



OXFORD
PERFORMING ARTS CENTER

TECHNICAL SPECIFICATIONS



VENUE ADDRESS:
100 Choccolocco Street
Oxford, AL 36203
www.oxfordpac.org

CONTACT US:
P.O. Box 3383
Oxford, AL 36203
256.241.3322



GENERAL INFORMATION

The Oxford Performing Arts Center is located in historic Downtown Oxford, Alabama. The lobby and office half of the building was originally a schoolhouse dating back to 1921. In the 1970's, the building became the City Hall which housed the police and fire departments and the mayor's office - as well as the jailhouse, of which, one cell remains today. The theatre was added in 2013 to the original building and has been in operation since.

TYPE OF VENUE: Traditional proscenium theatre with level stage and with orchestra seating and one balcony.

CAPACITY: Orchestra Level: 850 Balcony Level: 351 **Total: 1,201**

CONTACT:

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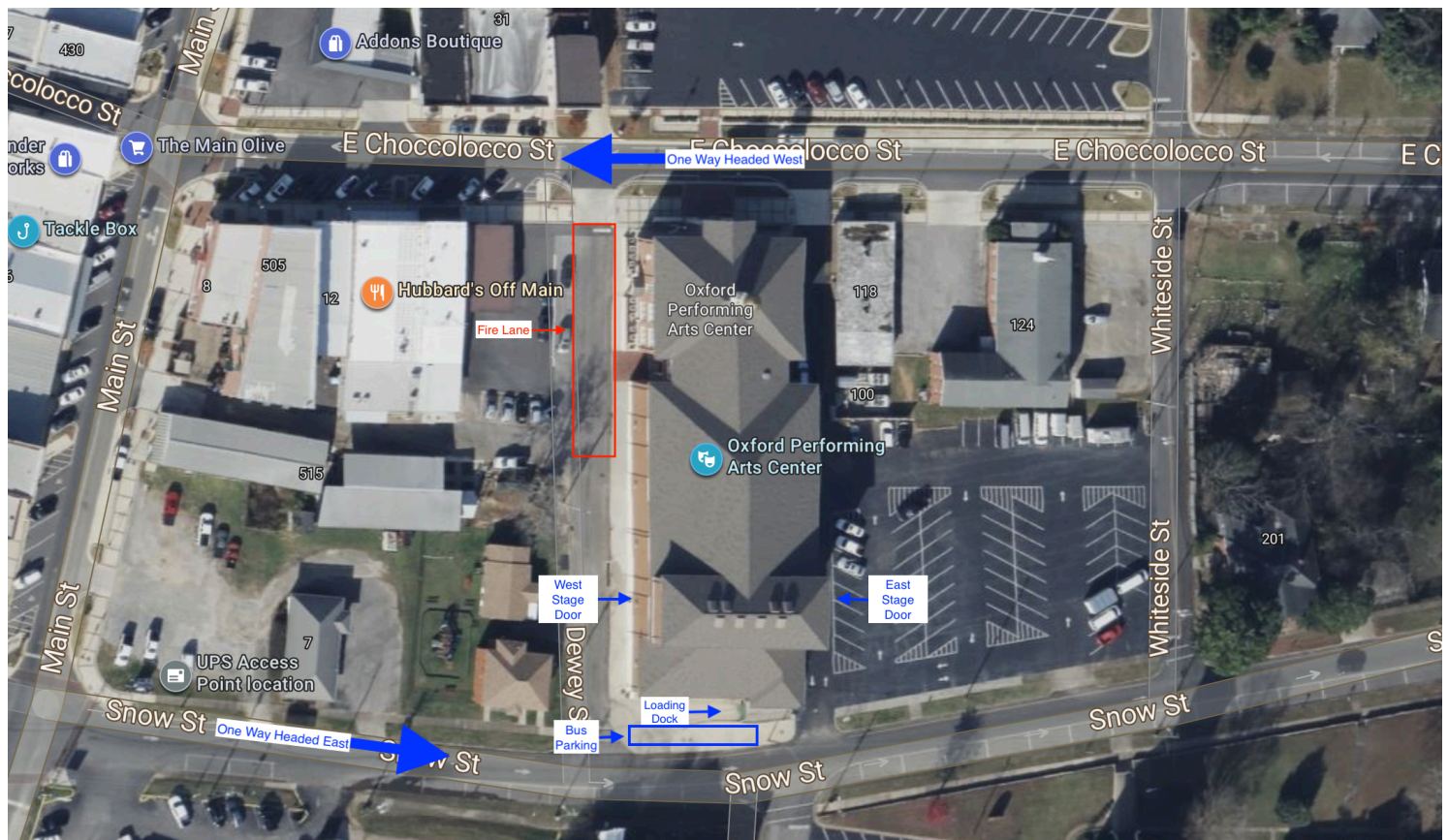
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STAFF & CREW: In-house staff consists of OPAC Non-Union crew. Local Union & Non-Union crew available through Production Office (256-689-1316).

