TECHNICAL SPECS & INFORMATION
Visual and Performing Arts
Rozsa Center for the Performing Arts
Tel. 906-487-1883
General Information

Shipping Address
VPA Rozsa Center for the Performing Arts
Michigan Technological University
1400 Townsend Drive
Rozsa 105
Houghton, Michigan, 49931

Technical Services
George Hommowun
Production Manager
gdhommow@mtu.edu
O: 906-487-1883
C: 616-780-5776

Denny McKaig
Audio Production
dmmckaig@mtu.edu
O: 906-487-4382

Rentals
Kari Price
Rentals Coordinator
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O: 906-487-2390

Programming
Mary Muncil Jennings
Director
maryje@mtu.edu
O: 906-487-2856

Marketing
Bethany Jones
Marketing Director
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Ticketing
Ashley DeVoge
Manager Central Ticketing Operations
devoge@mtu.edu
O: 906-487-2073

Hospitality
Mary Ann Struthers
Administrative Aide
mastruth@mtu.edu
O: 906-487-2858

Travel Directions

From US-41
When arriving from the southeast end of Houghton:
• The Portage Lake Golf Course is on your left, and Portage Lake is on the right, as you arrive in Houghton. • Take the first right as you approach the MTU campus, and turn left into the Rozsa Center Parking Lot #8.

From M-26
When arriving from the southwest end of Houghton:
• Drive down the Copper Country Mall hill, which is M-26, and head toward the Portage Lake Lift Bridge.
• Stay in the right lane and follow the signs for US-41 South.
• Follow US-41 through Houghton. US-41 heads east along Montezuma Avenue, College Avenue, and then turns into Townsend Drive.
• As you pass through the MTU campus, the Rozsa Center will be on your left. • Turn left after passing the Rozsa Center and then left again into the Parking Lot #8.

Parking
Bus and truck parking is available in Parking Lot # 8, which is located off of Cliff Dr. on the south side of the road. Please contact the Production Manager with the number and types of vehicles before arrival.

Time Zone
EST-Eastern Standard Time
Load-in Area

Loading Dock 1 (Primary Dock)

Door - 10’ 2” Wide x 14’ 1” Tall
*Equipped with a lift platform – 7’8” Wide x 12’ 4” Long

Loading Dock 2

Door - 10’ 2” Wide x 14’ 1” Tall *Use of this door will need to be worked out 2-4 weeks in advance.

Note: Docks are at ground level, all loading and unloading must be done via ramps, to be provided by the tour.

Stage Door

Stage doors from loading dock - 9’11” Wide x 14’ Tall

NO SHORE POWER AVAILABLE AT THIS TIME.
Carpentry

Seating Capacities

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Orchestra Pit</td>
<td>62</td>
</tr>
<tr>
<td>Orchestra</td>
<td>497 + 6 wheelchair</td>
</tr>
<tr>
<td>Tier</td>
<td>503 + 4 wheelchair</td>
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<tr>
<td>Total</td>
<td>1062 + 10 wheelchair</td>
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</table>

Stage Dimensions

Stage Floor: Masonite painted black in gently used condition
Proscenium width: 39’ (theater mode)
Proscenium Height: 30’
Height to Cloud: 24’
Height to sound cluster: 19’ 5”
Height stage floor to seating floor: 3’ 5”
Plaster line to back wall: 33’
Apron - Plaster line to Pit: 7’
Pit Depth: 12’ 10”
Wing Space from Centerline: 40’ SR, 53’ SL
Grid Height: 65’ from Deck to Steel

Orchestra Pit: spiral lift
Height: 13’ 6”
Width: 49’ 5”
Depth: 12’ 10”
Depth at Orchestra Level: 23’ 3”

Soft Goods

House Curtain: Purple velour located 1’6” from proscenium. Guillotine or Fly.
Legs: 6 sets, black, flat. 16’w x 30’
Borders: 4 sets black, flat, 57’w x 10’
Traveler: 2 sets, Black 57’w x 24’ with fullness, pulley SR
Scrim: 1 Black 60’w x 30’, some damage to pipe pocket
Cyclorama: 1– seamless filled scrim, natural, 60’w x 30’
1 – seamless muslin, blue. 60w x 30’

