

TECHNICAL INFORMATION

Ron C. Cross Theatre



COLUMBIA COUNTY PERFORMING ARTS CENTER

1000 Market Street
Evans, GA 30809

➔ GENERAL INFO ➔

Directions

Columbia County Performing Arts Center is located off I-20
From I-20, take exit towards GA-383 N
PAC will be on your left in 5.3 mi

Contact Info

Matt Jameson - General Manager
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Rachael Salveter - Assistant General Manager
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Stage Door - Located at the loading dock

Green Room - Located upstage left in the BOH Corridor

Production Office - Visiting production office located in the
upstage right hallway behind the stage.

Seating Capacities

Orchestra Pit Seating	53 (if required)
Orchestra Seating	1064
Orchestra Box Seating	12 (loose)
Mezzanine Seating	287
Mezzanine Box Seating	24 (loose)
Balcony Seating	596
Balcony Box Seating	24 (loose)

Total with Orchestra Pit - 2,062

Total without Orchestra Pit - 2,007

Wheelchair Positions - 21 (Wheelchair quantity may affect overall seat count)

➤ LOADING DOCK ◀

Loading Area - Dock facility is outdoor and approx. 40' push to upstage right.

Dock Details - Three (3) Trucks may unload at the dock.

Loading Dock Door - 10'-0" W x 10'-0" H at truck height

Parking - Please inform Production Manager of all touring vehicles

Shorepower - [3] 50A, 120'208V, 1Ø receptacles (NEMA B-33) available

➤ CARPENTRY ◀

Stage Dimensions

Proscenium Width — 55'-0"

Centerline to SL Fly Rail — 47'

Proscenium Height — 26'-0"

Centerline to SR Wall — 50'

Plaster-Line to Back Wall — 39'-9"

Stage Floor to Gridiron — 68'-7"

Apron — 58'-4" W x 4'-1" D

Max. trim for system pipes — 64'-0"

SR Wall to SL Wall — 100'

Stage Floor - Hardboard over 2 layers ¾" Plywood, wood sleepers with resilient pads

No Traps | Loading - TBD

Rigging System - Single purchase counterweight system

Number of Lines - 44 Open Counterweight Lines

Arbor Capacity - (10'-0") : (2371) LB Capacity

Batten Length - 66'-0" - 30 PLF. Capacity

Available Weight - 64,000 lbs

Lineset Schedule - See table

House Draperies

Main Valence — (1) 63'-0" W x 10'-0" H

Travelers — 2 Pairs) Black travelers

Main Curtain — (1 Pair) 33'-0" W x 29'-0" H

Scrim — (1) 63'-0" W X 30'-0" H,
Black Sharkstooth

Legs — (4 Pairs) 33'-0" W X 29'-0" H

Side Tabs — (3 Pairs) 30'-0" W X 12'-0" H

Cyclorama — (1) 63'-0" W X 30'-0", Leno

Borders — (5) 63'-0" W X 10'-0" H

Apron Rigging - Beam Size: W12x22

7 Beams, 10-ft on center

Extend 28-ft downstage of Plaster Line

Beams at Center, SL, and SR include fixed speaker hoists

Speaker Cable is manual, requires enable at Catwalk 1

Beam Loading:

Gridiron Loading - Channels laid flat

Grid Wells, 10-ft on center

Note: Hatch for hoisting to grid at USR corner

Permitted Grid Loads:

Fire Safety Curtain - Framed, motorized lineshaft with counterweight

Manual Controls Location: DSR and DSL

Fly Floors - Elevation above deck:

Distance from centerline:

SL:

SR: Pinrail with belaying pins, Sandbags

Acoustic Draperies - Motorized, Orchestra Pit, House Sides (high)

