

HOPEWELL THEATER

Technical Specifications

Updated 11/2020

TABLE OF CONTENTS

Venue Overview.....	2
Driving Directions & Parking Information	2
Accessibility Recap	3
The Stage Space + Fly System	4
Backstage Areas & Dressing Rooms	4
Loading Dock & Stage Door	4
Soft Goods	4
Stage Furniture	4
Lighting Specifications	5
Lighting Inventory	5
Sound Specifications & Inventory	6
Cinema System Specifications: Audio/Video	8

** Repertory Plot and Plan of Space can be downloaded on our website on the About page.*

Venue Overview

Come as you are. Where local meets world stage and creativity, ideas and music are as accessible as the surroundings. Hopewell Theater offers a range of inviting cultural experiences, from independent film and live music, to guest speakers and post-show artist Q&A's. Patrons can dine-in at one of our special Supper Club nights, or just come for the show.

CREATE: A landing spot, a launch pad, an incubator, Hopewell Theater is also where artists can play, practice, perform or show their passion project on the big screen and for co-producers who want to partner with the theater to develop work. The theater is available to rent, at both hourly and day-rates. For more information about theater rentals, check out the "Rent" page on our website, www.HopewellTheater.com.

DINE-IN: The Theater features a full menu at our concession stand of small plate options, delicious deserts and traditional concession items like candy and popcorn which patrons can consume during a show. On special occasions we feature Supper Club nights presented in partnership with a local chef or caterer, where a full meal is served before the show. For more information about dining-in, check out the "Dine-In FAQ" page on our website, www.HopewellTheater.com.

THE SPACE: Hopewell Theater is a 180-seat theater with flexible seating options, from intimate banquet table seating to traditional fixed theater seats, as well as a balcony overlooking the stage - there's a place where everyone can feel comfortable. The Theater features a digital projection system, a modern LED lighting package, and a state-of-the-art surround sound system.

SOUND & LIGHTING: *Please see below for detailed technical specifications of the system. What follows is a general overview.*

The Hopewell Theater has unlimited possibilities when it comes to the lighting the space. With a newly updated system of color-changing LEDs and top of the line programming options, there are endless possibilities for lighting, from theatrical performances to presentations.

Custom tailored to the size and acoustics of the venue, the new state of the art sound system at Hopewell Theater provides smooth and even audio coverage for every seat in the venue. The professional digital audio system was installed with flexibility in mind, and is well suited for a range of events, from sound effects for theatrical presentations to live sound reinforcement for musical acts. And the new sound system doesn't stop at the auditorium doors - speakers in the lobby, bathrooms and the second floor hallways, ensure that even if you have to leave your seat, you'll never miss a note!

Driving Directions and Parking Information

Please visit our website's "Visit" page, <http://hopewelltheater.com/live/visit/> for a map, directions, and parking information.

Accessibility Recap

Entrances: The main lobby entrance is wheelchair accessible, along with the theater entrance to seating areas.

The wheelchair accessible entrance to the stage is stage left and can be reached from the exterior of the building on the parking lot side. Should you require this entrance, we can place a removable ramp to the sidewalk for your convenience.

Seating: There are four spaces for wheelchair seating at the back of the theater in the left, right and center mezzanine sections. The balcony is not wheelchair accessible.

Backstage Talent Support Lofts are not wheelchair accessible.

Restrooms: Wheelchair accessible restrooms are located in the lobby.

Deaf or Hearing Impaired: Hopewell Theater has a Listen Technologies Assistive Listening System for hearing impaired patrons, consisting of portable RF receivers and headphones, as well as neck-loops to interface with telecoil-equipped hearing aids and cochlear implants. Patrons can request use of devices at the Box Office.

Parking: There is a loading zone parking spot next door to the theater, in front of the Post Office, for those who need to be dropped off.

The Stage Space

The Hopewell Theater is an end space with no traditional proscenium arch. The stage is 49' wide at the downstage edge, and is 19'-11" wide at the upstage wall. The upstage wall is curved beginning 6" up from the downstage edge. Entrance to the stage can be made from openings in the upstage curtains on stage left, stage right, and from upstage. The wheelchair accessible entrance to the stage is from stage left.

The stage has no fly system, but some items can be rigged to fly in a limited capacity. It is also possible to add curtains to the grid. If you need a white cyclorama in an upstage position please make inquiries.

