



PERFORMING ARTS CENTER

BUFFALO STATE

(Revised July 2023)

Buffalo State Performing Arts Center

SUNY Buffalo State
1300 Elmwood Ave.
ROCK 210
Buffalo, New York 14222

PAC STAFF

Director of Operations	Andy Binder	716-878-3599	binderad@buffalostate.edu
Production Manager	Andrew Borchik	716-878-3075	borchiah@buffalostate.edu
Audience Services Manager	Anjuli Vecchies	716-878-3600	vecchiad@buffalostate.edu
Assistant Production Manager	Tom Ochs	716-878-3060	ochstj@buffalostate.edu

SEATING CAPACITY

856 (Lower tier-403 Upper tier-453)

ADMINISTRATIVE OFFICE PHONE

716-878-3032

FAX: 716-878-4234

TICKETING INFORMATION

In house system – etix

CHARGE BY PHONE:

716-878-3005

WEBSITE:

<http://www.buffalostatepac.org>

The venue features in-house concert quality sound and lighting.
Located 15 minutes from Buffalo Niagara International Airport.
Located on the SUNY Buffalo State campus, an urban university campus.

TECHNICAL SPECIFICATIONS

Stage House and Specifications

1) Dimensions

Proscenium: 41'W x 20'H (height set by dead hung grand teaser)

Plaster Line to Back Wall: 31'

Plaster Line to Last Lineset: 26'-6" (See Lineset Schedule)

Plaster to Edge of Stage: 3'8"

Center Line to Stage Right Wing Wall: 40'

Center Line to Stage Left Wing Wall: 40'

***Please Note: Wing Space is Limited SR due to Orchestra Shell Tower Storage.**

Curved Stage Apron (Covered Orchestra Pit): 12' U.S. to D.S.

Curved Stage Apron (Covered Orchestra Pit): 35' S.R. to S.L.

***Please Note: Apron not available when pit is in use; pit cannot support excessive weight.**

Stage Floor to Orchestra Pit Floor: 7'6"

Stage Floor to Grid: 28'

Stage Floor to Batten High Trim: 24'-6"

Stage Floor to Batten Low Trim: 4'

***Please Note: There is NO FLY TOWER**

Upstage Crossover Width: 4' (Partially obstructed U.S.L.)

2) Orchestra Pit

35' Wide

12' Deep

7'6": Stage Floor to Orchestra Pit Floor

Maximum Capacity: 30

Manual disassembly and assembly required (Advanced approval required)

3) Stage Floor

The stage floor consists of tongue and groove oak flooring with a stained black finish.

The floor rests on sleepers and resilient neoprene pads.

There are no traps in the stage floor

A portable Rosco Dance Floor is available with advance notice.

***Please Note: Care must be taken to not damage either the wood or portable dance floors.**

Scenery may not be anchored to the floors in any manner. Masking tape may not be used as spike tape.

The use of Rosin is not allowed on the floors anywhere at anytime

4) Loading Info

Loading Dock: Located S.L.

Door Size: 9'H x 5'6"W

Access to Stage: Via 6' x 10' Lift Platform

6000 lb. limit

Truck Capacity: One 45' trailer w/ tractor (uncovered dock)

***Please Note: Advance notice is needed on all trucks and buses/coaches
Trucks 18'+ need to have the parking lot cleared and minimum 2 day
notice.**

5) Stage/Freight Elevator

Located U.S.R.

Door Size: 5'6"W x 6'2"H

9000 lb. limit

Travels from stage level to basement/dressing room level

6) Dressing Rooms

Dressing Rooms are located one floor below stage level.

Dressing Rooms have full bath and shower facilities

A LARGE: 13 people

B SMALL: 8 people

C LARGE: 13 people

D SMALL: 8 people

Green Room with refrigerator, table, chairs and couches is also available. Paging and Program audio feeds available to all dressing rooms and Green Room.

7) Motorized Rigging System

(26) Vortek Linesets

Vortek Electric Winch Control Panel: S.R.

Lineset Spacing: See Batten Schedule

Pipe Diameter: 1 1/2" Schedule 40 Black Pipe

Batten Length: 60'(Centered)

Lineset Capacity: 1500 lbs.

Lineset Speed: 30 feet per minute

*Please Note: Only authorized PAC staff are permitted to operate the rigging system.