Backline

9 sections StageRight orchestra shell, 6’ wide x 12’ tall, eggshell
Wenger Versalite Platforms – leg heights from 8” to 48”
15 @ 4’ x 8’ Decks
12 @ wedge decks for orchestra setups
9 sections 4-step StageRight Alla Breve Choral Risers
Orchestra Chairs: 114 Gray Wenger orchestra chairs, 8 cello chairs
Music Stands: 69 – Mixed Manhasset and Wenger
Lecterns: 2 Speakers Choice, light oak veneer finish
Dance Floor: 6 sections of Rosco Dance Floor, 63” x 43’
1 Fender Twin Reverb
2 Bass Rigs: GK-800RB heads, with Eden Electronics 1x15 and 4x10 cabinets
1 Pearl Maple Custom Drum Kit, Rack-style stand: 22” kick; 16” floor; 10, 12, & 14” toms, snare
Collection of Zildjian cymbals
1 Johannus Monarcke Organ

Fly Rail

Located Stage Right. 26 lines available for scenery, some obstructions due to proximity of 3rd electric.
Sound Control

Yamaha CL5 Mixing Console - FOH
Midas M-32 Mixing Console – Monitors / backup
Midas M-32 Mixing Console – Recording Studio
Midas Pro2-C – Monitors and McArdle Theater
Collection of Analog Consoles is available upon request

Installed Speakers and Amps

Proscenium System (one speaker per side)
  Standard Configuration: JBL CBT100’s, with Custom Subs, P1200A Amplifiers
  Tier: D&B Audioteknic C4, P1200A Amplifier, D&B Audioteknic C4 Sub, P1200A Amplifier

Center Cluster
  Orchestra: (2) D&B Audotechnik C6, P1200A Amplifier
  Tier: (2) D&B Audotechnik C4 Tops, P1200A Amplifier

Portable Speakers
  10 EV T221M Monitor Wedges
  4 MacPherson M12BP monitor wedges
  1 EAW SM5001V Drum Monitor
  2 Meyers UPM-2P Powered Speakers
  2 EAW KF695
  2 EAW KF640

Microphones
  7 Shure Beta57
  6 Shure Beta58A
  4 Shure SM57
  3 Shure SM58
  4 Shure Beta87A
  1 Shure Beta52A
  2 Shure SM81-LC
  1 AKG C414B-xls
  2 AKG D224E
  1 AKG D112
  2 AT8533
  6 Crown PCC160
  2 Encore Blue100
  3 Encore Blue100i
  1 EV US890 Gooseneck Podium Mic
  2 Octava MC012
  4 Sennheiser E604
  2 Sennheiser E609
  1 Sennheiser E905
  2 Sennheiser MD421

Wireless Microphones
  1 Sennheiser EM3032-U Dual Wireless system
  8 Sennheiser EWS500 Single Wireless system
    Handhelds and body backs available for each channel, various elements available
  8 Sennheiser EW500 Single Wireless Mic systems in portable racks

Wardrobe

Dressing Rooms
  2 Star dressing rooms, capacity 2 performers: 2 sinks, toilet, shower, 2 mirrors
  2 Chorus dressing rooms, capacity 15 each: 3 sinks, 3 stalls, 2 showers, mirrors for 15
All dressing rooms include stage monitoring via audio, and closed-circuit video

Wardrobe Room
  No specific room is designated. The choir room across from the chorus dressing rooms can be reserved and used for wardrobe with a 2 months reservation to displace academic classes
  Washers and dryers available in adjacent building
Lighting

Control
ETC Ion, 1x20 fader bank, generally operated from the center house control table

Electrics – All circuiting uses 20A Twist-lock connectors
FOH Catwalk 60’ from Proscenium, 27’ above deck. 30 circuits per side
There is no center hang position on the FOH catwalks.
2 Box Booms each side at 10’ and 20’ from Proscenium line, 15 circuits per boom
1st Electric, 3’-10”, 40 circuits
2nd Electric, 11’-5”, 24 circuits
3rd Electric, 18’-4”, 24 circuits
4th Electric, 23’-10”, 40 circuits
96 additional overhead circuits available via drop boxes

Instruments  Inventory is shared with the McArdle Theater. Check with the Production Manager for availability.
44 ETC S4-10  44 Selecon Pacific 26-50 zoom
20 ETC S4-19  6  Selecon Aurora 4-cell cyc lights
75 ETC S4-26  8  MR-16, 3-Circuit Zip Strips
65 ETC S4-36  8  VariLite VL2416 wash lights
40 ETC S4-Par  2  High End Systems Cyberlight Turbo
50 ETC S4-ParNel
Ample collection of cables, two-fers, adaptors, gels, frames, template holders, etc.