ADDRESS: Oxford Performing Arts Center
100 E. Choccolocco Street
Oxford, Alabama 36203

PARKING MAP:



FACILITY ACCESS

STAGE DOOR:

(1) Loading Dock Stage Door at the loading dock is the primary as well as there are East and West Stage Doors - West Stage Door on the corner of Dewey St. and Snow St. (accesses Stage Left stairwell) and the East Stage Door in the Methodist Church Parking Lot (accesses the Stage Right Stairwell)

LOADING DOCK

(BY APPOINTMENT ONLY):

Located on the south side of the building.

The loading dock is equipped with a standard dock semi-trailer height (48") single truck dock with an electric semi-trailer leveler plate.

Loading dock is equipped with one (1) 60 amp outlet for Shore Power.

ADA ACCESSIBILITY:

ADA accessibility for backstage via a wheelchair lift located near the SR access stairs or a ramp which has replaced the SL stairs. Lobby or basement access is via the front door ramp of the building.

BOX OFFICE ACCESS:

Box office access is via the front entrance located on the north side (Choccolocco St. side of the building).

STAGE DIMENSIONS

PROSCENIUM:

Height	20'0"
Width	50'0"
Depth (PL to US Wall)	35'10"

STAGE HEIGHT:

Auditorium floor to stage	36"
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I-BEAMS HEIGHT (NO GRID):

Deck to bottom of i-beams*	48'6"
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STAGE HOUSE:

Plaster Line to Back Wall	35'10"
Plaster Line to 1st Line Set	1'2"
Plaster Line to Grand Drape	2'0"
Plaster Line to Last Line Set	30'3"
Plaster Line to Downstage Edge (sans Orchestra Pit)	5'3"
Center Line to Stage Right Wall	44'10"
Center Line to Stage Left Wall	45'4"
Crossover Path**	

***NOTE: The venue does not have a walkable grid.** The floor to ceiling height of the stage house is 48' 10". Any points over the deck are hung from i-beams. For i-beam distances and locations as well as load limits, contact the Technical Director (256-689-1316) for more information.

****** No dedicated crossover path, but either hallway access or the running space upstage of the upstage traveller is used.

STAGE FLOOR:

The stage floor consists of ¾” Plyron panel on 2 layers of 5/8” plywood sheathing on ¾” Mason Industries Super-W neoprene pads laid 12” o.c. each way. The stage contains no trapdoors. An electric wheelchair lift is located on stage right to house level inside the stage left access stairway. **Lagging into stage must be approved beforehand. Please contact Technical Director for more details (256-689-1316)**

ORCHESTRA PIT**DIMENSIONS:**

Width:	40’
Height:	8’
Depth:	15’

FRONT OF HOUSE**Mixing Position:**

The FOH Mix Position is located beneath a shallow balcony in the center orchestra. Space is 15’ x 10’ dimensions.

DRESSING ROOMS**BACKSTAGE / OFFSTAGE ROOMS:**

Star Dressing Room A - stage level - 1-3 capacity, restroom with shower (shared with Star Dressing Room B, locks from both sides), make-up lights, mirrors, and mini-fridge

Star Dressing Room B - stage level - , 1-3 capacity, restroom with shower (shared with Star Dressing Room A, locks from both sides) make-up lights, mirrors, and mini-fridge.

Male Ensemble Dressing Room, 5-10 capacity, make-up lights, mirrors, and restroom with shower.

Female Ensemble Dressing Room, 5-10 capacity, make-up lights, mirrors, and restroom with shower.

Chorus Room - in basement - 50-75 capacity with chairs, z-racks, and laundry

Green Room - in basement - 50-70 capacity with all catering assets, couch, lounge chairs, television, and billiards table

Studio Performance Space - in basement - 125-200 capacity

MISCELLANEOUS**STAGE MANAGEMENT:**

Located next to the Fly Rail Console in the stage right wing

BACKSTAGE VIDEO MONITORING:

(x10) 40” Screens located SR, SL, both Star Dressing Rooms, both Ensemble Dressing Rooms, Orchestra Pit, Green Room, and Chorus Room with live feed from FOH. Live feed only available upon request.