Line Set Schedule

- 1 Apron Pipe (Electric)
- 2 Flown Projection Screen

- Main Valance – Dead Hung

- 3 Grand Drape
- 4 Border 1 and Martin Mac 550s (3)
- 5 Electric 1 +5 Source 4WRD COLOR LED wash fixtures
- 6 Downstage PAR Pipe (Electric) and Flown Monitors
- 7 Border 2 – Dead Hung
- 8 Downstage Orchestra Shell Ceiling and Legs 1
- 9 Downstage Vari-lite VL1000s (2) and Washbeams
- 10 Electric 2 +5 Source 4WRD COLOR LED wash fixtures
- 11 Open
- 12 Centerstage PAR Pipe
- 13 Border 3
- 14 Centerstage Orchestra Shell Ceiling and Legs 2
- 15 Centerstage Vari-lite VL1000s (2)
- 16 Electric 3 +5 Source 4WRD COLOR LED wash fixtures
- 17 Open
- 18 Border 4
- 19 Centerstage Traveler
- 20 Upstage Orchestra Shell Ceiling
- 21 Open (US PARs may be struck if needed)
- 22 Electric 4
- 23 Upstage Traveller
- 24 Border 5
- 25 Open
- 26 Cyclorama

Upstage Projection Screen – Dead Hung over
upstage crossover

8) Soft Goods

Traveling Grand Drape with Center Split (manually operated S.R.)

-56'W x 24'H; 50% fullness

Main Valance

-50'W x 7'6"H; 50% Fullness

(5) Borders

-60'W x 6'H

(3) Pairs of Legs

-13'W x 24'H

(2 Pair of 2 Panels) Black Travelers: Lessens depth of stage

-60'W x 24'H

Elevator Vestibule Masking

-12'W x 8'H

(4 Panels) Orchestra Pit Masking

-10'W x 7'H

Cyclorama (Bleach White)

-50'W x 24'6"H

Sharkstooth Scrim (White)

-50'W x 24'6"H

Sharkstooth Scrim (Black)

-50'W x 24'6"H

***Please Note: All soft goods are black, excluding cyclorama and where otherwise noted**

AUDIO SPECIFICATIONS / INVENTORY

1) Center Array

- EAW KF730 line array (6)

2) House Left/House Right Arrays

- EAW QX500i-Series (2 per side)

SOUND SYSTEM:

The Buffalo State Performing Arts Center sound system contains a premier quality concert PA system consisting of two [Eastern Acoustic Works QX500 series](#) boxes per side each containing 4x 12 in. low frequency cones, 1x. 2 in. exit 3.5 in. compression mid frequency, and 1x 2 in. exit, 1.75 in compression drivers. Each cabinet is rated for a maximum SPL of 145dB. From speaking engagements to A-list world touring musicians, the audience is evenly covered with crystal clear audio.

3) Lip Fill

- (6) EAW VFR69i

4) Subwoofers

- (4) Bag End Double 18 Infra-Subs (2 per side)

5) Stage Monitor Speakers

- (4) Electro Voice QRx112/75 (flown as side fills)
- (8) Electro Voice QRx112/75
- (10) Electro Voice QRx115/75
- (6) Electro Voice T221M
- (2) EAW VRM12

6) Amplifiers

- Crown IT-9000 – Left, Center, Right and Subs
- Lab Gruppen C-Series- Monitors

7) Signal Processing

- QSC Q-SYS

8) Audio Mixing Consoles

***All Mixing Consoles can be used at Front of House or Monitor Locations.**

***There are a total of 96 audio lines from stage to FOH (48 from each side).**

***There is a portable 48x3 transformer isolated split box to accommodate on stage monitor mixing.**

Analog Consoles

Midas Legend 3000

-48 Mono + 4 Stereo Input, LCR Panning

Soundcraft MH2

-48 Mono + 4 Stereo Input

Digital Consoles

Avid SC48

-48 Input / 32 Output

MIDAS M32

(medium format)

-32 Microphone Input

-16 Output

MIDAS M32R

(small format)

-16 Microphone Input

-8 Output

9) Compressors/Limiters (FOH)

- (2) dbx 1066 Dual Channel Compressors
- (3) Drawmer DL441 Quad Channel Compressors
- (1) Avalon AD2044 – Available with advanced notice
- (1) Summit Audio DCL-200 – Available with advanced notice

10) Compressors/Limiters (Monitors)

- (3) Drawmer DL441 Quad Channel Compressors

11) Gates (FOH)

- (3) Drawmer DS404 Quad Channel Gates

12) Gates (Monitors)

- (3) Drawmer DS404 Quad Channel Gates

13) Equalizers (FOH)

- (1) TC Electronics EQ-Station-8
- *(1) TC Electronic Motofader 64 is available for use at FOH.**

14) Equalizers (Monitors)

- (5) Klark-Teknik DN-370 – 10 Channels total

15) Signal Processors (FOH)

- (1) TC Electronics D2
- (1) TC Electronics M-One XL
- (1) Yamaha SPX-2000
- (1) Lexicon PCM-81
- (1) Eventide Eclipse – Available with advanced notice

