

Technical Information
Huntington University
Merillat Centre for the Arts
Zurcher Auditorium



Updated May, 2020

GENERAL INFORMATION:

Mailing Address: 2303 College Ave, Huntington, IN 46750
Phone: 260-356-6000

STAFF:

Steve Pozezanac, Merillat Centre Director spozezanac@huntington.edu 260-359-4260
Andrew Edmonds, Technical Director aedmonds@huntington.edu 260-359-4167

Technicians and Stagehands consist of part-time college students.

EMERGENCY NUMBERS:

Fire, Police, Ambulance		911
Parkview Huntington Hospital	2001 Stults Rd, Huntington	260-355-3000
Parkview Walk-In Clinic	2708 Guilford St, Huntington	260-355-3900
Poison Control		800-222-1222
University Campus Police		260-224-1412
Maintenance After Hours		260-224-0933

HOTELS:

Comfort Inn	2205 N. Jefferson, Huntington	260-356-3434
Super 8 Motel	2801 Guilford St, Huntington	260-205-8424
Roadway Inn	2820 Hotel Ave, Huntington	260-359-9000

****More Hotels Available in Ft. Wayne Area****

RESTRAUNTS:

Applebee's	346 Hauenstein Rd, Huntington	260-358-1977
Mecates Mexican Grill	105 Frontage Rd, Huntington	260-224-6492
Pizza Hut	101 Frontage Rd, Huntington	260-359-7022
Great Wall Buffet	1940 N Jefferson St, Huntington	260-356-8828
Wings Etc	317 Hauenstein Rd, Huntington	260-359-2146

Many other fast food chains located within 1 mile including McDonalds, Burger King, Subway, Arbys, Wendys, Hardees, Taco Bell, Jimmy Johns, Starbucks. and KFC.

ON CAMPUS CATERING

Chartwells	260-359-4258
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TIME ZONE: Indiana is in the Eastern time zone

Area Code: 260

Zip Code: 46750

TRAVEL DIRECTIONS:

From south bound I-69:

Take US 24 to Huntington. Travel approximately 23 miles to Guilford St. Turn left onto Guilford, and then make the first possible left (Merillat Blvd) into the Huntington University campus. Continue on Merillat Blvd and take the 2nd right in the round-about. The Merillat Centre complex will be the first driveway on the right.

From north bound I-69:

Exit onto exit number 278 (Warren), the SR 5 north to Huntington. Go straight through light at the corner of SR 5/224 to US 24 bypass. Turn left (west) and continue on the bypass until you reach the stoplight at Guilford St. Make the first possible left (Merillat Blvd) into the Huntington University campus. Continue on Merillat Blvd and take the 2nd right in the round-about. The Merillat Centre complex will be the first driveway on the right.

LOAD-IN AREA:

The loading dock is approximately 30’ from the stage, and on the same level. There is room for two trucks at the dock. The height of the dock is 46”, with a concrete ramp on one side, with a height of 30” to the dock. Primary loading space has a double door 7’8” height and 7’10” width. The dock leads into the scene shop and then through fire doors 16’ x 16’ to the stage.

CARPENTRY:

SEATING CAPACITY: 697 Bottom Section: 249 Upper Section: 448
(77 additional chairs can be added on the orchestra pit lift)

STAGE DIMENSIONS

Proscenium Width:	44’
Proscenium Height:	18’
Depth:	28’ (plaster line to back wall)
Pros to Mid Stage Traveller:	13’
Pros to Cyc:	24’ – 6”
Pros to DS edge of apron:	11’ – 11” at CL (apron is hydraulic lift)
Pit Lift:	11’ – 11” at CL, 44’ width
Wing Space:	SR: 22’
	SL: 19’ (Flyrail location)
Height of Grid:	42’
Height of stage from floor:	3’ – 6”
Crossover Space:	Scene shop behind stage
Side Stages:	Width: 14’
	Height: 18’
	Depth: 4’

Stage material is sprung wood, painted black. Wood floor extends 2' - 5" into wings, from that point it is concrete. Wood floor continues to back wall.