RISERS:

(x6) Wenger Tourmaster Choral Risers

(x12) 8’ x 4’ Wenger StageTek Risers; 8”, 12”, 16”, 24”, 32”, and 36” legs available

FORKLIFT:

(x1) Hyster Electric 4000lb cap. Forklift with 4’ forks (8’ fork extensions can be added on as needed)

POWER DISTRIBUTION

STAGE:

- (1) Stagecraft 400 Amp Switch (3 phase) with 6 Camlock receptables and 5 bare lugs
- (1) Stagecraft 400 Amp Switch (3 phase) with 6 Camlock receptables only
- (1) Stagecraft 200 Amp Switch (3 phase) with 5 Camlock receptables and 5 bare lugs
- (8) 20 Amp Edison circuits located stage right wing wall, upstage wall, and stage left wing wall.

BACK STAGE:

- (x1) LP 21-30 (3 phase) 30 Amp outlet located in Transfer Room
- (x1) L6-30 240v 30a outlet located in Transfer Room
- (x1) L6-30 240v 30a outlet SL
- (x1) 50 amp 120/250 VAC California Style Locking Extension - CS63-65C Outlet

AUDIO SPECIFICATIONS

CONTROL:

- (1) Venue Profile Console with 1 Mix Rack with x3 DSP Card (currently configured with 16 outputs at the front of house rack and a Stage 48 Rack)
- (1) Yamaha M7CL-48-ES with (3) Yamaha SB168ES (16 x 8 I/O) Stage Boxes (48 inputs and 24 outputs)
- (1) Midas M32R Mixer
- (1) QSC TouchMix 16 with iPad for Control
- (1) 48 Channel Split with -20db pad and ground lift for each channel

*Note: Current configuration is three ES Stage Boxes built into a rack with a 48-Channel Split for Monitors

MIX LOCATION:

The FOH Mix Location is located beneath a shallow balcony in the center orchestra (See Section: **Front of House** for details). The console is located within clear line of sight of the two main arrays and the center fill speakers. Cable run for FOH snake to SL is approximately **150'**

OUTPUT:

- (1) Stereo Line Arrays – consisting of (9 each side) Meyer Sound Mina Line Array Modules with Meyer 500HP Sub Modules that are combined into L/R
- (1) Meyer UPA-1P Center Point Source Module for Center Fill
- (5) Meyer UPM-1P - used as Front Fills
- (4) Portable Subwoofers – Meyer Sound HP-700s dual 18"
- (4) Upper Balcony Fill Speakers – Meyer Sound UPJ-1P
- (6) Under Balcony Fill Speakers – Meyer Sound UPM-1P

DSP:

- (1) Yamaha DME 24N Processor

MONITORING:

- (4) Clair Brothers WEDGE Series 12" Passive Wedge
- (10) JBL STX812M 12" Two-Way, Bass Reflex, Passive Stage Wedge
- (2) JBL PRX

STAGE AMPS:

- (5) Crown XLS 2500W Stereo Amplifiers

BACKSTAGE PAGING:

- (1) 70v backstage paging system for dressing rooms. Can be tied in via stage right or front of house.

WIRELESS MICROPHONES:

- (8) Shure ULXD2 Handheld Wireless Microphone with two ULX4D Quad Receivers
- (8) Shure ULXD2 Body Packs
- (2) Shure ULXD Single Receivers with Handheld Transmitters and Body Packs
- (3) Shure Wireless Instrument Cables
- (8) Shure Beta 87A Capsule
- (6) Shure Beta 58 Capsule
- (12) Sennheiser EW100 with Wireless Lavalier Packs

WIRED MICROPHONES:

- (12) Shure SM57 Microphone
- (15) Shure SM58 Microphones
- (3) Shure Beta 57 Microphone
- (4) Shure Beta 58a Microphone
- (1) Shure Beta 91A
- (4) Shure SM81 Microphone
- (1) Shure Beta 52a Dynamic Microphone
- (3) Shure Beta 98H/C Instrument Microphone
- (2) AKG 414 Matched Pair
- (2) Shure KSM 32 Wide Diaphragm Condenser
- (1) Ear Trumpet Lab Louise Condenser Microphone
- (1) Audio Technica ES935S Microphone
- (4) Audio Technica AT2041SP Microphone
- (4) Audio Technica AT2020 Condenser Microphone
- (5) Earthworks P30/C-B Gooseneck Condenser Microphone
- (2) Earthworks TC20 Small Diaphragm Condenser
- (1) Sennheiser E902 Kick Drum Microphone
- (9) Sennheiser 604P Microphones with Drum Head Clip
- (1) Sennheiser 421
- (2) Sennheiser e609

