



**205 England Street,  
Ashland, VA 23005**

## **Tech Specs 2024**

The following is an overview of the features implemented as part of the acoustic design and values of the Ashland Theatre. Requests for further detail should be submitted to the Technical Director by email.

### **Contacts:**

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### **Room Acoustics**

#### **Stage Drapes and Absorption Panels**

- The stage is equipped with a black drape across the entirety of the upstage wall, as well as two panels of drapes on stage left and right to reduce reverberation from behind. The upstage wall is padded with acoustic paneling to also help with reduction.

#### **House Wall Absorption**

- Walls in the house are equipped with acoustic paneling to contain the sound to help control the sound bouncing off the walls.

#### **Air Flow**

- The mechanical system is designed to provide a large volume of air to the auditorium at a very low velocity to minimize the noise created by airflow. The auditorium is always set to be 68 degrees on warmer days and 70 degrees on cooler days.

#### **Two Sound Systems**

- Because the sound requirements for movies and for live performances are so different, the Ashland Theatre is equipped with two independent audio systems: one dedicated to the movie experience and one designed specifically for live musical performances.

## **Theatre Dimensions**

- Proscenium Opening.....20'
- Proscenium Height.....14' 10"
- Proscenium Apron.....6'
- Stage Depth.....18' 5"
- Stage Width.....26'
- Stage Height.....3' 3½" above house floor
- Wing Space.....6' stage right
- Fly Rail.....none, everything is dead hung
- Stage floor is wooden, painted glossy black
- Grand Drape is Blue
- House Light control is an E-Flex Relay Panel located at the sound and lighting booth

## **Backstage**

### **Load-In**

- Loading entrances in the back
- Double Doors on left side of the building leading to stage left (stairs onto the stage) and the house floor in front of the stage
- Ramp leading to Green Room which has a doorway into backstage right
- Bus Power Connection on sight, located at the Double Doors entrance behind the Theatre.

### **Green Room 1**

- Location- First floor, backstage right of stage
- Access- outside ramp, steps in back hallway, door from stage
- Amenities
  - Private bathroom with a shower
  - Full Length Mirror
  - Adjustable thermostat
  - Water Bubbler
  - Keurig Coffee Machine
  - Menus from the local restaurants around town
  - Table, chairs, sofa, desk, piano

### **Green Room 2**

- Location- First Floor, end of back hallway
- Access- back hallway
- Amenities
  - Private bathroom with a shower
  - Adjustable Thermostat

## **Storage and Rehearsal**

- Storage is very limited in the building. Due to the lack of onsite storage, no shipments shall be accepted without prior approval from the Technical Director. There is no on-site rehearsal space.

## **House Curtain**

- Operates by a pulley system stage right

## **Electrics and Power**

- Board- Lightshark LS-1
- Blizzard Lighting Pipeline DMX Distributer
- Lights- See attached lighting document
- Four (4) twist-lock electrical outlets located on the upstage wall of the stage. Twist-lock to Edison cables on site
- Two (2) Edison electrical outlets located upstage center
- Assorted cable, hardware
  - (See Sound Equipment list)

## **Front of House**

- Console- Midas M32 (2018)

## **Amp Rack**

- Midas DL32
  - Digital Snake; 32 input 16 output, 32 Midas Microphone Preamplifiers, ULTRANET and ADAT Interfaces
- One (1) Crown amplifier XTI 6002
  - for subs under stage, 1 channel per sub
- Three (3) Crown amplifier XLi 3500,
  - For stage monitors, 12 channels

## **Speakers/Wireless**

- Six (6) JBL VRX932-LAP Powered Speaker
  - 3 Per Side/Hung
- Two (2) JBL VRX918 SP Powered Subwoofer
  - 1 Per Side/Hung
- Two (2) JBL SRX818 S Subwoofer- 18" Passive
  - Under Stage
- Six (6) JBL SRX800
  - Powered Speakers for stage monitors
- Three (3) Shure BLX4R receivers, Two (2) Shure SM58 wireless microphones, and One (1) Shure W93 Lavalier microphone.

