



Olympia Theater at the
GUSMAN CENTER
for the Performing Arts

Theater Location: 174 E. Flagler Street, Miami FL 33131
Administrative Offices and Mail: 169 E. Flagler Street, Suite 837, Miami, FL 33131
Load-In to Backstage: 201/2 SE 2nd Avenue (Down 118' Alley)

Technical Specifications Summary

The Olympia Theater at Gusman Center for the Performing Arts, designed by noted architect John Ebersson, opened in 1926 as a Vaudeville house operated by Paramount Pictures. It was added to the National Register of Historic Places in 1984. The theater's decorative paint and plaster underwent a complete restoration in summer 2002.

Seating capacity:

Orchestra:	730
Balcony:	<u>837</u>
Grand Total:	1,567

PERSONNEL

- | | | |
|----------------------------------|-----------------|---|
| ▪ Director | Margaret Lake | Tel (305) 374-2444, ext. 201
Fax (305) 374-0303 |
| ▪ Administrative Assistant | Vanessa Moreira | Tel (305) 374-2444, ext. 202 |
| ▪ Front of House Manager | | Tel (305) 374-2444, ext. 205 |
| ▪ Box Office Manager | Miguel Aleman | Tel (305) 374-2444, ext. 206
Box Office Tel (305) 372-0925 |
| ▪ Operations & Technical Manager | Joyce Fleming | Tel (305) 374-2444, ext. 203 |
| ▪ Head Carpenter | Bruce Fisher | Tel (305) 374-9561, ext. 230
Fax (305) 579-2024 |
| ▪ Master Electrician | | Tel (305) 374-9561 |
| ▪ Audio Engineer | Tony Russo | Tel (305) 374-9561 |
| ▪ IATSE Local 500 Business Agent | | Tel (954) 202-2624 |

LOADING

Loading in to the theater is through a narrow alley 9' wide X 118' long. The alley is specified for 3 ton Model A truck.

Note: you must obtain and post on your vehicle a City of Miami on-street parking permit to unload or load on SE 2nd Avenue. The permit price is \$100.00 cash and must be presented at time of load-in. An off-duty police officer, paid in cash at the current rate, is also required. Trucks longer than 24' will not fit into alley. Entrance to the stage is through double doors 10' high 5' wide with a 90 degree turn onto stage.

Scenery 20' tall or longer (by 3' wide) must be disassembled.

THEATER DIMENSIONS

- Proscenium: 41' 1" W x 29' 5" H
- Orchestra pits: 2 with screw jacks, outer 9' 7-3/4", inner 11' 7-3/4"
- Stage depth: 28' 7" plaster line to back wall
- Stage depth with apron: 41' 5/8"
- Stage width: wall to wall 65' 6"
- Grid height: 64' 8"
- Balcony rail to proscenium face: 46' 6"
- Balcony rail to plaster line: 51' 4"
- Projection booth to plaster line: 122'
- Projection booth to back wall of stage: 148'
- Sound and light booth is in center orchestra, it is 19' 7" wide by 8' deep
- Booth is 75' from plaster line
- Wing space SR: 14' 5". SL: 9' 11"
- Fly rail S.R. 13' 4" above stage
- Battens: all battens are 1 1/2" pipe 1' truss battens with 4 line sets per batten.
- There are only 4 lines per pipe, no center pick. All battens 49' long.
- Line sets 2, 3, 29, 30, 31, 32 and 33 are double purchase; sets 1, 4-28 are single purchase.

STAGE FLOOR

Stage floor surface is 25/32" x 2-1/4" tongue and groove white maple stained black. Subfloor and sleepers sit on resilient pads. Caution must be used with heavy loads not to over compress.

DRESSING ROOMS

- Available stage left and right, on second level.
- SR: 3 rooms with private showers, 2 people per room.
- SL: 2 large choral rooms with showers and 6 additional rooms with private showers, 2 people per room.
- A quick-change room is available stage level, stage left only.
- All dressing rooms are equipped with paging system.

LOADING INTO DRESSING ROOMS

- SL is accessible through Olympia building elevators with prior notice.
- SR up one flight of stairs no elevator.

COMMUNICATION

- The theater is equipped with a clear com intercom system accessible from stage right + 4 wireless belt packs.
- There are 6 stations always in place: 2 spots, 1 sound, 1 light board, 1 fly rail, 1 stage manager.

ELECTRICS

- One (1) – 600 amp three phase, 5 wire company Switch located upstage right on back wall
- Two (2) - 200 amp three phase services in Flagler Alley for TV and or Audio trucks.

