

DUNCAN T H E A T R E

PALM BEACH STATE
COLLEGE

Duncan Theatre at Palm Beach State College
4200 Congress Avenue, MS 62
Lake Worth Beach, FL 33461

Duncan Theatre Technical Specifications

Updated 2019/20

CONTACT: Joshua Schneider Technical Director/Technical Production Supervisor
OFFICE: 561-868-3313
FAX: 561-868-3317
E-MAIL schneidj@palmbeachstate.edu

SEATING: Total Seating 698
Orchestra 476 (Accommodate up to 10 wheelchairs)
Balcony 222

STAGE: Proscenium opening- 42' wide, 19' high (12.80m x 5.79m)
Depth- 36' (10.97m)
Grid Height- 48' (14.63m)
Wing space stage right- 20' x 20' (6.09m x 6.09m)
Wing space stage left- 10' x 36' (3.04m x 10.97m)
Shop opens onto rear of stage through a 20' x 14' (6.09m x 4.26m) door.
Mechanical orchestra pit downstage of proscenium and is capable of handling 40-45 musicians. Travel time from lowest point to stage level is approximately 1 minute.

Stage is a RESILIENT maple floor. *Nailing or drilling is not permitted.

FLY SYSTEM: The system has 34 counterweighted lines with the first 5 lines being Single Purchase running from the floor stage left. The remaining 29 lines are Double Purchase running from an operating gallery stage left. There are 4 designated electrics with raceway power.

DRESSING Rm: There are two 2 large "team dressing" rooms and 2 small "star" dressing rooms. The dressing rooms and green room are located stage left.

LIGHTING:	ETC Sensor Dimming Rack	192-2.4k Dimmers located up Stage Right
	ETC Sensor Portable Dimming rack	24-2.4K Dimmers located Stage Left on pin rail
	ETC Ion Console	
	ETC Source Four Lekos:	10-50° Fixtures
		90-36° Fixtures
		70-26° Fixtures
		20-19° Fixtures (FOH)
	ETC Source Four Parnel:	56-Parnel Fixtures

*All lamps are HPL 750 watt except Lighting Booms Fixtures

ETC D-60 LED Wash lights	15- Fixtures with Medium Round Lenses
Altman Spectra-400 Cyc lights	6- fixtures
Phoebus I-Marc 850 Follow Spots	2- units
Iris Inserts	12-units
12' Lighting Booms with side arms	8-units

VIDEO SYSTEM: Apple I Mac Computer
 Q-LAB
 Epson PRO L 1755UNL-3LCD 15000 lumen Projector WUXGA
 (1920 x 1200) 16:10 - 1080p (Requires HDMI Input)
 Epson ELP LM15 Medium Throw Lens
 Focusing Length:36 to 57.4mm
 Zoom Ratio: 1 to 1.6
 F Number 1.8 to 2.35
 Panasonic DMP-BD60 Blu-Ray Disc Player
 Da-Lite Fast Fold Front Projected Screen 12' by 22'

SOUND SYSTEM: FOH Sound Console:	1- Yamaha M7CL 48
(Located in Control Booth at rear of Balcony)	
Monitor Console:	1- Yamaha M7CL 48
(Located on deck Stage Left)	
Wedges:	6- Grund GT1220
	4- Grund ST122
	2- Yamaha CM15V

BASIC PA SYSTEM: <u>Renkus Heinz Point Source:</u>	4- ST4-64 Sides
	2- STX2/64 Center Cluster
	4- CM-61 Under Balcony
<u>Electro Voice:</u>	4- X12-128 Sub Enclosures

ADVANCED PA SYSTEM:	<u>Electro Voice X2 Line Array:</u>	8- X2 212/90 Enclosures Sides
		4- X2 212/120 Enclosures Sides
		4- X12 128 Sub Enclosures
		5- EVU 2082 Front Fills
		6- TG7 Power Amplifiers

1- N8000 Matrix Processor

PLAYBACK:

2- Tascam Cd-200SB CD Players

1- Sony Mini-Disc Player

SOFT GOODS:

6- pair	Black Velour	Legs	24'x10'	(7.31m x 3.04m)
6-	Black Velour	Borders	8'x50'	(2.43m x 15.24m)
1-	Black Velour	Mid-stage Traveler	22'x45'	(6.70m x 13.71m)
1-	Black Sharkstooth	Scrim	24'x46'	(7.31m x 14.02m)
1-	White Plastic	Cyc	26'x56'	(7.92m x 17.06m)

Main Curtain and Valance are Maroon

All soft goods are sewn flat with the exception of Mid-stage Traveler.

Legs 2, 3 and 4 are fixed with side arms for masking the wings.

Electrics 1-4 have fixed raceways for power.