MISCELLANEOUS AUDIO:

- (20) K&M Tri-pod Boom Stand
- (10) K&M Tri-pod Short Boom Stand
- (6) K&M Round Base Straight Stand
- (50) 50' Microphone Cables
- (40) 25' Microphone Cables
- (2) 50' 6-Channel Stage Snakes

HOUSE BACKLINE:

- (1) Yamaha C7 Concert Grand Piano
- (1) Yamaha CP-4 88 Key Weighted Electric Keyboard
- (1) Yamaha MOXF8 88-Key Synthesizer Workstation
- (1) 25" Ludwig Copper Timpani
- (1) 27" Ludwig Copper Timpani
- (1) 29" Ludwig Copper Timpani
- (1) 32" Ludwig Copper Timpani
- (1) Yamaha YX500RC Xylophone Rosewood
- (1) Adams Chimes; 1.5 OCT / 1.5 DIAM; Chrome
- (1) 5' Baby Grand Piano Shell

WIRELESS RADIO FREQUENCIES:

Venue is currently using (5) licensed FCC RF channels:

- 463.900 MHz
- 464.300 MHz
- 464.650 MHz
- 468.900 MHz
- 469.300 MHz

LIGHTING SPECIFICATIONS

CONTROL:

- (1) ETC Ion Console (2 DVI touchscreen monitors & 2x20 fader winger)
- Currently three universes with 1536 channels of control using ETC Net3
- DMX may be tied in FOH or Backstage
- (1) Avolites Arena Console

DIMMING:

- (1) ETC Sensor3 96 Dimmer Rack 120/208V 3 Phase 4 Wire
- (24) dimmer channels located FOH on 75' catwalk position
- (6) dimmer channels located house left off the box seating positions
- (6) dimmer channels located house right off the box seating positions
- (48) dimmer channels located on the stage right wall and can be tied in and run via socapex and breakouts
- (1) ETC Smartpack Touring Rack (24 x 10 A) (up to 100' minimum extension of Socapex with breakouts) - Must be tied in by House Electrician to a power service switch.

INSTRUMENT POSITIONS:

- Front of House Cove (Catwalk access stage right) with 23 Stage Pin circuits (22' from house 0'0") from socapex breakouts
- See Lineset Schedule (pg. 8)

INSTRUMENTS:

- (48) ETC Source Four 750 Watt Ellipsoidal Reflector Spotlight - 26 Degree
- (18) ETC Source Four 750 Watt Ellipsoidal Reflector Spotlight - 36 Degree
- (6) ETC Source Four 750 Watt Ellipsoidal Reflector Spotlight - 19 Degree
- (6) Elation Professional Platinum Spot 35 Pro - For Manual, click [here](#)
- (8) Elation Professional Platinum Spot 15R Pro - For Manual, click [here](#)
- (12) Elation Professional Rayzor Q12 Zoom - For Manual, click [here](#)
- (12) Elation Professional Beam Extreme 5R - For Manual, click [here](#)
- (30) Elation Professional SixPar 200 - For Manual, click [here](#)
- (12) Blizzard HotBox RGBAW
- (14) Philips Selecon PLCYC MKII LED RGB
- (32) Par 56 Cans - 300W Lamp

FOLLOWSPOTS:

- (4) Lycian 1271 Followspots. Each has 6 gel frames, iris, dowser, and located in the balcony follow spot booth, located approximately 100' from 0'0".

