervision of dressing rooms** is the responsibility of the licensing organization, before, during and after rehearsals and performances. Licensee agrees to enforce Omaha Performing Arts policies and house regulations. The Licensee is responsible for the property of its performers, crew and agents during the period of licensed use.
4. **Children are not allowed backstage** or in the dressing room area for safety reasons. Only children who are part of the production are permitted backstage and they must be under adult supervision at all times.
5. **Lobbies and house balconies** are closed during rehearsals. Cast members are permitted only in licensed areas during rehearsals: stage, dressing rooms and the pathways directly between.
6. **Omaha Performing Arts retains control of the management of the Venue** and the enforcement of Omaha Performing Arts policies. Only Venue-approved personnel may operate stage equipment, the elevators, sound and lighting systems. Conditions of stage crew employment, wages and Extra Help Stagehand quotas are regulated through an agreement between Omaha Performing Arts and IATSE Local 42.
7. **Stage equipment** may not be moved or taken down, electrical connections for lights or sound may not be changed, and appliances may not be installed without consent of the Production Manager.
8. **Walls, draperies, woodwork, furniture and upholstery of the Venue may not be nailed, taped, glued, or pinned** in any way. This includes **taped-up signage** in all areas of:
 - Stage
 - Dressing rooms
 - House
 - Lobbies
9. **Floors** – under no circumstances shall any table, chair, road case, display, or other fixture or device be dragged across the floors or surfaces of the stage and/or lobbies. Repair costs shall be charged to the Licensee.
10. **Scenery and properties must be fireproofed** before being brought into the Holland Center. Open flames must be properly shielded. Scenery must pass the open match test as set forth in the Omaha Fire Code.
11. **Helium-filled balloons** or objects are not permitted inside the Kiewit Concert Hall. A \$25 charge shall apply for retrieval of each helium-filled balloon in the Scott Recital Hall and Holland Center lobbies.
12. **Unusual electric connections or any unusual staging effects** such as water effects are permitted in connection with a performance only with prior approval of the Production Manager. **Open flame and pyrotechnics are not permitted** anywhere on Holland Center property.
13. **Guests** are not permitted backstage unless arrangements are made in advance with the house Production Manager. Names must be provided in writing to the stage door/dressing room security guard(s).
14. **Venue Management and Security personnel** are on duty at all times while cast and crew members are in the Holland Center.
15. **Backstage Parking** at the Dodge Street loading dock or its approach lanes is limited to vehicles authorized by Production Manager.
16. **Entrance and exit for all cast and crew** is through the stage door located on the north side (Dodge Street) of the facility. **Exit from the Holland Center by other than the Stage Door may result in lockout**; all doors are secured during rehearsals and performances.
17. **Backstage doors** are not opened prior to stage call for cast and crew unless prior arrangements are made with the Production Manager.