

# DUNCAN T H E A T R E

PALM BEACH STATE  
COLLEGE

## AT PALM BEACH STATE COLLEGE

4200 Congress Avenue, MS 62

Lake Worth, FL 33461

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### **Duncan Theatre Technical Specifications 2018/19**

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**Seating:** 698 total seating.  
476 Orchestra (Accommodate up to 10 wheelchairs)  
222 Balcony

**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'x20' (6.09m x 6.09m)  
Wing space stage left- 10' (3.04m)  
Shop opens onto rear of stage through a 20' x 14' (6.09m x 4.26m) door.  
Mechanical orchestra pit downstage of proscenium is capable of handling 40-45 musicians. Travel time from lowest point to stage level is approx. 1 minute.  
Stage is a resilient maple dance floor, nailing or drilling is not permitted.

**Fly System:** The system is 34 counterweighted lines, with the first five lines being single purchase running from the floor stage left. The other lines are double purchase running from an operating gallery stage left. There are four designated electrics.

**Dressing Rm.** There are two large "team" dressing rooms, and two small "star" dressing rooms. The dressing rooms and green room are located stage left.

**LIGHTING:** E.T.C. Ion Console, 192- 2.4K dimmers  
Instruments included: 90 ETC Source Four Lekos 36 Degree  
70 “ “ “ “ 26 “  
20 “ “ “ “ 19 “ FOH  
56 ETC Parnels 750  
6 Altman Spectra-cyc 400 cyc lights.  
2 Phoebus I-Marc 850 Follow spots  
8 12’ Lighting booms with sidearms  
15 ETC D-60 LED Wash lights  
9 Iris inserts

**VIDEO SYSTEM:** Sony VPL-FX500L Data Projector. (VGA and Component input only)  
Panasonic DMP-BD60 Blu-Ray Disc Player.  
Screen: 12’X 22’ Front Da-lite fast fold.

**SOUND SYSTEM:** FOH console: Yamaha M7CL 48 located in the control booth at the rear of the balcony.  
Monitor console: Yamaha M7CL 48.  
Monitors: 6- Grund GT1220 Wedges  
4- Grund ST122 Wedges  
2- Yamaha CM15V Wedges  
2- EV SH 1502 Side fills

**BASIC FOH SYSTEM:** FOH Speakers: Renkus Heinz: 2- STX2/64 (center cluster)  
4- ST4-64 (sides)  
2- DRS-18-2 (subs)  
4- CM-61 (under balcony)

**ADVANCED FOH SYSTEM:** Electro Voice X-2 Line Array: 8-X2-212/90 Enclosure  
4-X2-212/120 Enclosure  
4-X12-128 Sub Enclosure  
6-TG7 Power Amplifiers  
1-N8000 Matrix Processor  
5 EVU-2082 Front Fills

### **Playback Equipment**

2 Tascam CD-200SB CD players  
1 Sony Mini-disc player  
Tascam CD-RW901SL CD recorder

## MICROPHONE/ DIRECT BOX INVENTORY

Wired - Vocal			Wireless		
MAKE	MODEL	QUANTITY	MAKE	MODEL	QUANTITY
Sennheiser	E 835	9	Audio Technica	ATW R310 HH	1
Sennheiser	Podium Gooseneck	1	Sennheiser	G2 ew100 E 835	3
Shure	SM58	10	Sennheiser	G3 ew100 E 835	3
Shure	Beta 58A	6	Sennheiser	G3 ew100 ME II LAV	3
Shure	Podium Gooseneck	1	Shure	ULX D2 Beta 58A	8
Shure	Unidyne III	1	Shure	ULX D2 KSM 9 Head	1
Wired - Instrument			Direct Boxes		
MAKE	MODEL	QUANTITY	MAKE	MODEL	QUANTITY
AKG	C 391 B	3	Countryman	Type 85 (active)	2
AKG	C 214	2 (pair)	Radial	PRO D2	2
AKG	C 414 B-ULS	3	Whirlwind	Director	2
AKG	C 414 XLS	2 (pair)	Whirlwind	EDB1	4
Audio Technica	AT 3031	2	Whirlwind	Hotbox (active)	2
Sennheiser	E 602	1	Whirlwind	IMP 2	2
Sennheiser	E 604	4	Whirlwind	PC DI	2
Sennheiser	E 609 Silver	2			
Sennheiser	MD 421 II	4			
Shure	SM57	6			
Shure	SM81	4			
Shure	Beta 52A	1			
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			

**SOFT GOODS:**

6 -pair black velour legs 24' x 10' (7.31m x 3.04m)

6 -black velour borders 8' x 50' (2.43m x 15.24m)

1 -midstage black velour traveler 22' x 45' (6.70m x 13.71m)

1 -black velour blackout drop 22' x 45' (6.70m x 13.71m)

1 -black sharkstooth scrim 24' x 46' (7.31m x 14.02m)

1 -white plastic cyc 26' x 56' (7.92m x 17.06m)

Main curtain and valance are maroon

**\*All soft goods are sewn flat with the exception of the mid-stage traveler.**

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

**\*Electrics 1-4 are fixed power.**

**\*The mid-stage traveler is fixed.**

<b>Line set number</b>	<b>Distance from Proscenium</b>	<b>Purpose</b>
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)	Border 2
19	13'-9" (4.19m)	Screen/Open
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)	Open
39	27'4" (8.33m)	Scrim
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*

\*- fixed

**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.

The loading dock and stage door are on the south side of the building. Turn left at the first intersection on the campus, and then the first right.

**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.