



TECHNICAL SPECIFICATIONS

Updated: July 2021

www.avenelarts.com

Facebook: <https://www.facebook.com/avenelartscenter/>

Instagram: <https://www.instagram.com/avenelartscenter/>

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CONTACT

Main Office: 732-554-1960

Executive and Artistic Director: Anthony Wilkinson, 732-588-8901

Executive Assistant to the Executive and Artistic Director: Brad Sarboukh,
Brad.sarboukh@avenelarts.com, 732-588-8902

SEATING CAPACITY

The Avenel Performing Arts Center utilizes two standard seating configurations:

195: Standard Theater Seating

Regular seating - 157 theater seats on a raked incline with steps. 7 rows, A-G, have 19 seats each. Row H has 24 seats.

Flexible seating- 38 theater seats in the front 2 rows, AA and BB have 19 seats each.

96: Cabaret Style Seating

24 Tables with 4 chairs per table

SHIPPING / PARKING

The following address should be used if items will be shipped ahead:

The Avenel Arts Center

150 Avenel St.

Avenel, NJ 07001

The main parking lot is directly in front of the theater. Other parking lots include 105 Avenel Street, 155 Avenel Street and 181 Avenel Street.

STAGE DIMENSIONS

Typical stage setup is in a thrust configuration. The proscenium is 10' upstage of the downstage edge.

PROSCENIUM: 40' wide x 15' high

STAGE: 40' wide x 20' deep in standard configuration.

Stage is made up of 4' x 8' platforms.

Total platforming inventory: 27: 4'x8', 6: 4'x4' with 6" and 16" legs

Additional platforms available to make a 20'x40' stage: 4: 4'x8', 3: 4'x4'

Stage Height: 16'

3 step units available upon request

LINESET SCHEDULE

1'-2" from Plaster Line: 8' Legs (folded back to 6' typ.) and 4 moving lights

3'-2" from Plaster Line: Lighting batten (see light plot)

5'-2" from Plaster Line: Lighting batten (see light plot)

7'-2" from Plaster Line: Full Stage Black on track - split at center (both walk – along)

9'-2" from Plaster Line: Open Batten – typically for Cyc or Scrim

9'-9" from Plaster Line: Motorized Projection Screen – 24' Wide x ~12' tall (16:9 ratio)



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RIGGING

OVER STAGE RUNNING SIDE TO SIDE:

(5) dead hung 1.5" Schedule 40 steel battens: 39' long – 15'-6" from floor (-16" from stage)

OVER SEATING RUNNING SIDE TO SIDE:

(9) DEAD HUNG Schedule 40 steel battens: 39' long – 21' from floor

OVER SEATING RUNNING FRONT TO BACK:

(9) DEAD HUNG Schedule 40 steel battens: 45'-4" long – 21' from floor

MISCELLANEOUS EQUIPMENT

Baldwin: 7' Baby Grand

Tama Imperialstar 6-piece Drum Set:

Bass drum: 22x16", Rack Toms: 10x7", 12x8"

Floor toms: 14x13", 16x15", Snare: 14x5"

14" hi-hats, 16" crash, 20" ride

Drum floor pad

5 panel Drum Shield

Guitar Amp: Fender Champion 100: 2x12"

Bass Amp: Eden EC210 180W 2x10"

4' tables (4), 6' tables (4)

Music Stands with stand lights (6)

10' sections pipe and drape (2)

DRESSING ROOMS

APAC has 2 dressing rooms each comfortably accommodating 4-6 people.

Each dressing room is equipped with a mirror, counter and 4 chairs. Wardrobe racks available.

There is also a bathroom with shower off each dressing room.

The green room seats 6-8 and has a washer / dryer and refrigerator.

Program audio and video is distributed via ceiling loudspeakers and 4K/UHD TVs.

MERCHANDISING

All merchandise sales are done in a designated area near the Box Office in the main lobby.

A merchandise seller can be arranged with advanced notice.

STAFF

Local 21 IATSE stagehands upon request. This may include sound and lighting operators and/or designers, stagehands/loaders, or follow spot operators, as needed.

CURTAINS BAR AND RESTAURANT

Curtains is a full-service restaurant within the building which seats 65.

The restaurant has a liquor license and is open before, during intermission, and after each performance. Catering can be provided upon request.



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PROJECTION

The theater is equipped with a 12k lm. Panasonic Laser HD Projector which front projects onto a 24' motorized projection screen (16:9 ratio) against the upstage wall. The projector will also cover the area of the back wall cyc. An HD-BaseT Switcher provides switching of video and computer sources, enabling inputs from the stage, control room and other locations. A Blu Ray/Digital Media player is also connected to the projection system.

Audio pertaining to projected media can be sent via 6ea surround loudspeakers.