SOFT GOODS

Curtains of heavy weight velour, finished to the following sizes plus 50% additional material fullness.

Main Curtain:	2 pieces, each 30' wide by 20' high, dark red. Travels, SL
Mid Stage Curtain:	2 pieces, each 30' wide by 20' high, black. Travels, SL
Side Stage Curtains:	1 piece, 27' wide by 22' high, dark red. Travels only.
Rear Curtain:	1 piece, 60' wide by 20' high, black.
Grand Border:	1 piece, 52' wide by 12' high, dark red.
Legs:	4 pairs, each 11' wide by 20' high, black.
Borders:	3 pieces, each 52' wide by 8' high, black.
Cyc:	1 piece, 56' wide by 20' high, white.
Scrim	1 piece, 56' wide by 21' high, black.
Shimmer Drape	1 piece, 20' wide by 20' high, blue/silver.

FLY SYSTEM

The fly system is a single purchase counterweight system.

The lock rail is located stage left.

All battens are 63' long with O.D. of 1.5"

Please see the LINE SET SCHEDULE at the end of this document. Placement of legs and borders vary from show to show.

Personnel Lift: A Genie AWP 36-foot lift is available for production use.

Ladders: Little Giant Adj. Safety Cage 8ft-14ft
Werner Fiberglass 4', 8', 10', 12'(2)

Special Effects:

Hazer: Ultratec Radiance Water Based Hazer (DMX or manual control)

LIGHTING

- Dimmers:** 184 @2.4K (EDI Mark Quad)
- Control Board:** ETC Ion XE20 w/irfr app
- House Lights:** House lights are controlled from either the booth, DSR, or through lighting console.
- DMX:** There are four universes of DMX available. Universe 1 is fed into house dimmers and universe 2 is located at all lighting positions.
- Company Switch:** 400A 3 Phase (lugs) located DSR
100A 3 Phase (lugs) located DRL
- Lighting Positions:**
- FOH: Catwalk, 30 circuits spacing 18" (DMX at CL)
Angle of 51 degrees to stage edge, 60 degrees to apron edge
Box Booms, HL and HR, 10 circuits each

 - Stage: 1st Electric, 28 circuits spacing 12" (DMX SL)
2nd Electric, 14 circuits spacing 46" (DMX SL)
3rd Electric, 14 circuits spacing 46" (DMX SL)
4th Electric, 14 circuits spacing 46" (DMX SL)

 - Floor Pockets: 2 SL and SR, both 28' from CL
3 US, 1 on CL, 2 18' from CL
1 DSL and DSR, both 25' from CL

 - Grid: 2 SL and SR

Instrument/ Accessory Inventory

<u>Instrument</u>	<u>Lamp</u>	<u>Quantity</u>
Altman 6" Fresnel	750w	12
Altman 8" Fresnel	1000w	4
American DJ Mega Flash DMX(Strobe)		3
Chauvet Rogue R2 Wash	LED	4
Chauvet Rogue R2 Spot	LED	2
ETC Color Source Par	LED	19
ETC Color Source Cyc**	LED	7
ETC Source 4 Fresnel	750w HPL	8
ETC Source 4 Par	575w HPL	26
ETC Source 4 10 degree*	750w HPL	2
ETC Source 4 19 degree *	575w HPL	33

ETC Source 4 26 degree	575w HPL	4
ETC Source 4 36 degree	575w HPL	10
ETC Source 4 50 degree	575w HPL	8
Philips Selcon PLC Cyc	LED	6
Rosco I-Cue Moving Mirror		2
Strong 575 Follow spot	575w metal halide	2
Wildfire UV		2
Wybron Coloram I (V2 software)		12

Spare Lens Tubes: 19(2), 36(2)

*Instruments are located on FOH electric and in box booms.

**Instruments are located on the 4th Electric.

All instruments are grounded stage pins.

(6) 6', (2) 12' lighting booms, and 4 custom six position ladders are available.

