



M E A N Y H A L L

for the performing arts

TECHNICAL INFORMATION

Mailing Address

Meany Hall University of Washington
Seattle, WA 98195-1150

(UPS, FedEx, Airborne, Most Major Freight Carriers.
For US Mail ONLY, add "Box 351150")

Contact Info

Managing Director: Rita Calabro	(206) 543-3212	rcalabro@uw.edu
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Stage Manager: Juniper Shuey	(206) 200-7230	juniper3@uw.edu
Lighting Supervisor: Brian Engel	(206) 685-3311	bengel5@uw.edu
Sound Engineer: Matt Stearns	(206) 851-9700	mattstea@uw.edu
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Backstage	(206) 543-7188
Meany Hall Administration	(206) 543-4882
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GENERAL STAGE INFO

NOTE: All measurements are from Plaster Line

Proscenium

- 26' High x 70' Wide (Hard wall reducer panels close down to 50')
- Minimum leg opening of 42' required for sightlines

Stage

- 58' deep from Plaster Line to back wall
- Center Line to SR lock rail 56'-6"
- Center Line to SL wall 60'-6"

Floor

- Varnished Maple, Sprung, Basket-weave construction
- Trapped area 40' wide x 8' deep starting 8'-8" US of Plaster Line
- 5'-6" Apron with 2 additional apron sections 5'-6" deep
- Orchestra Pit variable height from Stage level to -8'-10"
- 1 Portable, **Non-Rosin**, Harlequin, black dance floor - 8 panels 5'x60' each
- 1 Portable, **Rosin**, Harlequin, black dance floor - 8 panels 5'x60' each
- *NOTE: No screwing or lagging of any kind into stage floor*

Loading Dock

- 65' from rear of stage, 42" above street level
- Unimpeded rolling access from loading dock
- Loading door is 14'x14'

Seating Capacity

- Orchestra: 794 + 4 wheelchair spaces Balcony: 412
- If adding Rows AA/BB: Orchestra 841+4 Balcony: 412

Dressing Rooms

- 2 - 2 person located on stage level Stage Right.
- 2 - 40 person located on the lower level.
- Audio stage monitor and page mic to all dressing rooms
- 2 Single occupancy bathrooms available on stage level, additional bathrooms and showers available on the lower level.
- Household washer and dryer available on-site, Laundromats within walking distance.
- Green Room located off stage right, equipped with audio and video stage monitor and kitchenette
- Vending machines located on the lower level.

Orchestra Shell

- Adjustable fully enclosed shell, DS width 70', US width 44'
- Depth: Shell 1 – 15', Shell 2 – 31', Shell 3 – 45'

GENERAL STAGE INFO

Orchestra Equipment

- 85 Padded Chairs (Black)
- 58 Wenger Orchestra Chairs (Black)
- 95 Music stands
- 50 Manhasset Music stand lights
- 9' Steinway Model D grand concert piano
- 7' Steinway Model B grand concert piano

Fly System

- Single purchase arbor system, fly rail located SR
- 68 working line sets, 64 available (See Line set Schedule for details)
- Arbor capacity 1000 lbs., Weights are 23.5 lb. and 13 lb., 24,000 lbs. total
- Grid height 78'-6", Maximum batten height 73', Minimum 3'6"
- All Line sets are 80' long or extendable to 80', except for LS 2-5, which are 99'
- House Electrics 1st, 2nd, 3rd, 4th, 5th are 70' long - Electric Winch operated.

Cannot be substituted for scenic line set!

Main Curtain

- Curtain is a Red, motorized guillotine style curtain
- Curtain is operated from Stage Right
- Speed is adjustable from 5-60 seconds of travel time

Soft Goods Inventory

1 Pair	30' x 25'	Legs w/ Bottom Pipe (Typically used as the 1 st Legs)
1	12' x 80'	Border (Typically used as the 1 st Border)
1 Pair	30' x 21'	Legs w/ Bottom Pipe (Typically used as the 2 nd Legs)
4 Pair	30' x 17'	Legs
7	10' x 80'	Borders
1	30' x 80'	Blackout (2 panels) w/ Bottom Pipe
1	30' x 64'	Blackout (4 panels)
1	30' x 60'	Black Scrim
1	33' x 70'	White Scrim
1	30' x 58'-6"	Twin White Plastic CYC (Rear Projection Screen)
1	32' x 70'	Seamless Muslin CYC
1	35' x 52'	Grey Plastic CYC (Rear Projection Screen)
1	30' x 58'-6"	Grey Plastic CYC (Rear Projection Screen)