Rear of each balcony, Over Audience: 5

LINESET SCHEDULE

FC	0'-4"	FIRE CURTAIN	HOIST-LINE SHAFT	2371 LBS
1	1'-4"	MAIN VALANCE	SINGLE PURCHASE CWT	2371 LBS
2	2'-4"	MAIN CURTAIN	SINGLE PURCHASE CWT	2371 LBS
3	3'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
4	3'-8"	HOUSE LEG #1	SINGLE PURCHASE CWT	2371 LBS
5	4'-4"	1ST ELECTRIC	SINGLE PURCHASE CWT	2371 LBS
6	5'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
7	5'-8"	HOIST	CWT ASSIST HOIST	2371 LBS
8	6'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
9	7'-8"	HOUSE LEGS #2	SINGLE PURCHASE CWT	2371 LBS
10	8'-4"	PROJECTION SCREEN	SINGLE PURCHASE CWT	2371 LBS
11	9'-0"	BORDER	SINGLE PURCHASE CWT	2371 LBS
12	11'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
13	11'-8"	2ND ELECTRIC	SINGLE PURCHASE CWT	2371 LBS
14	12'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
15	13'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
16	13'-8"	OPEN	SINGLE PURCHASE CWT	2371 LBS
17	14'-4"	BORDER	SINGLE PURCHASE CWT	2371 LBS
18	15'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
19	15'-8"	HOUSE LEGS #3	SINGLE PURCHASE CWT	2371 LBS
20	16'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
21	17'-0"	3RD ELECTRIC (HOIST)	CWT ASSIST HOIST	2371 LBS
22	18'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
23	19'-0"	MS BLACK TRAVELER	SINGLE PURCHASE CWT	2371 LBS
24	21'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
25	21'-8"	OPEN	SINGLE PURCHASE CWT	2371 LBS
26	22'-4"	BORDER	SINGLE PURCHASE CWT	2371 LBS
27	23'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
28	23'-8"	HOUSE LEGS #4	SINGLE PURCHASE CWT	2371 LBS
29	24'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
30	25'-8"	OPEN	SINGLE PURCHASE CWT	2371 LBS
31	26'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
32	27'-0"	4TH ELECTRIC (HOIST)	CWT ASSIST HOIST	2371 LBS
33	28'-4"	BORDER	SINGLE PURCHASE CWT	2371 LBS
34	29'-0"	5TH ELECTRIC (CYC ELEC)	SINGLE PURCHASE CWT	2371 LBS
35	31'-0"	HOUSE LEGS #5	SINGLE PURCHASE CWT	2371 LBS
36	31'-8"	OPEN	SINGLE PURCHASE CWT	2371 LBS
37	32'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
38	33'-8"	CYC	SINGLE PURCHASE CWT	2371 LBS
39	34'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS
40	35'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
41	36'-4"	US BLACK TRAVELER	SINGLE PURCHASE CWT	2371 LBS
42	37'-0"	OPEN	SINGLE PURCHASE CWT	2371 LBS
43	37'-8"	OPEN	SINGLE PURCHASE CWT	2371 LBS
44	38'-4"	OPEN	SINGLE PURCHASE CWT	2371 LBS

➤ ORCHESTRA PIT ➤

Size - 58'-4" W x 9'-11" D

- Pit lift is curved at dowstage edge; 9'-11" depth is obtained at center stage
- Orchestra pit lift
- Pit in use by orchestra is 9' below stage level
- Can be seated; seats are wagon mounted
- Audience Guard can be removed at quarter aisles for seating access, or the entire rail may be removed.
- Orchestra Pit net at stage level; manual.

Lift Details - Serapid Motorized Lift

Speed: 6fpm

Sustained Load: 150psf

Lifting Load: 50 psf

Concentrated Load: 1000lbs in 3sf

Maximum Lifting Load: 22,000 LBS

Pit Lift is NOT designed for lifting people.

➤ CABLE PASS / FIXED ROUTES ➤

The facility contains easy cable pass route between all technical locations.

Cable Pass Routes

Dock to US Right — approx. 75'

Support Corridor to USL — approx. 20'

Stage Right to Pit — approx. 10'

Stage Left to Pit — approx. 10'

Stage Right to Forestage— approx. nil

Stage Left to Forestage — approx. nil

Pit Left to Booth — approx. 120'

Pit Right to Booth — approx. 120'

House Mix to Booth — approx. 35'

Stage Right Mid-Rail to Forestage — approx. nil

Stage Left Mid-Rail to Forestage — approx. nil

Catwalk Prosc Wall Left to Followspot — approx. 125'

Catwalk Prosc Wall Right to Followspot — approx. 125'

➤ LIGHTING ➤

Control Position - Primary position in control booth House Right
 Secondary position at House mix HL
 Secondary position DSL
 Secondary Position DSR
 Secondary Position Tech Table

Lighting Positions - TP = Thru-Power modules that may be set to dim or switch,
 MB = Motorized Breaker
 Busways are switch

LOCATION	20CIR	POWER	DMX	NET
FOH Catwalk 3 HR	1-19 TP	100A 3p Busway	1	1
FOH Catwalk 3 HL	20-38 TP	100A 3p Busway	1	1
Followspot		100A 3p Busway		
FOH Catwalk 2	39-68 TP	100A 3p Busway	1	1
FOH Catwalk 1		100A 3p Busway	1	1
Midrail SR	71-75 TP	200A 3p Busway	10	6
Midrail SL	76-80 TP	200A 3p Busway	10	6
Grid		100A 3p Busway		