Color Scroller Colors (all are Roscolux colors)

R00 Clear, R02 Bastard Amber, R03 Dk. Bastard Amber, R08 Pale Gold
R26 Light Red, R27 Med. Red, R33 NC Pink, R337 Broadway Pink
R39 Sangria, R51 Surprise Pink, R53 Pale Lavender, R60 NC Blue
R360 Clear Water, R68 Sky Blue, R80 Primary Blue, R388 Gaslight Green
R89 Moss Green, R91 Primary Green, R99 Chocolate

Communication

Telex intercom system is available stage left, stage right, flyrail, FOH lighting, FOH sound, FOH video, spot booth, catwalk, and orchestra pit. 9 hardwired belt packs are available with 9 headsets and 1 handset. The intercom system can also be tied in with the broadcast studio and camera operators.



SOUND

House sound is a stereo system comprised of WORX Audio line array speakers. The system contains (8) V5T-P boxes and (1) X115iP box per side. There are also (2) Klipsch KP-682-A dual 18” subs that are placed on the deck SL and SR. All speakers are powered except for the Klipsch subs that are powered by two Crown Macrotech 2402 amplifiers. A BSS Soundweb London BLU-160 processor controls the system. House console is located at the top of the auditorium enclosed in a booth with open windows. Touring consoles can be placed on the main floor either house right or house left.

FOH Equipment

Mixer:

Allen & Heath Avantis w/ iPad control
Dante 64x64 I/O card

Signal Processing:

BSS Soundweb London BLU-160
Rane DA216a

Playback/Recording:

ProCo iRack
Tascam CDO-1U
Tascam HD-R1



House sound feed is available to all locations within the Merrillat Centre complex.

A Listen Technologies Assistive Listening System is available to patrons that would need it. Receivers can be picked up from the box office.

Snake System and Wiring

The digital snake system is an Allen & Heath GX4816 that has 48 inputs and 16 outputs located on stage left. This interface feeds directly into the FOH console via Slink. Splits for monitors and broadcast are connected through Dante interface cards. All stage pockets are completely patchable to the snake. Two 100’ Whirlwind 12 channel sub snakes are available.

Monitor System

A separate monitor system is available and located stage left. The Merrillat Centre has a variety of wedge speakers and in-ear options available that can be fed from a total of 16 mixes. Monitors can also be operated from the FOH position.

Monitor Equipment

Mixer:

Behringer X32
Dante 32x32 I/O card

Signal Processing:

(3) Symetrix 533E Graphic EQ (Wedges)

In-Ear Monitors:

(8) Sennheiser EW300 G3 Transmitters
(11) Sennheiser EW300 G3 Receivers
(1) Samson CQ8 (Wired)

Wedge Monitors:

(4) Klipsch KSM-15
(2) Klipsch KSM-12
(4) Klipsch KSM-8
(2) Mackie SRM350 (Powered)

Amplifiers:

(3) Mackie M1400i Amplifiers
(1) Rane MA 6

Microphones

<u>Brand</u>	<u>Model</u>	<u>Quantity</u>
AKG	C414	2
Audio-Technica	AT8035	3
Audio-Technica	AT853	6
Audix	ADX18	1
Audix	D2	3
Crown	PCC 160	6
Rode	NT5	4
Sennheiser	E906	1
Sennheiser	MD421	1
Shure	55SH-II	4
Shure	819	1
Shure	Beta 52	1
Shure	Beta 56	1
Shure	Beta 57	3
Shure	Beta 58	1
Shure	Beta 87A	2
Shure	Beta 91	2
Shure	Beta 98	4
Shure	KSM32C/G	2

Shure	MX391/C	1
Shure	MX412s	2
Shure	MX418	1
Shure	SM57	10
Shure	SM58	10
Shure	SM81	6
Shure	SM94	3
Shure	VP88	1
Sony	C-48	2

Direct Boxes

<u>Brand</u>	<u>Model</u>	<u>Quantity</u>
Countryman	DT85	1
ProCo	IT-1	2
ProCo	iFace	1
Radial	J48	5
Whirlwind	Director	8
Whirlwind	Direct2	2
Whirlwind	Direct-JT	2
Whirlwind	IMP Combiner	1
Whirlwind	Line Balancer	2
Whirlwind	PCDI	3
Whirlwind	Split 6	1