NOTE: The following are permanently hung and do not move

Grand Drape (Red)	LS# 5	30'x80'
Tapestries	LS# 33	8'x20'
Shell Ceilings 1 2 3	(See Line Set Schedule for details)	

GENERAL STAGE INFO

Risers

- 30- 1m x 2m Platforms (These are wood topped and painted black)
Height stops at 20cm, 40cm, 60cm, 80cm, 100cm.
- 2- stair units, 5-step (adjustable from 60cm 100cm.)
- 2- stair units, 2- step.
- 11- choral risers, 3 step, standing, Wenger.

Lifts and Ladders

- 1 — 40' Genie Lift
- 1 — 21' A-Frame ladder with 15' extension
- 1 — 12' A-frame ladder
- 2 — 8' A-frame ladder

Misc

- 4 — 7' x 2' Prop Tables

Stage Manager's Desk

The stage manager's desk is located DSR. This station includes the following:

- Stage picture provided by a monitor with a video feed from a camera on the balcony rail.
- Dual screen monitor with cue list and In-fared camera
- All work light controls, House light control, all non dim control
- Paging mic to green room and dressing room areas
- Stage sound monitor, CD Player, Clearcom Master BaseStation
- Camera Control for Stage video Monitor

Crews

- All crew will be secured by the Technical Director of Meany Theatre.
- All crews are scheduled for the duration of the call.
- A Meany Theatre technical staff member must be present at all times when the facility is in use.

Video

- 10K Panasonic PT-DS 8500U projector
- 1.0 – 1.2 : 1 zoom lens ET-D75LE60
- 1.8 -- 2.7: 1 zoom lens ET-D75LE20
- 7.9 – 15.0: 1 zoom lens ET-D75LE80

TECH SPECS CONTINUE WITH LIGHTING INFO ON THE NEXT PAGE...

LIGHTING INFO

NOTE: Oversize pipes! All Overhead Pipes are 2" ID (2-3/8" OD)

NOTE: All circuits are 20 amp, 3 pin stage connectors

Maximum Out Trim for 5 Motorized Electrics is +42'-0"

Front of House

- 1st Beam** 15'-8 3/4" to Plaster Line at CL, Elevation 36'-6"
16 @ 20A 110v dimmable ckts (GSP)
3 @ 20A 110v relay ckts (PBG)
2 @ 20A 208v relay ckts (L6-20r)
3 @ 20A 3-phase w/motor control (7-pin SOCA)
Extremely steep focus angle, multi level pipe, many obstructions
Position is 60' wide split at center
- 2nd Beam** 28'-7" to Plaster Line at CL, Elevation 43'
32 @ 20A 110v dimmable ckts (GSP)
1 @ 60A 110v dimmable ckts (GSP)
3 @ 20A 110v relay ckts (PBG)
2 @ 20A 208v relay ckts (L6-20r)
Position is 60' wide split at center
Position is pre-hung with 15 Source Four 14°
- 3rd Beam** 42'-3 1/4" to Plaster Line at CL, Elevation 44'-6"
32 @ 20A 110v dimmable ckts (GSP)
1 @ 60A 110v dimmable ckts (GSP)
3 @ 20A 110v relay ckts (PBG)
2 @ 20A 208v relay ckts (L6-20r)
Position is 60' wide split at center
Position is pre-hung with 15 Source Four 14°, 6 Source Four 10°
- Balcony Rail** 61' to Plaster Line at CL, Elevation 17'
15 @ 20A 110v dimmable ckts (GSP)
2 @ 60A 110v dimmable ckts (GSP)
3 @ 20A 110v relay ckts (PBG)
2 @ 20A 208v relay ckts (L6-20r)
Position is prehung with 8 Source Four 15-30° Zooms
- 1st Box Boom** 36' off Center, 6' DS of Plaster Line, 28' from Stage Level to top of position L & R
8 @ 20A 110v dimmable ckts (GSP)
2 @ 20A 110v relay ckts (PBG)
Each position is pre-hung with 6 Source Four 15-30° Zooms
- 2nd Box Boom** 44' off Center, 18' DS of Plaster Line, 32' from stage level to top of position L & R
8 @ 20A 110v dimmable ckts (GSP)
2 @ 20A 110v relay ckts (PBG)
Each position is pre-hung with 6 Source Four 15-30° Zooms

