

# Tift County High School Performing Arts Center Technical Specifications

## DIMENSION INFORMATION

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### STAGE DIMENSIONS

Proscenium .....	Width 60' 5" Height 20' 9 ½"
Proscenium to Apron .....	9' 2 ½" at center point
Stage Extension Width Orchestra pit.....	8' 7 ½"
Curtain line to back wall Depth.....	40'
Curtain line to last line .....	29' 6"
First line to last line.....	21'-6"
Distance from edge of stage to Act Curtain line at center (including 8' 7' ½" pit cover).....	17" 10"
Stage Center to SL fly gallery .....	24' 8"
Stage Center to SR fly gallery .....	25' 2"
Wing space SL .....	18' 2"
Wing space SR.....	18' 2"
Backstage crossover width .....	11' 4"

**Stage Floor** (including wing space): Hardwood maple parkay flooring over poured concrete.  
There are no trap doors or stage crossovers. Please no nailing or screwing into the stage floor.

### LOADING DOCK

Loading doors.....	8'w x 10'h.
Dock height from street level .....	16"

Outside, stage level, off upstage right. Will accommodate one tractor trailer.

Trailer will need to be dropped, and truck can be parked in rear of Faculty Lot during school days or Student Lot at discretion of Facilities Coordinator.

### ORCHESTRA PIT

Orchestra Pit .....	8' 4" at center x 38'
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Entrance from house right hallway.

## SOFT GOODS

2 pair black legs..... 18' wide x 21' high  
 2 black borders..... 70' wide x 5' high  
 See Hanging Plot  
 Act Curtain horizontal opening (manual SL), also mid and back travelers (manual SL)

## FLY SYSTEMS

See hanging plot for details

Type..... Electric Wench  
 Weight..... 1200 lbs  
 Batten Lengths ..... 65'  
 Length of wing battens ..... 32' 10"  
 Fly Height ..... 42'  
 low point 5' off stage  
 floor for electrics, all others dead hung.

## HANGING PLOT

Ref	Name	Type of Rigging	Position behind Plaster Line
1	Valance	Dead Hung	0' 5"
2	Act Curtain	Dead Hung/Manual Open	1' 0"
3	Electric 1	Line Shaft Winch	2' 6"
4	Retractable A/V Screen	Dead Hung	4' 0"
5	Border 1	Dead Hung	4' 6"
6	Legs 1	Dead Hung	5' 6"
7	Electric 2	Line Shaft Winch	6' 6"
8	Border 2	Dead Hung	10' 6"
9	Mid-stage Traveler	Dead Hung/Manual Operation	11' 6"
10	Utility Batten	Dead Hung	12' 6"
11	Utility Batten	Dead Hung	13' 6"
12	Border 3	Dead Hung	14' 6"
13	Legs 2	Dead Hung	16' 0"
14	Electric 3	Line Shaft Winch	18' 0"
15	Utility Batten	Dead Hung	21' 0"
16	Rear Traveler	Dead Hung/Manual Operation	22' 0"

## ELECTRICAL INFORMATION

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DMX Connections are located throughout facility at Sound table (1); 1<sup>st</sup> row L and R (2); and Backstage L & R (2) and in the lighting booth.

## LIGHTING INSTRUMENT INVENTORY IN HOUSE PLOT

Quantity	Instrument	Wattage
16	<a href="#">Elation Opti Zoom</a> Variable 20°-50°	575w (750w max)
9	<a href="#">Elation Opti Par</a>	575w
11	<a href="#">Colortran ME 62B Mini Ellipsoidal</a> Variable 30°-50°	500w
10	<a href="#">LE AQ61 Ellipsoidal</a> Variable 20°-30°	575w (750w max)
2	<a href="#">LE BR40/PAR38 6' - 12 light Border Lights</a> (8 CIRCUITS)	150/300w
24	PAR Cans	500w
5	3-Cell Cyc	500w
6	2-Cell Cyc	575w

## LIGHTING CONTROL

Theatrical Lighting Control – Computerized using ETC Expression

- Express Boot Vsn 1.02
- Software: [DPro U2 DMX Lighting Control](#) or [Chamsys MagicQ](#) (MagicQ works through laptop only, not with hardware wings)
- Programming input: software and/or [Enttec Program Wing](#)
- Show control: software and/or [Enttec Playback Wing](#)
- DMX Interface: [Enttec DMX USB Pro](#)
- DMX Distributor: [Blizzard Pipeline 8-way DMX Distributor](#)

Leviton Architectural Lighting Control System (8 Scenes + Max & Off) [Master Control](#) located Back Stage Left. Additional Emergency button control at rear of house. 3 button controls (Max, Scene 1, Off) located at rear stage door, Stage Left and in Lighting Control Booth.