Wireless Microphones

<u>Brand</u>	<u>Model</u>	<u>Components</u>	<u>Capsules</u>
Shure	QLXD (8)	Belt Pack & Handheld (8)	Countryman B3(4), E6(6) SM 58 (6)
Shure	ULXP4D (6)	Belt Pack & Handheld (6)	Countryman B3(3), E6(3) SM 58 (6)

Stands

<u>Brand</u>	<u>Model</u>	<u>Quantity</u>
Atlas	Tall Tripod Booms	14
Atlas	Short Booms	6
Atlas	Desktop	8
Ultimate	MC-97	9

Video System

The video playback system in Zurcher Auditorium consists of three projection screens, and three projectors. An Extron video switcher located in the control booth controls the system. There is an Apple Mac Mini, Apple TV, and a Blu-Ray Player installed. Additional computers or devices can be connected to the system via HDMI or VGA from the control booth or the stage. There is also a projector on the back wall for ProPresenter Stage Display.

Projectors:

- 1 - Epson ProZ10005 (Center)
- 2 – Epson ProG6900WUNL (Sides)
- 1 – Optoma GT5500+ (Back Wall)

Screens:

- 1 – Da-Lite Pro Tens'd Electrol 12' high by 26'6" wide (Center)
- 2 – Da-Lite Contour Tensioned Electrol 8' high by 13' wide (Sides)
- 1 – Confidence monitor is located on stage

Switching/Control: Extron DTP Crosspoint 84
 Extron TLP Pro 720T

Playback: Apple Mac Mini
 Apple TV
 Yamaha BD-A1040 Blu-Ray Player

Software: Pro Presenter 7
 Power Point 2018
 Keynote

Closed Circuit Camera System:

A live video feed of events in the auditorium is fed from a Sony SRG300H camera to TV monitors backstage right and left, the Technical Director's office, and the Recital Hall. There is an HDMI output in the booth that can be connected to recording or livestream equipment.

Properties

Music:

Chairs: (74) Wenger musician series, padded grey

Stands: (60) Wenger music stands (1) Conductors stand

Lights: (30) Universal clip lights

Conductors Podium: 3' x 3' x 1'

Drum Shield: Yes

Choral Risers: (6) Wenger 6' tourmaster 3-step risers. (Capacity 12-16 per riser)

****Pianos, Keyboards, and Drum Sets are available through the Music Department, but require advance notice and possibly an additional fee****

Wenger Platforms:

8 - 4'x 8' Platforms

8 – 4'x6' Platforms

2 – Sets of 45 degree wedge sections

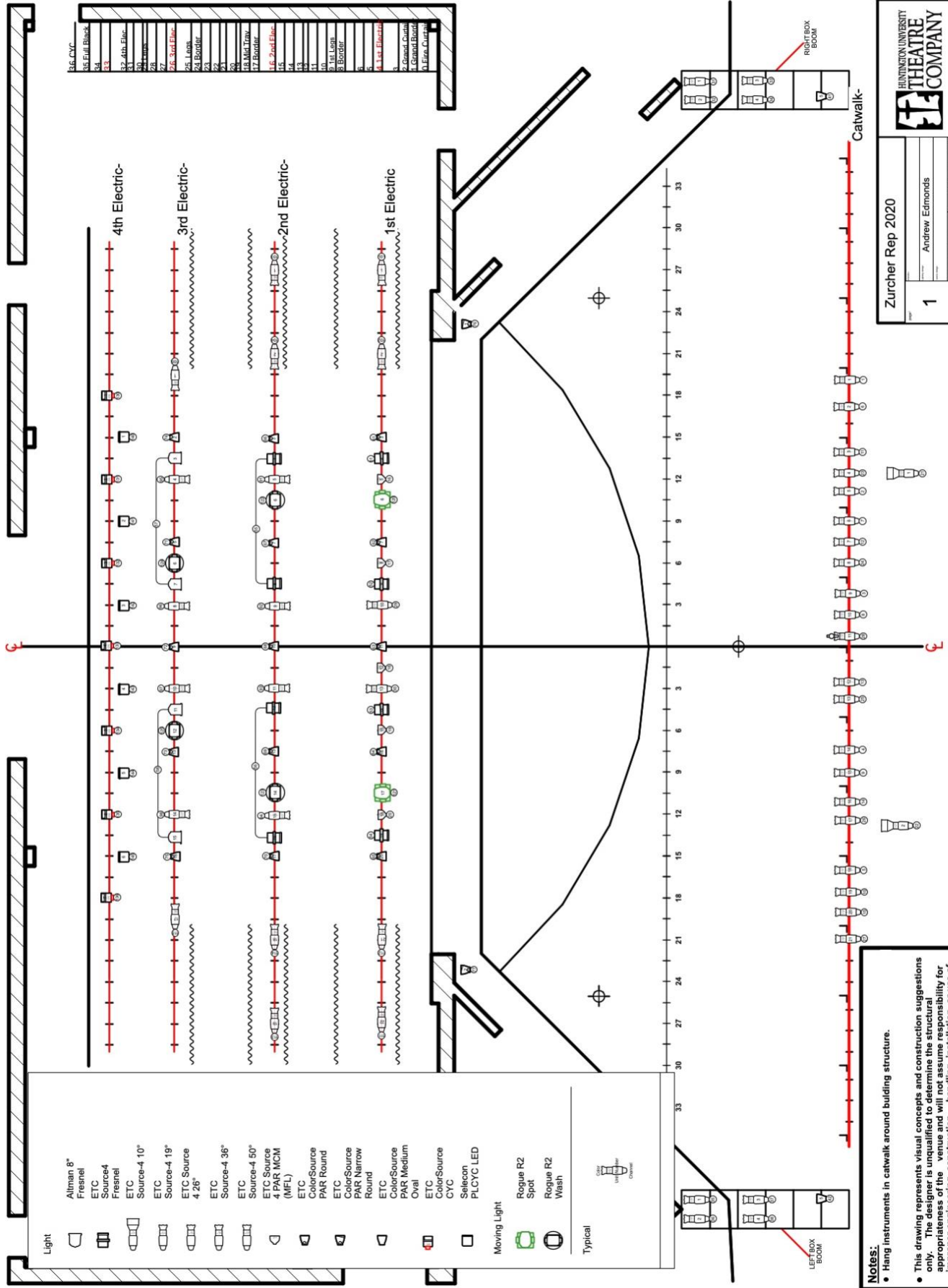
Leg Heights: 8", 16", 24", 30"

Lecterns: 3 – Matching Oak Finish

Tables: 8' tables with black skirts or spandex covers are available.



Zurcher Lineset Schedule				
<u>Number:</u>	<u>Description</u>	<u>Distance From Plaster Line</u>	<u>Moveable?</u>	
1	Grand Border	1'	No	
2	Grand Drape	1' 8"	No	
3		2' 4"		
4	1st Electric	3' 6"	No	
5		4' 2"		Hits 1st Electric
6	Sidefills	4' 10"	Yes	
7	Legs	5' 6"	Yes	
8		6' 2"		
9		6' 10"		
10		7' 6"		
11		8' 2"		
12		8' 10"		
13	Border	9' 2"	Yes	
14	Legs	9' 10"	Yes	
15		10' 6"		
16	2nd Electric	11' 2"	No	
17		12' 4"		
18	Mid Stage Black	13'	No	
19		13' 8"		
20		14'		
21		14' 8"		
22		15' 2"		
23	Border	15' 10"	Yes	
24	Legs	16' 6"	Yes	
25		17' 2"		
26	3rd Electric	18' 4"	No	
27		19'		Hits 3rd Electric
28		19' 8"		
29	Border	20' 4"	Yes	
30	Legs	20' 8"	Yes	
31	Scrim	21' 4"	Yes	
32	4th Electric	21' 10"	No	
33		23'		
34		23' 8"		
35	Full Black	24' 6"	No	
36	Cyc	25' 6"	No	