LIGHTING INFO

Permanent Overhead Electrics

1st Electric	Electric winch, 70' pipe, 6'-3" US of Plaster Line, Out Trim +42'-0" 42 @ 20A 110v dimmable ckts (GSP) 3 @ 20A 110v relay ckts (PBG) 3 @ 20A 208v relay (L6-20r)
2nd Electric	Electric winch, 70' pipe 14'-6" US of Plaster Line, Out Trim +42'-0" 42 @ 20A 110v dimmable ckts (GSP) 3 @ 20A 110v relay ckts (PBG) 3 @ 20A 208v relay (L6-20r)
3rd Electric	Electric winch, 70' pipe 23'-6" US of Plaster Line, Out Trim +42'-0" 42 @ 20A 110v dimmable ckts (GSP) 3 @ 20A 110v relay ckts (PBG) 3 @ 20A 208v relay (L6-20r)
4th Electric	Electric winch, 70' pipe 32'-0" US of Plaster Line, Out Trim +42'-0" 42 @ 20A 110v dimmable ckts (GSP) 3 @ 20A 110v relay ckts (PBG) 3 @ 20A 208v relay (L6-20r)
Cyc Electric	Electric winch, 70' pipe 41'-0" US of Plaster Line, Out Trim +42'-0" 32 @ 20A 110v dimmable ckts (GSP) 3 @ 20A 110v relay ckts (PBG) 3 @ 20A 208v relay (L6-20r)

Other Device Locations

Floor Pockets (each box)	5 SL & SR, 43' from CL 4 @ 20A 110v dimmable ckts (GSP) 2 @ 20A 110v relay ckts (PBG)
Stage Walls (qty. 4)	12 @ 20A 110v dimmable ckts (GSP) 2 @ 20A 110v relay ckts (PBG)
FLY Galleries	66 @ 20A 110v dimmable ckts (GSP) 3 @ 60A 110v dimmable ckts (GSP) - duplicated 3 @ 20A 110v relay ckts (PBG) 6 @ 20A 208v relay (L6-20r) – duplicated
Orchestra Pit	6 @ 20A 110v dimmable ckts (GSP) 2 @ 20A 110v relay ckts (PBG) 2 @ 20A 208v relay (L6-20r)
Pit Lift (Floor Pockets)	4 @ 20A 110v dimmable ckts (GSP) - duplicated

LIGHTING INFO

Lighting Control

ETC EOS Console w/fader wing

- 5000 channels (devices)
- 4000 and 8000 outputs/parameters
- Dedicated master playback fader pair
- 10 definable motorized faders, with 30 pages of control
- 99 cue lists
- 200 submasters
- 3 programmable grand masters
- Dedicated pan/tilt or XYZ encoders, 4 pageable encoders
- 2 @ 15" LCD touch screens (on-board)
- 3 @ 19" LCD touch screens 9 (external)
- High-density live and blind displays
- Electronic magic sheets
- ACN and ETCNet2 native
- MIDI and SMPTE In
- Synchronized backup
- Offline programming
- Data-laundering from Obsession, Expression and Emphasis show files
- 12 discrete on-line users
- Import Lightwright™ files

Company Switches

400A USL
200A Fly Gallery SR

House Lights

Controls located downstage right, light booth, and console control (Universe II)

Dimmers

565 @ 20A Dimmable
75 @ 20A Non-Dims
33 @ 20A 208v Non-Dims
17 @ 3-phase Constant

Lighting Accessories

- 9 @ Source Four irises
- 30 @ 10" Barn doors 4-way
- 10 @ 12' booms
- 5 – Rosco I-Cues
- 5 – Rosco DMX Iris

