

# 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

Josh Small - General Manager  
706.447.6768 | [jsmall@columbiacountyga.gov](mailto:jsmall@columbiacountyga.gov)

**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 Y8/12 – 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