

IVES STUDIO THEATER

Facility Information



THE REIF



Updated 5/12/22

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Community Information:

Information on area dining, lodging, and other attractions at www.visitgrandrapids.com.

DESCRIPTION AND LOCATION

The Reif Performing Arts Center contains the 692 seat Wilcox Theater and the 202 seat Ives Studio Theater and three dance studios. It is home to the Grand Rapids Players, Itasca Orchestra and Strings Program, Reif Dance, and numerous events for the Grand Rapids High School. We are located just off Hwy 38 North in Grand Rapids, Minnesota. The Reif is attached to the west end of Grand Rapids High School.



Parking:

Production vehicles can remain parked at loading dock or in the adjacent parking lot. No permits are required. A 50 amp NEMA 14-50 125/250 volt outlet is available for shore power. A 50' extension is available.

Loading Dock:



Loading Dock and approach

The loading dock is accessed from the adjacent parking lot and loads into the scene shop. Storage for cases can be arranged in the scene shop.

- Located on the US side of the Ives Studio, through the Scene Shop
- It has a straight line approach from adjoining parking lot at a 6.5% grade

- Only one vehicle can unload at a time
- Loading dock height is 50 inches.
- Built in hydraulic dock lift adjusts for truck bed height or allows ground level loading
- Adjacent door leads to Scene Shop by a short flight of stairs.
- Loading Door Clearance: 8' wide x 9' 9" tall
- Hydraulic Dock Dimensions: 6' x 8' (without railings)
- Distance from Ives Studio: 20'
- Double doors between Scene Shop and Ives Studio, 94" tall x 89" wide



Lift lowered for ground level load-in. Railings are removable.

IVES STUDIO

PERFORMING SPACE INFORMATION

House:

Continental Seating Arrangement with Entrance House Left and Emergency Exit House Right.

180 Permanent Seats

22 Removable chairs in front row

202 Total Seats

Seating is retractable and will collapse to a depth of 6' from the wall.



Ives Studio Seating

Stage:

Black Box with Lighting Grid and Flexible Soft Goods

Width: 46' 8" from wall to wall

Depth: 24' from Front Playing Edge (US side of Vestibule Entrance) to the US Traveler

Lighting Grid Height: 20' 6" from stage floor

Front Curtains Typically Set at 32' 8" width

Wing Space depends on setting of flexible soft goods. Generally, very tight space of 2'-3' and poor sightline coverage

Crossover space of 3' US of the Traveler and Cyc

Stage Floor:

- Floor is Hardboard, painted black, laid over sleepers suitable for dance
- Only theatrically approved gaff, glow, or spike tape may be used to mark floor

*Note - The Reif Center has a Marley floor available for use.



Ives Studio Stage – Note Curtains used as Legs or turned to run US-DS

Stage Crew:

The Reif Center Stage/Technical crew is comprised of regular part-time staff along with local high school students and community members.

Theater/House Regulations:

Due to the fact that the Reif Center is on local school district property, and is physically a part of the Grand Rapids High School, there are some regulations that we ask all event personnel to follow:

- The Reif Center is a clean air & tobacco free area. No smoking is allowed.
- No alcohol is allowed in the facility or on site
- No firearms allowed in the facility or on site
- No food or beverages are allowed in theater or house (water allowed for performers on stage in approved water bottles)

Dressing Rooms:

- Ives Studio Green Room with Restroom located adjacent to the stage, entrance USR
- Additional dressing rooms are located Stage Right of the Wilcox Theater
- Two group/chorus style rooms, one each designated Men's/Women's, can handle 8 - 10 performers
- Each group dressing room contains: sink, counter, mirror, showers, toilets and costume racks
- Separate make-up counters w/mirrors & lights (20 stations) just outside group dressing rooms
- Two VIP dressing rooms with shared bathroom. Bathroom has sink, toilet, and handicapped-accessible shower
- Wilcox Theater Green Room with 2 make-up stations, sink, dining table, couch, and chair
- Rolling costume racks available.

Fire & Special Effects Regulations:

- Fire sensors are heat-activated. Facility is rigged with sprinklers.
- No open flame is allowed in theater, scene shop, or make-up areas.
- All special effects are to be cleared with Reif Center TD at least 7-10 days prior to event, including smoke/fog, flash/smoke pot, strobe lights, or other controlled devices.
- Drops and other theatrical materials are to be flame-treated.



Ives Studio Greenroom. Entrance to stage at upper right.



Wilcox Theater Makeup area, VIP rooms are in the background.