The stage has a 1.5" schedule 40 pipe grid above it that can support lighting, sound, projection, and scenery. The grid is set on a basic 4' square pattern, and measures 17'-5" from the stage floor. Please see the Light Plot to get measured drawings of the grid.

Backstage Areas

The backstage areas offer a limited amount of space. There is a crossover from backstage left to right, upstage of the upstage curtains. The backstage area has multiple level changes and stairs. If you have performers with mobility limitations, please bring this to our attention in advance.

Dressing Rooms and/or Talent Lounge

There are two lounges or dressing areas located backstage: Left (approximately 9'x 9'x 9') and Right (approximately 8'x 11'x 8'), on the second level – see HT Space Plan areas labeled "Talent Support Loft." Both are accessible by a set of stairs. There are no restrooms or sinks backstage.

Loading Dock and Stage Door

The stage door is a standard double man door, measuring 62" wide and 79" high. The maximum diagonal opening is 98". The doors enter the space at street level from the stage left side. The theater does not have a traditional loading dock.

Soft Goods

The stage is outfitted with charcoal velour curtains. They are 21 oz. Encore with fullness. They hang at the downstage edge of the stage to create a main traveler, at the mid-stage, and along the curved back wall. The curtains are all on tracks and allow for a variety of visual and acoustic setup. All curtains extend from the grid to the stage floor. Due to emergency egress regulations, the stage left exit sign must be visible at all times from the audience and therefore the mid-stage curtain cannot remain closed during performances. Additionally, the main traveler curtains can only be closed for a limited time and must be manned at all times by theater personnel whenever they are closed.

Stage Furniture

- 12 x Black folding chairs
- 2 x Black wooden stools
- 2 x Metal adjustable height stools
- 4 x Director's style chairs
- 6 x Music stands
- 1 x Adjustable keyboard stand and bench
- 1 x Portable podium
- 1 x Drum riser platform (6'6" x 6'6" x 5")

Lighting Specifications

There are 5 simple systems of lighting.

Houselights- 14 ETC ColorSource Pars make up the houselight system. There are 5 units on each of the trusses in the main seating area, as well as 4 additional units in the balcony. Each unit is individually controllable. These color-changing LED units can be easily programmed for a wide variety of colors depending on your needs.

Moving Lights – The theater has a modest moving lighting package consisting of American DJ Pocket Pro Spots and Martin Rush MK5. 16 ADJ Compact Moving Head LED lights, 2 of 16 are not yet installed but notated on light plot.

Downlight Overstage- 10 ETC ColorSource Pars make up the overstage downlight system. They are laid out in two ranks of 5 units, one rank downstage and one rank upstage. Each unit is individually controllable. These color-changing LED units can be easily programmed for a wide variety of colors depending on your needs.

Front light- 8 ETC ColorSource Spots make up the main front light system. There is a rank of five 26° degree units on the first truss over the house that cover the downstage portion of the stage. A rank of three 50° units on the furthest downstage grid pipe cover the upstage portion of the stage. Each unit is individually controllable. These color-changing LED units can be easily programmed for a wide variety of colors depending on your needs.

Box boom wash- 6 ETC ColorSource Spots make up a traditional “box boom” wash for the toning of scenery and people. 3 units hung on the extreme ends of each side of the first truss over the house can provide a wash over the entire stage. Each unit is individually controllable. These color-changing LED units can be easily programmed for a wide variety of colors depending on your needs.

Truss toners- There are 8 Chauvet SlimPar56's, one each at the top and bottom of the four vertical lighting trusses in the main level of the theater. Each unit is individually controllable. These color-changing LED units provide accent lighting within the truss, and can be programmed to create a variety of ambient looks within the space.

Specials- 6 ETC 25-50° Source4 Junior Zooms provide for special lighting overstage. They are hung overstage- 2 on stage left, 2 on stage right, and 2 upstage center. These are traditional quartz lamp fixtures with a dimmer attached to the yolk of the unit, and are not color-changing. They have the ability to accept M-size gobos.

2 ETC 15-30° Source4 Zooms on the balcony rail provide additional specials. These are traditional quartz lamp fixtures with a dimmer attached to the yolk of the unit, and are not color-changing. They have the ability to accept A and B-size gobos.

While these special units have a standard focus, they can be refocused as needed with the consultation and approval of the theater technical staff.

