



MEANY CENTER

FOR THE PERFORMING ARTS

TECH SPECS

KATHARYN ALVORD GERLICH THEATER*

(*formerly Meany Theater)

Mailing Address:

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Contact Info

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Meany Hall Administration

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All Meany Center Technical Information online: meanycenter.org/visit/technical-information

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 44' 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 - 9 panels 5'x 60' each
- 1 Portable, **Rosin**, Harlequin, black dance floor - 16 panels 5'x60' each
- 1 Portable, Harlequin, reversible dance floor (grey and light grey, studio white) – 7 panels 2M x 65'-7" each
- 1 Portable, Harlequin, gray reversible dance floor – 6 panels 2M x 44' 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'-0" x 14'-0"

Seating Capacity

- Orchestra: 794 + 4 wheelchair spaces 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

- 100 Wenger Orchestra Chairs (Black)
- 95 Music stands
- 50 Manhasset Music stand lights
- 9' Steinway Model D grand concert piano
- 9' Steinway Model D grand concert piano
- 7' Steinway Model B grand concert piano
- Steinway Model K upright 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 950 lbs., Weights: 23.5 lb.(10 Kg) and 13 lb.(5 Kg). 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 extendable to 99'
- House Electrics 1st, 2nd, 3rd, 4th, 5th are 70' long - Electric Winch operated.
- Side Tabs running up stage downstage run on 4- ½ ton chain motors 42'-0" off CL (outside the length of the 80' battens
- ½ ton chain motors LiftKet

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

4 - 2 sets	30' x 17'	Legs w/ Bottom Pipe (Typically used as the 1 st Legs and 5 th Legs
8	10' x 80'	Borders
1	30' x 80'	Blackout (Chris) (2 panels) w/ Bottom Pipe
1	30' x 64'	Blackout (dave) (4 panels)
1	30' x 60'	Black Scrim
1	30' x 58'-6"	Twin White Plastic CYC (Rear Projection Screen)
1	32' x 70'	Seamless white Muslin Bounce (stained, no pipe pocket)
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# 3 30'x80'

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

- 2 — 7' x 2' Prop Tables
- 4 — 6' x 2.5' plastic folding tables
- 2 — 4' x 2' plastic folding 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.
- Screen monitor with cue list.
- Screen monitor with in-fared camera of Stage and Audience Seats.
- All work light controls, House light control, all non dim control
- Paging mic to green room and dressing room areas
- Stage sound monitor and Wireless. Microphone basestation

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 PROJECTION SYSTEM INFO

- 20K Panasonic PT-DZ21K2 projector
- 10K Panasonic PT-DS 8500U projector
- 0.39 : 1 Fixed lens ET-D75LE90
- 1.0 – 1.2 : 1 zoom lens ET-D75LE60
- 1.8 -- 2.6 : 1 zoom lens ET-D75LE20
- 5.0 – 7.99 : 1 zoom lens ET-D75LE40
- 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) Extreme focus angle, multi level pipe, many barriers. 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 S4s 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 pre-hung w/ 15 S4s 14°, 6 S4s 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 S4s 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 S4s 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 S4s 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 Gallerys	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 GIO Console w/fader wing

- 24,576 outputs
- ETCNet3™ (ACN- based), ETCNet2™, Artnet and Avab® UDP protocol output
- Multiple MIDI and SMPTE Inputs
- OSC and UDP Transmit and Receive
- Data-launders from Obsession™, Express™, Expression®, Emphasis®, Congo®, Cobalt™, Transtechnik NT, Avab VLC, Grand MA1, Grand MA2 and Strand 500/300 series show files.

ETC ION Console w/fader wing

- 12,288 outputs
- ETCNet3™ (ACN- based), ETCNet2™, Artnet and Avab® UDP protocol output
- Multiple MIDI and SMPTE Inputs
- OSC and UDP Transmit and Receive

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
- 2- City Theatrical follow-spot yokes
- 1- 1.2K LEX manual dimmer

Lighting Info

Fixture Inventory

Total Qty.	Type		Lamp	Frame	LBS.
30	Series 3 Lustr X8	ETC	LED		19.5
10	Lustr Fresnel Adaptors	ETC		7.5 x 7.5	9.2
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	36° EDLT Lens Tubes	ETC			
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

Consoles, I/O, Cable

- **MIDAS PRO3** 56 Inputs, 27 mix bus, 8 matrix, 10 DCA + 6 Pop, 64/64 DANTE
 - 1 DL351 Digital I/O (48in, 16out)
 - 1 DN9650 w/ KT-DANTE64
- 2 Yamaha RIO 3224 (32 in, 16 out, 4 AES/EBU)
- 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 -or- Balcony level, rear of house right of center (it sounds much better up here)
- NOTE: Dedicated isolated 100A 3-phase company switch located DSL

Matrix and Array Processing, Speakers, Amplifiers

- d&b **DS100 Soundscape Engine, EnScene**, 64/64 matrix, DANTE
- 15 d&b AL60 in 5 arrays of 3, w/ 6 d&b V-Sub, truss flown DS of proscenium
- 14 d&b E6 6 front fills, 8 rear surround (main house + balcony)
- 8 d&b 5S underbalcony delay
- 4 d&b 10D, 6 d&b 30D Amplifiers
- 2 d&b DS10 Audio Networking Bridge
- 8 JBL PRX612M, with 4 JBL PRX618S-XLF subs (monitors)

Playback, Recording

- Macbook Pro, QLab, Dante Virtual Soundcard
- Full multitrack recording via DANTE

Microphones

- 8 Channels Shure Axient AD4Q Recievers
 - 8 channels Shure Axient AD2 handheld transmitters
 - 8 Beta 87c capsules
 - 8 Beta 58a capsules
 - 2 KSM9 capsules
 - 6 channels Shure Axient AD1 bodypack transmitters
 - 6 DPA 4061 omni lavs, or 4 Countryman E6 omni headsets (2 tan, 2 cocoa)
- 4 ATM 33R condenser, cardioid
- 6 Crown PCC160, surface mount condenser, half-supercardioid
- 1 EV RE20 dynamic, cardioid
- 5 Neumann KM84i condenser, cardioid
- 4 Neumann KM184 condenser, cardioid
- 8 Sennheiser MD421 dynamic, cardioid
- 5 Sennheiser MD409 dynamic, cardioid
- 3 Sennheiser e604 (with drum mounts)
- 8 Shure SM58 dynamic, cardioid
- 6 Shure SM57 dynamic, cardioid
- 2 AKG c414 XLII, adjustable pattern
- 2 DPA 4006, omni
- 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 18" gooseneck, 2 Shure MX412C 12" gooseneck
- 6 Radial JDI(mono passive), 2 JDI Duplex(stereo passive), 2 JPC(stereo active)

Clear Com

10 wireless FSII belt-packs (Clear-Com ARCADIA system)
10 single channel belt packs.

Program

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