Wilcox Theater Women's Group/Choral Dressing Room



Wilcox Theater Green Room

IVES STUDIO

PERFORMING SPACE EQUIPMENT

Rigging:

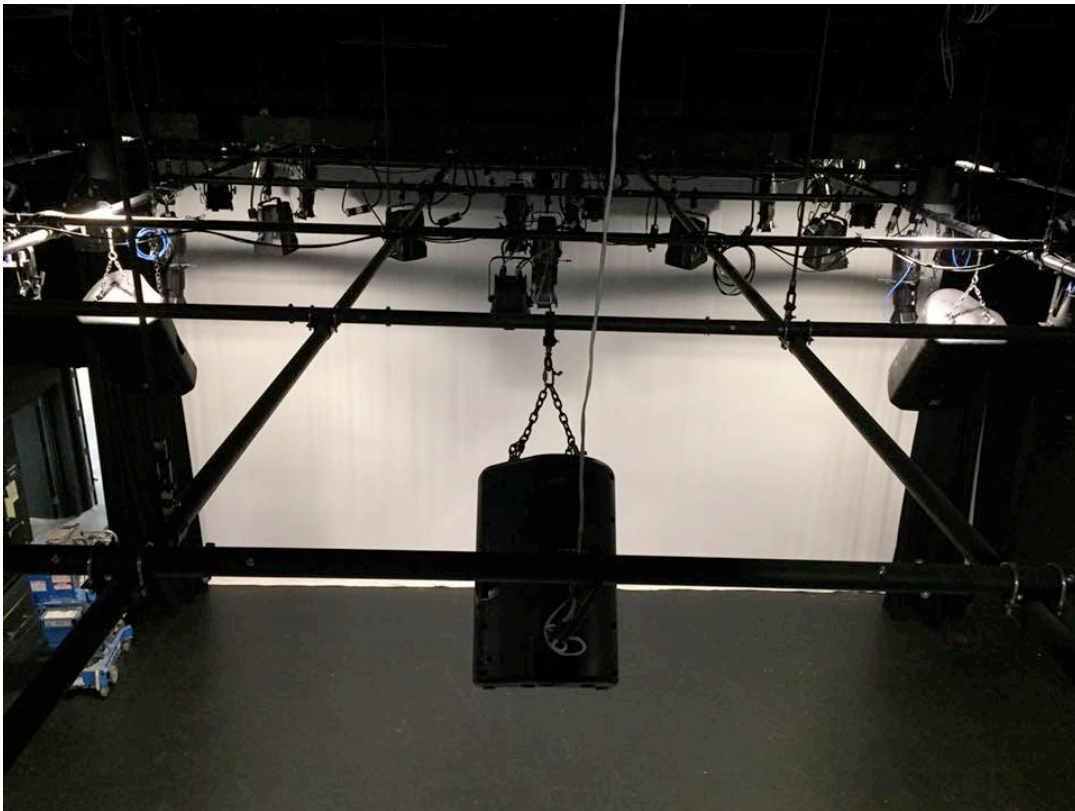
- Fixed Lighting Grid
- 20' 6" height above deck
- Pipes run SR/SL and US/DS forming a 5' Grid
- Grid is only accessible with onsite Genie Lift
- 5 pairs of Legs travel on a track 3' 10" from each wall and have full rotation
 - Track continues behind Cyc so all legs can store against the US wall
 - Traveler splits in middle, hand pull to open and close
 - Cyc is on a track and can move completely to SR or SL, hand pull

Production Communication:

- Due to intimacy of the space we generally do not use production communication
- Motorola Walkie Talkies with 2-way radio headsets are available

Lighting Control:

- ETC Element
- 90 2.4k dimmers in three Intelligent Raceways
- ETC Net3 DMX Distribution



Ives Studio Lighting Grid

Electrics & Hanging Positions:

- There are 90 20 amp circuits available
- All plugs/connectors are 3-pin twist-lock, NEMA L5-20
- Catwalk FOH over seating
 - Hang position is 13' from Front Playing Edge, 20' 6" above deck

DMX Locations:

Deck – USL, USR, DSR and DSL
 Pipe Grid – USL, USR, DSR and DSL
 Catwalk – 1 each Right and Left

DMX Controlled Relay Locations:

97-110 – FOH Catwalk

Circuit Locations:

269-290 – FOH Catwalk
 231-268 – DS Pipe Grid
 201-230 – US Pipe Grid



Typical ETC Net3 DMX Out

Ives Studio Theater Lighting Inventory:

- 12 - ETC Source 4 6" Ellipsoidal 26* 575 HPL
- 24 - ETC Source 4 6" Ellipsoidal 36* 575 HPL
- 6 - ETC Source 4 6" Ellipsoidal 50* 575 HPL
- 20 - ETC Source 4 Pars Various 575 HPL
- 12 - ETC Color Source Pars Various LED
- 5 - Altman 3 ct Zip Strips ---
- 2 - Rosco I-Cue
- 2 - Rosco DMX Iris

Wilcox Theater Lighting Inventory:

- 21 - ETC Source 4 6" Ellipsoidal 19* 575 HPL
- 40 - ETC Source 4 6" Ellipsoidal 26* 575 HPL
- 40 - ETC Source 4 6" Ellipsoidal 36* 575 HPL
- 10 - ETC Source 4 6" Ellipsoidal 50* 575 HPL
- 20 - ETC Source 4 Pars Various 575 HPL
- 24 - ETC Color Source Pars Various LED
- 16 - ETC Source 4 Fresnel Various 575 HPL
- 30 - Altman 6" Fresnel --- 750 watt BTN
- 15 - EC6" Fresnel --- 750 watt BTN
- 9 - Leviton 6" Fresnel --- 1000 watt EGT
- 5 - Altman 4 Cell Sky Cyc --- 1200 watt
- 2 - Strong Pharus Follow spot
- 6 - Rosco I-Cue
- 2 - Rosco DMX Iris

Limited crossover of inventory between theaters may be possible, but often both spaces are in use at the same time. Check with Reif Center Technical Director.