Bal Rail	81-85 TP	(6) L6-20	1	3
Forestage Boom L High	87-88 TP		1	1
Mezz Rail	89-94 TP		1	3
Upper Box 3L	95 TP		1	1
Upper Box 3R	96 TP		1	1
Upper Box 2L	97 MB		1	1
Upper Box 2R	98 MB		1	1
Upper Box 1L	99 MB		1	1
Upper Box 1R	100 MB		1	1
Lower Box 3L	101 MB		1	1
Lower Box 3R	102 MB		1	1
Lower Box 2L	103 MB		1	1
Lower Box 2R	104 MB		1	1
Lower Box 1L	105 MB		1	1
Lower Box 3R	106 MB		1	1
DSL	107-110 MB		1	3
DSR	111-114 MB		1	3
SR Wall		(2) 400A 3P Co Sw	1	2
		(1) 100A 3P Co Sw		
USR	115-118 MB		1	1
USCR	119-121 MB		1	1
USCL	122-124 MB		1	1
Pit Lift	125-128 MB		1	1
Pit Shelf	129-132 MB		1	1
Forestage Boom R High	137-138 MB		1	1
Forestage Boom L Low	139 MB		1	1
Forestage Boom R Low	140 MB		1	1

Lighting Data Distribution

Each Installed DMX point is fed by an independent node port

(2) Portable 2 port nodes with (2) Outputs

(1) Portable 2 port node with (2) Inputs

Lighting Console

ETC ION XE 12,000 with 2x20 fader wing and (2) monitors

Instrument Inventory

100) ETC Source 4 LED S2 Luster+

(145) ETC Color Source LED Deep Blue

(42) ETC D-40 Luster+

(22) ETC Color Source Cyc

(61) ETC Lens Tube for Source Four Ellipsoidals: 10 Degree

(10) ETC Lens Tube for Source Four Ellipsoidals: 70 Degree

10) ETC Lens Tube for Source Four Ellipsoidals: 90 Degree

(25) ETC Enhanced Definition Lens Tube for Source Four Ellipsoidals: 19 Degree

(130) ETC Enhanced Definition Lens Tube for Source Four Ellipsoidals: 26 Degree

(10) ETC Enhanced Definition Lens Tube for Source Four Ellipsoidals: 36 Degree

(10) ETC Enhanced Definition Lens Tube for Source Four Ellipsoidals: 50 Degree

Followspots

(3) Robert Juliat – Arthur LED Long Throw

Source: LED 800 W

Optics: 5.5° to 15° zoom

Colour temperature: Cool White

Architectural Lighting Controls

Paradigm has basic presets, work light control and house light control

There is (1) portable controller at the console and (1) portable controller at the stage

Power Distribution

Buss Plugs:

(6) with (1) L18-20

(10) with (3) Stage Pin Connectors

(6) with (1) L6-20 and (1) Stage Pin Connector

(10) with (1) Socapex Compatible Tail – Cir 6 can be independently fed or fed off the Busway. These are the primary feeds for onstage electrics.

Stage Edge Marker

There is a forestage edge marker system with ¼ point and center line marks

➔ SOUND ➔

FOH Mix Position – Orchestra Center in Rows Q & R

Hearing Assist – Available to patrons upon request

Paging System – Backstage paging available; speakers throughout backstage areas

Equipment Inventory

House L/C/R Line Arrays: d&b Y8/Y12 – 10 boxes per side

d&b Y Sub – 2 boxes per side (Left and Right Only)

FOH Subs: d&b J-Sub – 2 per side

FOH Console: Yamaha CL5 w/ (1) RI03224 & (1) RI01608

MON Console: Yamaha CL3

Front Fills, Box Fills, & Balcony Fills: d&b E5 and E6 throughout the house

Overbalcony Fills: d&b Y12 – three single box hangs

Microphones: Inventory available upon request

Portable Loudspeakers: d&b E6 – 16

d&b E8 – 10

d&b E12 – 4

d&b E15X-Sub – 2

16 channels of amplification

Monitor loudspeakers: d&b MAX2 Wedges – 12

d&b E15X-Sub (drum sub) – 1

d&b V7P (Sidefills) – 2

16 channels of amplification

➔ VIDEO ➔

Screen – 17' x 30' dual surface screen

16:9 aspect ratio

Projector – (1) Insight Dual Laser 4K LED 27,000 lumens

➤ DRESSING ROOMS / WARDROBE ◀

TYPE	CAPACITY	PRIVATE BATHROOM	SHOWERS
Star Dressing Room 1	4	Yes	1
Star Dressing Room 2	4	Yes	1
Chorus Dressing Room 1	12	Yes	1
Chorus Dressing Room 2	12	Yes	1
Chorus Dressing Room 3	12	Yes	1
Guest Office 1	14' W x 10' D	No	0
Guest Office 2	14' W x 10' D	No	0
Catering	18'-7" W x 14'-6" D	No	0
Green Room	16'-5" W x 24' D	No	0
Wardrobe & Laundry	41'-7" W x 10'-11" D	No	0