SOFT GOODS

LEGS:

- (4) Sets of 23'x17' 22oz IFR Encore Velour Sewn with 50% fullness

BORDERS:

- (1) 6' x 56' 32oz IFR Royale Velour Sewn with 60% fullness
- (4) 8' x 62' 32oz IFR Encore Velour Sewn with 50% fullness

MISC:

- (1) 19' x 60' White Sharktooth Scrim
- (1) 19' x 60' Black Sharktooth Scrim
- (1) 20' x 75' White Cyclorama

VIDEO

PROJECTION:

- (1) Panasonic 10K Projector with 1.0-1.6:1 lens and 1.3-2.6 lens
- (1) Barco HDF-W30 (30K) FLEX projector with 1.3-2.0:1 lens (long throw)
- (1) Barco HDF-W30 (30K Lumens) LP (Laser Projector) with 0.8-1.3 (short throw) lens
- (1) Barco RLM W-14 (13,500 Lumens) projector with 0.8-1.3 (short throw) lens
- (60) Unilumen Video 500mm x 500mm panels with rigging fly bars and video processor

SWITCHING:

- (1) Datavideo HS-1300 6-Channel HD Portable Video Streaming Studio

SCREEN:

- (1) 60'x22' Cyclorama with pipe in the seam.
- (1) Video Wall Screen may be flown in multiple configurations

NOTES:

- Projectors may be hung from FOH balcony rail, catwalk, or from a batten downstage
- There are two SDI patch ports stage right that run to FOH
- Prior approval of video wall must be given for use; requests must be made at least 4 weeks in advance of engagement for use of wall

RIGGING EQUIPMENT

MOTORS:

- (6) CM Lodestar 1 tonne (2,000 kg) 16 fpm Chain Motors
- (2) 1 Ton CM 30' Chain Fall winch

CONTROL:

- (1) Skjonberg 8-Channel Dual-Twist 3PH 50 Amp Motor Distro

STEEL:

- (32) CM 1-tonne Beam Clamps
- (6) 6' STAC Deck Chain
- (6) 4' STAC Deck Chain
- (60+) CM 5/8" Shackles
- Various lengths of 2.5', 5', 10', and 20'
- Various lengths of spansets

FLY SYSTEM SPECIFICATIONS

LINE SETS:

All moveable linesets are electric winches operated by an ETC Foundation Controller V1000S. Each set has a maximum capacity of **1,000lbs**.

NUMBER OF MOVEABLE LINE SETS:

Thirty spare battens on ETC Prodigy hoists;

BATTEN HEIGHT:

44' maximum trim height for all battens with a low trim of 4'6".

BATTENS:

1^{1/2"} Schedule 40 Pipe; 63' in length.

CONTROL:

Linesets are operated by an ETC Foundation Controller located stage right, but can have access stage left

PICKS:

As there is no pin rail, cables are picked via rope, sheaves, and cleats mounted to the stage walls

RIGGING NOTES:

There is NO walkable grid. Any points must be hung on I-beams overhead and is only accessible via a lift. Often a pre-hang call is necessary for larger scale rigging. Please contact the Technical Director within at least one week prior to production to discuss (256-689-1316).

LINESET SCHEDULE:

Number	Description	Distance from 0'0" (Plaster Line)	Trim Height	Max Speed of Motor (FPM)	WLL (LBS.)
1	VALANCE	1'2"	44'	180	1,000
2	MAIN CURTAIN	2'0"	44'	180	1,000
3	SPARE	2'10"	44'	180	1,000
4	SPARE	3'8"	44'	180	1,000
5	ELECTRIC #1	4'11"	44'	180	1,000
6	SPARE	5'11"	44'	180	1,000
7	BORDER 1	6'8"	44'	180	1,000
8	LEGS 1	7'6"	44'	180	1,000
9	SPARE	9'3"	44'	180	1,000
10	SPARE	10'1"	44'	180	1,000
11	BORDER 2	10'11"	44'	180	1,000
12	ELECTRIC #2	11'9"	44'	180	1,000
13	SPARE	12'7"	44'	180	1,000
14	SPARE	13'5"	44'	180	1,000
15	BORDER 3	14'3"	44'	180	1,000
16	MIDSTAGE TRAVELLER	15'1"	44'	180	1,000
17	SPARE	18'3"	44'	180	1,000
18	LEGS 2	19'1"	44'	180	1,000
19	SPARE	19'11"	44'	180	1,000
20	ELECTRIC #3	20'9"	44'	180	1,000
21	SPARE	21'7"	44'	180	1,000
22	BORDER 3	22'5"	44'	180	1,000
23	LEGS 3	23'3"	44'	180	1,000
24	SPARE	24'1"	44'	180	1,000
25	SPARE	24'10"	44'	180	1,000
26	BORDER 4	25'9"	44'	180	1,000
27	LEGS 4	26'11"	44'	180	1,000
28	CYCLORAMA	27'9"	44'	180	1,000
29	BLACK TRAVELLER	29'5"	44'	180	1,000
30	SPARE	30'3"	44'	180	1,000