96 dimmers @ 2.4kw; dimmer per circuit.

[ETC Sensor3 Dimming System](#)

[Leviton A-2000 Modular Dimming Cabinet](#)

[Leviton i96 Dimmer Rack](#)

## DIMMER PLOT

Cove dimmers: 1-20

First Electric: 21-56

Second Electric: 57-92

Third Electric: 93-110 (Mirrored)

Stage Connections: 111-124

Side Lights dimmers for stage extension 63-65 Stage L (SL); 66-68 Stage R (SR)

House Light dimmers 158-166 & 172-179 & 184-191

126-250 for moving lights

## SOUND SYSTEM

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[Yamaha TF5 Digital Sound Board](#) : 40 Channels running and 20 free for access

Rack Set-Up:

[Atlas Soundolier Sequencer](#)

Digital Sound Processor:

[London Blu-100](#)

AMPS:

[Crown CDi2000](#) (4 for House Speakers)

[Crown K2](#) (1 for Stage Monitors)

[QSC MX700](#) (1 for Dressing Room Monitors)

[TOA 500](#) (1 for Lobby Monitors)

Speakers:

[JBL AM7315/64](#)

(2) Main Center Softfit, (1) Main Left Softfit, (1) Main Right Softfit, (3) Delay Balcony

Subwoofer:

[JBL ASB7118](#) (2) House Left & Right

## PLAYBACK INVENTORY

[Tascam CD-200iL](#) : multipurpose player equipped w/ 1/8" aux hook-up, iPod/iPhone lightning dock, & CD slot

[Tascam MD-350](#) : Mini-Disc Player (Yea, our Choir Director is old school 😊)

## MICROPHONE INVENTORY

[EV ND767A](#) WIRELESS HAND-HELD MICS (2)

[EV CSB 1000](#) Wireless Lavelier Mics (2)

[EV Clear Scan RE-1](#) Receivers (2)

[Audix OM-2](#) Wired Mics (4)

[Sennheiser EW145 G3](#) Wireless Hand-held Mics (4)

# MISCELLANEOUS

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1 speaker's podium  
9- Wenger Tourmaster 3-step choral risers and back safety rails  
1- 7' Yamaha Concert Grand Piano  
1- 20' wooden A-frame ladder (to reach electrics at trim height)  
1- Scissor Lift (Has to be scheduled to be at school if needed)  
Small dance studio available when school is not in session  
Small black box theatre available when school is not in session  
No food, drink or smoking allowed on the main stage and in the orchestra pit or adjacent areas. Prop food and receptions excluded.

## SEATING

Balcony.....	186 Seats
Main Floor.....	599 Seats
Total .....	785 Seats

\*Ability to set out up to 60 standing-room-only seats [45 on Main Floor and 15 in Balcony]

## AV CONTROL SYSTEM

Crestron Control Processor with Wifi Wall Touch Panel Located at sound desk in the rear of house.

## DRESSING ROOM DESCRIPTION

Located back stage left.

Dressing room is equipped with lights and mirrors, and chairs.

Sinks, and toilet room is inside of the dressing room and is unisex.

Dressing room capacity is maximum 6 people.

## PROJECTION

Seamless Muslin Cyclorama 20' H x 60' W (see hanging plot for location).

### PROJECTION SYSTEM

\*Currently mobile and details upon request

## FOOD AND DRINK

NO FOOD, DRINK OR SMOKING ALLOWED ON THE MAIN STAGE AND IN THE ORCHESTRA PIT OR ADJACENT AREAS. PROP FOOD AND RECEPTIONS EXCLUDED