AUDIO

APAC has the following in house Audio PA:

Mix position is in the booth with retractable windows that opens approx. 6' wide, 40' from the stage.

Main stage console:

Midas Pro2/Digital Heritage, 64ch Mix-Engine, includes 48x16 Stage I/O and Amplifier Rack digital/analog I/O units. 96KHz Mixing with full-fidelity 96k AES all-digital drivelines to PA and Monitors.

Loudspeakers, processing, and amplification:

D&B audiotechnik Vi10P, Left-Center-Right Main (1 each, permanent)

D&B audiotechnik Bi6-SUB Subwoofers, Left and Right (2 each, permanent)

D&B audiotechnik 5S Front-Fills (4)

D&B audiotechnik D80 DSP/Amplifier (PA) (1)

D&B audiotechnik D20 Amplifiers (for front fills and monitors) (2)

Tannoy VX5.2 Surround Loudspeakers (6, permanent)

Additional monitors:

Tannoy VXP12 powered monitors (5)

Tannoy VXP8 powered monitors (2)

D&B audiotechnik M4 professional stage monitor (6)

PORTABLE CONSOLE

Allen & Heath, SQ-5 16ch Mix-Engine, loudspeakers, processing, and amplification:

D&B audiotechnik E12D, Left-Right high-fidelity point-source Loudspeakers, 110x50. (1 each)

D&B audiotechnik B6-SUB Subwoofers, Left and Right d&b audiotechnik D12 DSP/Amplifiers (1 each)

PLAYBACK

Tascam 400 U CD/Digital Media Player (2)

Mac Book Pro: playback, QLAB

4k Blu Ray Player

Tascam DA3000 HiRes Audio recorder / player



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WIRELESS MICROPHONES

Sennheiser receivers with boosted antennae. (8)
Sennheiser Evolution hand-held vocal w/ 835 transmitters. (8)
Sennheiser Evolution Wireless belt pack mic. w/ lavalier transmitters. (8)
Sennheiser receivers with standard antennae. (2)
Sennheiser Evolution Wireless belt pack mic. w/ lavalier transmitters. (2)
DPA 4061 hi-fidelity, heavy-duty lavalier microphones. (8)
DPA Dfine hi-fidelity, head worn microphone. (1)
Countryman E6 Omni head worm microphone. (1)
Head set accessories for lavaliers. (8)
Portable rack (1) with ART MX 622 mixer and Sennheiser 835 receivers. (2)
Sennheiser Evolution hand-held vocal w/ 835 transmitters. (1)
Sennheiser Evolution Wireless belt pack mic. w/ lavalier transmitters. (1)

WIRED MICROPHONES

Shure SM58LC Dynamic Vocal Microphone (6)
6: Shure SM-57 Dynamic Instrument Microphone (6)
Neumann KMS105 Handheld Condenser (1)
Pair: Neumann KM184 Condenser Instrument Microphone
Audix DP4, Drum Microphone Kit (2)
Sennheiser E914 Condenser Instrument Microphone, drum overheads (4)
Sennheiser e609-Silver Dynamic Inst. Microphone, Horns, Guitar Amp (2)
DPA VO4099-DC-1-199-G Acoustic Guitar Microphone, DPA Core (2)
DPA VO4099-DC-1-201-B Acoustic Bass Microphone, DPA Core (1)
Earthworks PM40 Piano stereo mic kit (1, permanent)
Cascade X15L Stereo Ribbon Microphone, House Live Mic (1, permanent)
Shure PCC 160 Boundary microphone

ACCESSORIES

K&M Professional mic stands, Short/Medium/Tall-Booms, straight-stands
Canare Quad Microphone Cables, assorted, 30', 50'
Assorted Stage sub-snakes
Radial JDI Direct Box w/Jensen transformer (5)
Radial JDI-Stereo Direct Box w/Jensen transformers (2)
Radial SB5 Stage-bug for iPad/Laptop interface (1)



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COMMUNICATIONS-PRODUCTION INTERCOM:

Clear-Com MS-702 2-CH Master Station (2)

Clear-Com RM-702 2-CH Remote Station (2)

Clear-Com RS701 Belt packs (14)

Clear-Com CC110-X4 Headsets (14)

SOFT GOODS

Full Stage Black on traveler (split at ctr, walk along)

8' x 13'-6" Legs (6)

8' x 21' legs (4)

1 Black Scrim, 1 White Cyc (both 40' wide x 15'6" high)

LIGHTING CONSOLE

ETC ION Xe20

Chauvet Pro Rogue R2 Wash (10)

Chauvet Pro Rogue R3 Spot (8)

ETC Color Source Profiles (18)

Chauvet Professional 1 Quad Tour (8)

Ovation B-565 cyc lights. (16)

Lycian Clubspot 1239 follow spot (2)