Additional Lighting Inventory:

- 6 - GAM Film F/X
- 6 - Apollo Smart Move
- 2 - ETC50-degree lens barrels
- 1 - ETC26-degree lens barrels
- 8 - Striplights - 6' long - 4 circuit RBGA Rondels --- 300 watt
- 2 - Wildfire Effects Master VHO (Black Light)
- 1 - Martin Atomic Strobe
- 25 - Altman 6" 4-way barndoors
- 10 - Altman 6" Tophats
- 25 - ETC Pattern Holders (Size B)
- 12 - 18" Side Arms
- 10 - 10' Booms w/ bases

Sound:

- Board Located in Enclosed Tech Mezzanine House Left with opening to House
 - 16 inputs on 30' snake on SR
 - Up to 4 monitor mixes

House Mixing Board:

- Allen & Heath Qu 16

Speakers:

- 2 Electro Voice ZX5-60 located on Pipe Grid Left and Right
- 1 QSC GP218-sw located on FOH Catwalk
- 1 Electro Voice ZX5-90 located on Pipe Grid as Stage Monitor
- 8 Electro-Voice TX1122FM Stage Monitors
- 2 JBL MP415 Stage Monitors

Playback/Record Equipment:

- 1 Marantz PMD 321 - Single disc CD Player

Microphones/Stands:

- 4 - Shure Beta 58
- 8 - Shure Beta 57
- 4 - Crown PCC 160 Boundary units
- 12 - Shure ULXP4 wireless microphones
- 8 - Shure ULXD4 wireless microphones

- 20 Countryman Isomax H6 Earsets
- 6 Countryman Isomax E6 Earsets
- 6 Shure Beta 87A handheld wireless mics
- 6 lavalier mics
- 4 - Shure SM 81
- 2 - Shure Beta 52A
- 4 - Shure Beta 98/S
- 6 - Behringer Ultra DI
- 6 - Tall Round Base Microphone Stands with Boom Arms
- 7 - Tall Tripod Microphone Stands with Boom Arms
- 5 - Short Tripod Microphone Stands with Boom Arms
- 6 - Atlas table top mike stands
- 7 - Ultimate Support GS-200 Guitar Stands

Projections:

- Screen Location - hung on pipe grid just in front of the Traveler
- Matte white surface - 18' wide x 10' high
- Remotely controlled from stage or Tech Mezzanine
- NEC PA653U Projector (6500 lumens) Mounted on Back Wall of the House
 - NEC NP14ZL Zoom Lens 2.96:1-4.73:1

Additional Projectors Available:

- Panasonic DLP PT-D5500U (5000 lumens)
 - DLP Projection Zoom Lens XGA: 2.5-4.0
 - Previous projector from Wilcox Theater
- Sanyo PLC-900NA (2100 lumens)
 - Standard Zoom Lens 1.30:1
 - Primary use is for short throw projection

Acoustical Shell:

- 13 Wenger Legacy Towers
 - castored units stored adjacent to the Wilcox Theater
 - 6' x 13'11" (canopy at 45 degrees) to 15' (canopy at 90 degrees)
 - Canopy locks at 45, 60, 75, and 90 degrees

Choral Risers:

- 10 Wenger 3-step Signature Choral Risers with Back Rail
 - curved or straight set up possible
 - surface is carpeted - grey

Band Risers:

- 4' x 8' units – painted black surface w/ folding legs
 - 7 - 8" high

- 7 - 16" high
- 17 - 24" high
- 2 - 32" high
- 3 stair units for risers
- 1 conductor's podium/platform

Music Stands:

- 100 - Manhasset and Wenger Music Stands on rolling racks
- 20 - Music Stand Lights (40 watt)

Pianos:

- 1 - 9' Black Steinway Grand Piano w/ concert bench (stored adjacent to the Wilcox Theater)
- 1 - 6' Black Steinway Baby Grand Piano w/ concert bench (Lobby, can be moved to either theater)
- 1 - 7' Black Baldwin Grand Piano w/ concert bench (High School Choir Room, has to be disassembled to move through standard sized doors to reach either stage)
- 1 - 4' Black upright console piano w/ bench (stored adjacent to the Wilcox Theater)
- 2 - Additional upright pianos in Dance Studios, check for availability

Dance Floor:

- 1 - Harlequin Cascade (semi-permanently installed in a dance studio)
 - 4 rolls - 52' x 6'6"
 - 2 rolls - cut to fit apron
- 1 - Harlequin Cascade (on semi-permanent loan from Sewell Ballet, check for availability)
 - 5 rolls - 42' x 5'

DANCE STUDIOS AND THEATER CLASSROOM

Three dance studios and a theater classroom on site, check with Reif Center TD for availability.

- All floors are suspended
- All studios have Marley surface.
- All dance studios have one mirrored wall
- No food or beverages are allowed in studio
- Sound system available in all studios