- Light**
- Allman 8" Fresnel
 - ETC Source4 Fresnel
 - ETC Source-4 10"
 - ETC Source-4 19"
 - ETC Source 4 28"
 - ETC Source-4 36"
 - ETC Source-4 50"
 - ETC Source 4 PAR MCM (MFL)
 - ETC ColorSource PAR Round
 - ETC ColorSource PAR Narrow Round
 - ETC ColorSource PAR Medium Oval
 - ETC ColorSource CYC
 - Selecon PLCYC LED
- Moving Light**
- Rogue R2 Spot
 - Rogue R2 Wash
- Typical**
- UNITED STATES CENTER

36. CYC
35. Full Black
34.
33. 4th Elec.
32.
31.
30.
29.
28.
27.
26. 3rd Elec.
25. Lens
24. Border
23.
22.
21.
20.
19. 1st Elec.
18. 17 Border
17.
16.
15.
14.
13.
12.
11.
10.
9. 1st Light
8. Border
7.
6.
5.
4. 1st Electric
3.
2. Grand Court
1. Grand Board
0. Line Center

HUNTINGTON UNIVERSITY
THEATRE COMPANY

rehearsal center for the arts
center auditorium

Zurcher Rep 2020

1

Andrew Edmonds

7/14/2019

1/4" = 1' - 0"

LIGHT PLOT

Notes:

- Hang instruments in catwalk around building structure.
- This drawing represents visual concepts and construction suggestions only. The designer is unqualified to determine the structural appropriateness of the venue and will not assume responsibility for engineering, construction, handling, installation, or use of the lighting equipment.

MCA Studio Theatre



The MCA Studio Theatre is a flexible black box space with a max seating capacity of 125. It is typically used for theatre productions, lectures, and rehearsals. Below is information about the installed sound and lighting systems.

Lighting System

Dimmers: 48 ETC Sensor 3 Thru power

Control Board: ETC Element

House Lights: House lights are controlled through the lighting console.

DMX: There are two universes of DMX available. Universe 1 is fed into house dimmers and universe 2 is located in the lighting grid

Lighting Positions: Lighting Grid 16' above the floor

Instrument/ Accessory Inventory

Instrument	Lamp	Quantity
ADJ Mega Bar RGBA	LED	10
Altman 6" Fresnel	500w	12
ETC Color Source Par	LED	4
ETC Source 4 Par	575w HPL	9
ETC Source 4 36 degree	575w HPL	11
ETC Source 4 Jr. 25-50 Zoom	575w HPL	12
ETC Source 4 Jr. 50 degree	575w HPL	10

Sound System

Equipment

Mixer:

Soundcraft Signature 12

Signal Processing:

DBX Driverack PA2

Amplifiers:

1 – QSC Mx1500a (Mains)

1 – Mackie M2600 (Subs)

Speakers:

4 – QSC AD-S52 (Mains)

2 – JBL 4648 (Subs)

MCA Longaker Recital Hall



The Longaker Recital Hall is a small performance space with a max seating capacity of 125. It is typically used for recitals, meetings, lectures, and as overflow seating for Zurcher Auditorium. Below is information about the installed sound and video systems.

Sound System

Equipment

Mixer:

Mackie Onyx 1620i

Signal Processing:

DBX Driverack 260

Amplifiers:

1 – Yamaha P2700 (Mains)

1 – Mackie M2600 (Sub/ Monitor)

Speakers:

2 – Community ENT220 (Mains)

1 – Community VLF208 (Sub)

Video System

The video playback system consists of one projection screen, and one projector. An Extron video switcher located in the control booth controls the system. There is an Apple TV, and a Blu-Ray Player installed. Additional computers or devices can be connected to the system via HDMI or VGA from the control booth or the stage. A live video feed from Zurcher Auditorium is also fed into the system.

Projector: Epson ProG7500U

Screen: Da-Lite Pro Contour TNSD 78” high by 139” wide 16:9

Switching/Control: Extron IN1606

Playback: Apple TV
Denon DN-500BD Blu-Ray Player