16) Signal Processors (Monitors)

- (1) Lexicon MPX-1

***Signal Processors can be moved between FOH and Monitors with advanced notice**

17) Playback

- (1) Tascam CD-2000BT CD Player with Blue Tooth

18) Digital Audio Recording Equipment

- (1) Tascam SS-CDR1 Multi-Format Stereo Recorder (USB/SD/CF/CD)

***All recording requests require advanced approval**

19) Microphones

- (2) AKG 391-B
- (2) AKG C414B-XLS
- (2) AKG 451
- (5) AKG 535
- (2) AKG C1000
- (2) AKG C3000
- (4) Audio Technica 4050
- (4) Audio Technica 853
- (1) Audix D6
- (4) Audix OM-7
- (1) Beyerdynamic Opus 88
- (4) Crown PCC 160
- (2) Crown PZM
- (2) Electro-Voice RE20
- (4) Mojave Audio MA100
- (4) Neumann KM184
- (2) Neumann U87
- (2) Royer R121
- (3) Sennheiser MD421
- (5) Sennheiser E604
- (2) Sennheiser E609
- (1) Shure Beta 52
- (2) Shure Beta 57A
- (6) Shure Beta 58
- (1) Shure Beta 91
- (5) Shure Beta 98
- (4) Shure KSM 44
- (6) Shure SM57
- (2) Shure SM76
- (4) Shure SM81
- (2) Shure MX418/C (Gooseneck microphones for Lectern)

Shure AXIENT DIGITAL Wireless (4 Channels)

- (4) Handheld Transmitters with Beta 58a, SM87, SM87a, KSM8 (dual element) or KSM9 interchangeable element heads available
- (4) Beltpack Transmitters with WL50 elements
- (1) DPA 4088 over-ear (black)
- (3) Countryman ISOMAX E6 over-ear (tan)

***Please Note: Additional wireless channels are available with Advance Approval**

20) Direct Injection Boxes

- (5) Countryman Type 85 DI
- (2) Radial JDI
- (2) Radial ProAV2 Stereo DI
- (3) Telefunken TDP-2 Stereo DI

(2) Whirlwind Director DI

21) Microphone Stands and Cables

A sufficient amount of both are available in PRO QUALITY (no *Store Brands*)

22) Instruments – Available with Advanced Approval

- (1) Steinway 9' Grand Piano Model D
- (1) Yamaha Motif XS8 – 88 Key weighted keyboard
- (1) Kurzweill PC3K – 88 Key weighted keyboard

23) Instrument Amplifiers – Available with Advanced Approval

- (2) Fender Hot Rod Deville 4X10"
- (1) SWR Strawberry Blonde Guitar Amp
- (1) G & K 800 Bass Head with SWR Goliath III 4x10 Cabinet
- (1) Ampeg SVTVR Bass Head with Ampeg 4x10 Cabinet

24) Intercom

A 4 channel Clear-Com system is available with headsets and belt packs.
(10) WIRED, (4) WIRELESS

25) Projection Screen and Equipment

No laptop available for Power Point presentations

– please provide your media source and connectors

- DA-LITE 12'x 24' front surface projection screen
Located downstage of Grand Drape
- DA-LITE 16:9 rear projection screen complete
with valance and skirting is available upon
advance request
- CHRISTIE 4K10-HS 11K Lumen Laser Projector

LIGHTING SPECIFICATIONS AND INVENTORY

1) Light Board

ETC ION XE20

2) Dimmers

(196) 2.4 KW dimmers including houselights

3) Company Switch

100 Amp three phase located U.S.R.

INSTRUMENTS – Unit Plot may not be modified without Advanced Approval

1) ETC

(4) Source Four 10 Degree

(66) Source Four 19 Degree

(28) Source Four 26 Degree

(56) Source Four 36 Degree

(16) Source Four 50 Degree

(22) Source Four 25-50 Zoom

(36) Source Four Par

(24) Source 4WRD COLOR LED

2) Vari-lite

(4) VL 1000-ARC Shutter

3) Martin

(3) Mac 550

4) Altman

(5) Far Cyc 3-Cell

5) Lycian

(2) 1266-400 HTI Followspot

MULTICABLE

(12) 25'

(8) 50'

RISERS:**(6) 4'x8' Wenger Stagetek Platform Risers**

The following heights are available: 8", 12", 16", 24"

16" CASTER LEGS are available to make ONE 8'x8' rolling platform.

Choral Risers

(7) 3-step Wenger curved choral risers available with advanced approval

Ladders/Lift

A single man-lift and an assortment of ladders are available.

Use is dependent on permission of Production Manager.

Black Plastic Musician Chairs: 100

Music Stands with lights: 48