## **Film Sound**

### **Amp Rack**

- CRESTRON DMPS3-4K-150-C
  - 3-Series® DigitalMedia™ Presentation System 150
- CRESTRON TSW-760-B-S 3RU
  - Custom panel to mount Crestron TSW-760 Touch Panel - 7" Touch Screen, Black Smooth
- QSC DPM-100H
  - 10 Ch. Digital Cinema Processor with booth monitor, crossovers, 3 screen channel bi-amp, Intrinsic Correction™, Ethernet control, with HDMI in/out, Dolby® Digital Plus and DTS®-HD.
- Sony UBP-X800 UHD Wi-Fi Blu-ray Disc Player
- Apple TV
- Dell CPU
- Three (3) QSC DCA2422 DCA 2422 2-Channel Power Amplifiers
  - For Loudspeakers and Subs
- Four (4) QSC DCA3422 DCA 3422 2-Channel Power Amplifiers
  - For Surround Speakers

## **Speakers**

- Three (3) QSC SC-423C DCS Digital Cinema Series Screen Channel 3-Way Loudspeakers
- Three (3) QSC SB-5218 Cinema subwoofer, dual 18"
- Twelve (12) QSC SR 8200 Cinema Surround Series, 8" two-way loudspeaker

## **Assisted Listening Device**

- Transmitter- QSC UPC-28C 2 Channel Hearing System with Closed Captioning
- Receiver- Two (2) QCS USL CCR-100
  - receiver attached to an angled flex-arm with a base and built in cupholder that fits into the theater seat arm
- Receiver- Two (2) QSC USL CCH-100
  - Closed Captioning Glasses
- Receiver- Twelve (12) QSC USL IRH-281
  - Headphone Receiver for HI (Hearing Impaired) and VI-N (Visually Impaired Narrative) audio

## **Projection Booth Specifications**

- Sony SRXR515P 4K Digital Cinema Projection System

## **Projection Formats**

- Screen Size: 22' 6" X 12' 8"

## **Movie Viewing Options**

- DVD/Blu-ray
- Streaming Service (login required)
- Digital Cinema Projector Hard drive (Obtained through Film Booker)
- Thumb drive (if original content)

# Ashland Theatre- Sound Equipment

Amount	Item	Short Description
<b>Microphones</b>		
6	Shure SM57	Dynamic Microphone
8	Shure SM58	Dynamic Microphone
2	Sennheiser E609	Dynamic Microphone
1	Shure Beta 52A	Dynamic Microphone
2	Wireless Shure SM58, Shure BLX4R	Wireless Handheld Microphone and receiver
1	Shure W93 Wireless Lavalier, Shure BXL4R	Wireless Clip-on Microphone and receiver
2	RODE M5	Cardioid Condensor Mic. Mic Clips Included
<b>Stands and Clips</b>		
17	Standard Mic Clip	SM57 and SM58 Compatible
1	Wireless Mic Clip	Wireless Handheld Compatible
13	Standard Boom Stand	Mic Stand with Extendable arm
11	Small Standard Boom Stand	Small Mic Stand with Extendable arm
4	Straight Stand	Round Base, Straight Pole
<b>Direct Boxes</b>		
1	Radial Pro D2	Stereo Direct Box
1	Radial Pro D1	Passive Direct Box
2	Radial Pro 48	Active Direct Box
<b>Cables</b>		
23	XLR Cable @25ft	Microphone Cable
26	XLR Cable @15ft	Microphone Cable
19	XLR cable @10ft	Microphone Cable
5	MIDI Cable @ 5ft	Digital Cable
1	1/4 inch cable @30ft	Guitar/Bass/etc cable
3	1/4 inch cable @15ft	Guitar/Bass/etc cable
3	1/4 inch cable @3ft	Guitar/Bass/etc cable
1	Powercon/Edison cable	For powered speaker
2	Speaker Cable @ 25ft	Approximate Length
3	Speaker Cable @ 50ft	Approximate Length
3	Speaker Cable @10ft	Approximate Length
1	8ch sub snake @ 25ft	Drum cabling etc
2	8ch sub snake @50ft	Drum cabling etc
1	12ch sub snake @50ft	Drum cabling etc
2	IEC Cable	For computer equip/speakers
11	Extension Cables	Approx 50ft. 7 Quad, 4 single

Ashland Theatre- Lighting Equipment		
Description	#	Location/Brief Description
Blizzard Lighting TOURNado WiMAX QZoom	4	FOH, Front Lighting, LED RGB Fixture
Blizzard Lighting Colorise Quadra	4	Stage, Back Lighting, LED RGB Fixture
Blizzard Lighting WINK	4	Stage, Moving Wash Light, RGB Fixture
Blizzard Lighting G-Mix 200	2	Stage, Moving Spot Light, RGB Fixture with Gobo Wheel