LIGHTING INFO

Fixture Inventory

Total Qty.	Type		Lamp	Frame	LBS.
38	10° Source Four	ETC	HPL 750	12 x 12	15.0
4	14° Source Four	ETC	HPL 750	6.25 x 6.25	19.3
28	19° Source Four	ETC	HPL 750	6.25 x 6.25	14.0
54	26° Source Four	ETC	HPL 750	6.25 x 6.25	14.0
68	36° Source Four	ETC	HPL 750	6.25 x 6.25	14.0
8	50° Source Four	ETC	HPL 750	6.25 x 6.25	14.0
14	15° - 30° SOURCE FOUR	ETC	HPL 750	7.5 X 7.5	21.0
6	25° - 50° SOURCE FOUR	ETC	HPL 750	7.5 X 7.5	17.0
45	8" FRESNELITE	STRAND	BVW 2K	10 X 10	17.0
56	PAR Source Four	ETC	HPL 750	7.5 X 7.5	7.50
12	IANIRO CYC	STRAND	FFT 1K	12 X 15.5	43.0
32 cells	FOCUSING CYCS	ALTMAN	FCM 1K	10.5 X 11.25	10.5
16	6' MR-16 MINI STRIP	L&E	FPB/FL/40 MR-16 65/12v	3.25 X 4.75	58.0
2	1275 FOLLOW SPOT	LYCIAN	UMI-1200HB	4.25D	H-86 B-41 P-52

***FOH equipment is permanently hung and DOES NOT MOVE.**

FOH HANG

10	10° Source Four	ETC	HPL 750	12 x 12	15.0
30	14° Source Four	ETC	HPL 750	6.25 x 6.25	19.3
32	15° - 30° SOURCE FOUR	ETC	HPL 750	7.5 X 7.5	21.0

SOUND INFO

Console/Snakes

- MIDAS PRO3 mixing system, with digital snake system
48 Primary Mic/Line Inputs, 8 Return Inputs - 16 Group/Aux & 8 Matrix - 10 VCAs, 6 Population Groups & 4 Effects Devices
- A 16 channel analog drive snake is run from house mix position to amplifier racks for touring consoles. Only 16 channels of analog tie lines can be routed as inputs to FOH.
- Whirlwind Medusa Elite subsnakes, plenty of cables, stands, etc.
- NOTE: House mix position is located at the rear of the main floor, house left, under the balcony
- NOTE: No external splitters or consoles are available for onstage monitor mix configurations
- NOTE: Dedicated isolated 100A 3-phase company switch located DSL for sound system rentals

Speakers/Amplifiers

- Central cluster: 4 Meyer UPA-Y1B, arrayed for full coverage, mono (w/ processing)
- Proscenium sides: Three-way concert stacks, "They're vintage!"
8 total (4 per side) JBL concert series model 4872, stereo two-way (w/ processing)
2 total (1 per side) Meyer 650R-2 subwoofers, stereo (w/ processing)
- Amplifiers: 10 Crest CA-9 power amplifiers (Stereo, 900 watts each channel at 4 ohms)
- Self-Powered Monitors: 8 JBL PRX612M, with 4 JBL PRX618S-XLF subs.

Playback/Recording

- 2 Tascam CD-450 CD Player
- 2 Tascam CD-RW750 CD Recorder
- MacBook Pro with QLab, two channel (stereo) playback

Microphones

- 6 Channels Shure UHF-R wireless (UA band) with active wideband antenna distribution, with [UR24D/Beta 87C or Beta 58A handhelds] or [UR1 body pack/DPA 4061BM omni lapel or Countryman E6i omni headset mics (4 tan, 2 cocoa)]
- 4 ATM 33R condenser, cardioid
- 6 Crown PCC160, surface mount condenser, half-supercardioid
- 1 EV RE20 dynamic, cardioid
- 8 Neumann KM84 condenser, cardioid
- 8 Sennheiser MD421 dynamic, cardioid
- 6 Sennheiser MD409 dynamic, cardioid
- 8 Shure SM58 dynamic, cardioid
- 6 Shure SM57 dynamic, cardioid
- 4 Shure Beta 98D/S mini condenser, supercardioid (with drum mounts)
- 1 Shure Beta 52A dynamic, cardioid
- 1 Shure Beta 91A condenser, half-cardioid
- 2 Shure MX418C Lectern 18" gooseneck, 2 Shure MX412C Lectern 12" gooseneck
- 8 Radial JDI (mono passive) boxes, 2 JDI Duplex (stereo passive), 2 JPC (stereo active)

Clear Com

10 single channel belt packs and 2 dual channel belt packs. 2 channel main station at SM Desk.
5 wireless belt packs (Clear-Com FreeSpeak II system)

Program

Page Mic located at SM Desk SR, page and program feed to dressing rooms and Green Room.