The Mid-stage Traveler is on a fixed batten and does not move.

Wenger StageTek Risers:

4- 4'X4' Risers

10- 4'X8' Risers

All risers can be 8", 16" and 24"

Masking for risers

2- 8" x32'

2-16" x32'

2-24" x32'

MICROPHONE INVENTORY

Wired - Vocal			Wireless		
MAKE	MODEL	QUANTITY	MAKE	MODEL	QUANTITY
Sennheiser	E 835	9	Audio Technica	ATW R310 HH	1
Sennheiser	Podium (MZH 3042)	1	Sennheiser	G2 ew100 E 835	3
Shure	SM 58	10	Sennheiser	G3 ew100 E 835	3
Shure	Beta 58A	6	Sennheiser	G3 ew100 ME II lapel	3
Shure	12" Podium (MX412/C)	1	Shure	ULX D2 Beta 58A	12
Shure	18" Podium (MX418/S)	1	Shure	ULX D2 KSM 9 Head	2
Shure	Unidyne III	2	Shure	ULX D2 KSM 9HS	2
			Shure	Head	2
			Shure	ULX D1 w/ B3 lapel	12
Wired - Instrument			Direct Boxes		
MAKE	MODEL	QUANTITY	MAKE	MODEL	QUANTITY
AKG	C 391 B	3	Countryman	Type 85 (active)	1
AKG	C 214	2	Countryman	DT 10 (active)	1
AKG	C 414 B-ULS	3	Radial	PRO D2	2
AKG	C 414 XLS	2			
Audio Technica	AT 3031	2	Whirlwind	Director	2
Sennheiser	E 602	1	Whirlwind	EDB1	4
Sennheiser	E 604	4	Whirlwind	Hotbox (active)	2
Sennheiser	E 609	2	Whirlwind	IMP 2	4
Sennheiser	MD 421 II	4	Whirlwind	PC DI	2
Shure	SM 57	8			
Shure	SM 81	4			
Shure	Beta 52A	1			
Shure	Beta 57A	4			
Shure	Beta 91A	1			
Shure	Beta 98 AD/C	4			
Shure	Beta 98 H/C	2			
Stedman	N 90	1			
Wired - Area					
MAKE	MODEL	QUANTITY			
Audio Technica	ES 933/ML	3			
Crown	PCC 160	4			
Shure	MX 202	6			

Line set number	Distance from Proscenium	Purpose
1	1'-0" (30.48cm)	Valance
2	1'-8" (50.8cm)	Main Curtain*
3	2'-4" (71.12cm)	Leg 1
4	3'-3" (.990m)	#1 Electric*
5	4'-8" (1.42m)	Screen/Open
6	5'-4" (1.62m)	Open
8	6'-4" (1.93m)	LED Electric
9	7'-0" (2.13m)	Open
10	7'-8" (2.33m)	Border 1
11	8'-2" (2.48m)	Leg 2*
12	9'-0" (2.74m)	#2 Electric*
14	11'-0" (3.35m)	LED Electric
17	12'-4" (3.75m)	Open
18	13'-0" (3.96m)	Screen/Open
19	13'-9" (4.19m)	Border 2
20	14'-4" (4.36m)	Mid-Stage Traveler*
21	15'-0" (4.57m)	Leg 3*
23	16'-4" (4.97m)	#3 Electric*
25	18'-0" (5.48m)	LED Electric
27	19'-0" (5.79m)	Open
28	19'-8" (5.99m)	Open
29	20'-4" (6.19m)	Border 3
30	21'-0" (6.40m)	Leg 4*
31	21'-8" (6.60m)	Open
33	23'-0" (7.01m)	#4 Electric*
35	24'-8" (7.21m)	Border 4
36	25'-4" (7.72m)	Leg 5
38	26'-5" (8.05m)	Scrim
39	27'4" (8.33m)	Open
40	28'-0" (8.53m)	LED Cyc Electric
42	29'-1" (8.86m)	Leg 6/Open
43	29'-9" (9.06m)	Open
44	30'-8" (9.34m)	Full stage black*
45	31'-1" (9.47m)	Cyc*

DIRECTIONS TO PALM BEACH STATE COLLEGE
DUNCAN THEATRE

FROM I-95:

Take 6th Avenue South, exit 63. Travel west one mile to the first traffic light. Turn right onto the college campus. The Duncan Theatre is the first building on the left.

FROM FLORIDA TURNPIKE

Take the Lake Worth exit. Travel east on Lake Worth Road for approximately four miles to Congress Avenue. Turn right on Congress, go to the second traffic light which is 6th Avenue South and turn left. Turn left at the first traffic light onto the college campus. The Duncan Theatre is the first building on the left.

The Loading Dock and Stage Door are on the South side of the building.