Specialty Equipment
2  Lycian SuperArc 400 Follow Spots
22  Choma-Q Mark II Color Scrollers
6  Wybron Forefunner Color Scrollers
4  Apollo Simple Spin Gobo Rotator
1  ReelFX DF-50 Hazer
1  Rosco 1500 Fog Machine
Large supply of Rosco and Lee Gels
Limited collection of Gobos

Rep Plot
4 FOH washes each using (10) S4-10
3 Back washes each using (20) S4-Pars and S4-Parnels
4 Side washes (2 from each side) each using combination of S4-19, S4-26, S4-36
4-Color Cyc Wash
40 Channels of Specials
Complete matching system of colors for the Orchestra Pit/Apron

Projection
Christie WX-10K-M Projector, 10,000lumens
Roland V-40HD Multi-Format Video switcher
Denon DBT-1712UD BluRay player
3 Sharp PG-D50X3D, DLP portable projectors, 5000lumens
2 Asus VS239H-P, 23” ISP LED Backlit confidence monitors.

Power
2  400A Disconnects: one USL, one USR
3  200A Disconnects: two USL, one USR
2  Lex DB100A Power Distro
## Hotels and Motels

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Address</th>
<th>Phone Number</th>
<th>City</th>
<th>State</th>
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<tbody>
<tr>
<td>Magnuson Franklin Square Inn</td>
<td>820 Shelden Ave</td>
<td>906-487-1700</td>
<td>Houghton</td>
<td>MI</td>
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<tr>
<td>Holiday Inn Express</td>
<td>1110 Century Way Houghton</td>
<td>906-482-1066</td>
<td>Houghton</td>
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<tr>
<td>Country Inn &amp; Suites</td>
<td>919 Razorback Drive Houghton</td>
<td>906-487-6700</td>
<td>Houghton</td>
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<tr>
<td>Ramada Inn - Waterfront</td>
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<td>906-482-8400</td>
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<tr>
<td>Magnuson Copper Crown</td>
<td>505 Second Street Houghton</td>
<td>906-289-4451</td>
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<tr>
<td>Julie’s Motor Inn</td>
<td>46995 US Highway 41 Houghton</td>
<td>906-482-5351</td>
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<tr>
<td>Quality Inn &amp; Suites</td>
<td>215 Shelden Ave Houghton</td>
<td>906-482-1400</td>
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<td>Super 8</td>
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<td>906-482-2240</td>
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<td>Fitzgerald’s Eagle River Inn</td>
<td>5033 Front Street Calumet</td>
<td>906-337-0050</td>
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<tr>
<td>AmericInn</td>
<td>56925 South 6th St Calumet</td>
<td>906-337-6463</td>
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<td>Arcadian Inn</td>
<td>51950 US Hwy 41 Calumet</td>
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<td>King Copper Motel</td>
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<td>Eagle River Inn</td>
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## Nearby Restaurants

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<tr>
<th>Restaurant</th>
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<tr>
<td>Suomi</td>
<td>54 Huron St</td>
<td>Houghton</td>
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<tr>
<td>Downtown 1.5miles West</td>
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<td>Ambassador</td>
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<td>Joey’s Seafood &amp; Grill</td>
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<tr>
<td>Rodeo Mexican Grill</td>
<td>200 Pearl St</td>
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<td>Bambu</td>
<td>1301 Ridge St</td>
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<td>Hunan Garden</td>
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<td>Jimmy Johns</td>
<td>811 Shelden Ave</td>
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<tr>
<td>Racers Burger Bistro</td>
<td>787 Market St,</td>
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<tr>
<td>Bonfire Steakhouse &amp; Grill</td>
<td>820 Sheldon Ave, 7th Floor</td>
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<tr>
<td>Downtown 1.5miles west</td>
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<tr>
<td>1 mile east</td>
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## Emergency Numbers

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<th>Service</th>
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<tr>
<td>Public Safety</td>
<td>206 MacInnes Drive</td>
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<tr>
<td>Fire</td>
<td>906-482-0009</td>
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<tr>
<td>Houghton Police</td>
<td>906-482-1700</td>
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<tr>
<td>Ambulance</td>
<td>906-482-0932</td>
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<tr>
<td>Emergency Room</td>
<td>Portage Health</td>
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<tr>
<td>Emergency Room</td>
<td>906-483-1000</td>
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<tr>
<td>Chiropractic Clinic</td>
<td>Keweenaw Chiropractic</td>
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<tr>
<td>Dental Clinic</td>
<td>Copper Country Family</td>
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<tr>
<td>500 Campus Drive</td>
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<td>906-553-2045</td>
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<td></td>
<td>301 W. Lakeshore Dr.</td>
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<tr>
<td></td>
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