Lighting Inventory

14	ETC ColorSource Spots (2 @ 19°, 7 @ 26°, 2 @ 36°, 3 @ 50°)
16	ADJ Compact Moving Head LED
14	ETC ColorSource Pars (houelights, with short concentric ring top hats) ETC
10	ColorSource Pars (overstage, with half hats)
6	ETC Source4 25-50° Junior Zooms
2	ETC Source4 15-30° Zooms (750w)
8	Chauvet SlimPar56's (in vertical trusses)
6	M-size gobo holders for the Junior Zoom units
1	ETC ION 3K Lighting Console with 20-channel fader wing

Sound Specifications & Inventory

This system is designed to reinforce music and voice, as well as for the playback of music and sound effects.

Mix position is fixed and is centered behind the last row of seating at orchestra level. No center-of-house sound mix position is possible.

The theater also features a cinema system with surround sound (see Cinema System specifications below).

Sound System Overview

Console:

Allen & Heath QU32 Digital Console

32 Mono Mic/Line Inputs (XLR & TRS)

3 Stereo Inputs (TRS)

24 Outputs (XLR)

1 x Allen & Heath AB168-RK 16 Input/8 Output Rack Mounted Stage Box (Stage Right)

1 x Allen & Heath AB168 16 Input/8 Output Stage Box (Placement as needed)

Processing:

Ashly NE24.24M 16x8 Matrix Processor

Loudspeakers:

3 x Renkus-Heinz IC2-FR Self Powered Speakers (Left-Center-Right System)

2 x Renkus-Heinz CF18S Self Powered Subwoofers (Dual Mono)

Stage Monitors:

2 x Renkus-Heinz CF121M-2 Self-Powered Speakers

4 x JBL EON 610 Self-Powered Speakers

Microphones / Direct Boxes:

4 x Shure SM58 Vocal Microphones

2 x Shure SM58s Switched Vocal Microphones

4 x Shure QLXD4 Wireless Receivers (either SM58 wireless mic or WL185 lavalier with QLXD1 bodypack)

4 x Shure SM57 Instrument Microphones

2 x Shure SM-137 Condenser Microphones

1 x Shure B-52 Dynamic Kick Drum Microphone

6 x Whirlwind IMP 2 Passive Direct Boxes

Microphone Accessories:

6 x Tall Tripod Base Boom Microphone Stands

2 x Tall Round Base Boom Microphone Stands

1 x Tall Round Base Straight Microphone Stand

2 x Short Boom Microphone Stands

25 x 25' Microphone Cables

5 x 50' Microphone Cables

4 x 10' 1/4" TRS Instrument Cables

Playback:

There is no audio playback device in-house. The visiting group will have to provide this device if they require it. A Radial DI box is available for 1/8" headphone connections from a laptop, iPod, or other devices. The main sound console can also accept 1/8" headphone connections.

Communication:

Clear-Com Single Channel Com System with 4 belt packs and headsets. Connections are available backstage left, backstage right, and at the front of house console position.

Lobby Speaker System:

15 ceiling-mounted Bose DS16F speakers are located in the main lobby, kitchen, upstairs hallways, all restrooms, and offices, and are powered by a QSC CMX300Va Amplifier. These provide a live feed of whatever is happening in the theater, and ensure no matter where you are you never miss a note. The volume of these speakers can be adjusted in each zone as needed on the wall mounted volume control behind the concession stand for the lobby, and in the upstairs office for the upstairs.

Cinema System Specifications:

Hopewell Theater features a 133" x 236" wide matte white Da-Lite motorized projection screen that drops down at mid-stage. The screen is paired with a Digital Projection E-Vision 8500, solid-state phosphor laser, 8500 Lumen, 1-chip DLP projector. This projector provides vivid colors and a dynamic black (10,000:1 contrast ratio) using the DarkChip DLP® technology.

The surround sound audio system features three Renkus-Heinz IC2 speakers in a left, center, right configuration. These speakers utilize built in digital signal processing and quad beam steering technologies that have been specifically programmed to the room. Two Renkus-Heinz CF18s-5 Subwoofers are positioned over the stage. The surround sound system incorporates an additional eight Renkus-Heinz CFX-81 speakers that are zoned to provide a surround sound experience for both the main audience area as well as the balcony. Full digital surround processing is provided utilizing an Extron SSP 7.1 processor routed to an Ashly ne8250 DSP amplifier.

The main digital media video server is a ProLudio media server computer. The system can also play media on Blu-Ray and DVD from a Denon DN-500BD MKII player. Additional VGA and HDMI inputs- both onstage and in the front of house- allow for the connection of laptops and other playback devices.

The cinema system is operated by theater staff through a touchscreen control system.