LIGHTING EQUIPMENT

REPERTORY LIGHT PLOT INVENTORY

TOTAL	DESCRIPTION	TYPE	WATTAGE	POSITION
8	Source 4	26 deg.	575 w	E. 1-4 pipe ends
8	Source 4	36 deg.	575 w	E. 1-4 pipe ends
48	Source 4	5 deg.	750 w	FOH/cove
23	Source 4 zoom	15 - 30 deg.	750 w	E 1-4, Balcony Rail
20	Colortran	15 - 35 deg.	1 kw	Elect. 1-4
6	Altman	6 x 9	1 kw	Elect. 1-4
8	Altman	6 x 12	1 kw	E 1-4 pipe ends
8	Altman	6 x 16	1 kw	Elect. 1-4
36	Altman	12 deg.	1 kw	Torms / box booms
32	Parellisphere	24 - 36 deg.	1 kw	Hi-Sides
83	PAR 64	med.	1 kw	Elect. 1-4
7	Altman Sky Cyc	3cir/3color		5th Elect.
2	2 KW LYCIAN 1290	Follow Spots		Projection Booth

ADDITIONAL LIGHTING INSTRUMENTS

9	PAR 64	med.	1 kw	
10	Altman	6 x 3.5	575 w	Shins
8	Altman	6 x 9	1 kw	Mids
5	Altman	6 x 9 chimney		
13	Altman	6 x 12	1 kw	Heads
4	Altman	6 x 12 chimney		
2	Source 4	26 deg.	575 w	
5	9 cell cyc lights			
1	Stage fogger DMX			
1	Lightwave F-100			
1	Atomic 3000 Strobe			

DIMMERS

- Avab DD-II digital dimmers installed 1989. (480) -- 2.4 kw AND (24) – 6 kw.

CONTROL

- ETC Congo Lighting console, ETC Express 24/48. ETC RFU, ETC NET2 DMX Node, 2-Acer monitors, 1 sync Master Samsung monitor, 1-USB Floppy drive.
- Four DMX Universes. - 1 Stage Dimmers. 2-4 available for moving lights onstage and FOH.

HARDWARE, ETC.

- 7 - 12' boom pipes
- 2 - 12' boom pipe trees
- 1 - 10' boom pipe
- 4 - 9' boom pipes
- 2 - 6' boom pipes
- 2 - 5'-6" boom pipes
- 22 - short side arms
- 9 - long side arms
- 21 - 6" top hats
- 8 - 8" barndoors

AUDIO

- Most recent audio upgrade was winter 2004.
- All audio power is supplied by a 150 kva isolated transformer.
- One (1) - 200 amp 3 phase audio disconnect is located D.S. right.

FOH

- 1 - Midas Heritage 1000 52 channel sound console
- 2 - Midas Heritage power supply (redundant back up)
- 7 -x Bittree 96 point TT patch bay (all FOH outboard fully patchable)

FOH PROCESSING

- 2 - Sony CDP-D11 CD player
- 1 - Sony CDR W66 CD recorder
- 1 - Denon DN-T645 CD/Cassette deck
- 1 - Tascam MD-301 MkII mini disc recorder/player
- 1 - Toshiba Laptop computer w/ Sound web control software
- 1 - BSS FCS 926 Dual Analyzer Equalizer (all eq's fully patchable for FOH or MON)
- 1 - Klark-Teknik DN501 Quad compressor
- 2 - BSS DPR-404 4-channel compressor / De-esser
- 2 - Drawmer DS-201 Dual Gate
- 2 - Yamaha SPX 990 Professional Multi-Effect Processor
- 2 - TC Electronic D2 digital delay
- 1 - TC Electronic M3000 Studio Reverb processor

All other system processing located in processor rack, below stage:

- 6 x BSS Soundweb 9088iis Networked Signal processor
- 2 x Bittree 96 point TT patch bay (system processing, fully patchable)
- 12 x D & B audiotechnik E-PAC power amplifier

FOH SPEAKERS

Orchestra Level

- 4 x Meyer CQ2 powered speaker system (2 per side)
- 2 x Meyer 650P powered subwoofer speaker system (1 per side)
- 7 x D & B audiotechnik E0 loudspeaker (front fill)
- 7 x D & B audiotechnik E3 loudspeaker (under balcony)

Balcony Level

- 28 x Meyer M1D self powered array speaker system (14 per side)
- 7 x D & B audiotechnik E3 loudspeaker (above balcony)

MONITOR SYSTEM

4-6 mixes from FOH:

- 1 x BSS FCS 960 Dual Mode Graphic Equalizer
- 4 x White Model 4650 1/3 octave graphic equalizer
- 6 x Meyer UPA 1A bi amp speaker system (suspended 2 x SL, 2 x SR, 1x dsl, 1x dsr)
- 4 x Meyer M1A UPA speaker processor
- 4 x Meyer MS1000A power amplifier

Plus

- 2 x Crest 4601 power amplifier
- 2 x Crown K2 power amplifier
- 3x Crown Macrotech 2400 power amplifier
- 6x EAW260 IV wedge monitor

AUDIO (cont'd.)

AUDIO NOTES

- Subs are driven via separate matrix send to BSS Sound web
- Audio Snake main=40 x 16 with 40 ch iso split for monitors
- 6 wild lines D.S.L. 6- mid Left. 12-up center.
- Snake run to FOH from backstage right is 210 ft. Main snake box down stage right.

MICROPHONE PACKAGE

6 x Shure Sm-57
2 x Shure Sm-58
3 x Shure Beta-58
4 x Shure Sm-98
3 x EV-357's
4 x Crown Pcc-160's
4 x AKG 451's (w/ cardioid and omni capsules)
1 x AKG Tri-power 3500
1 x AT-Pro 25
3 x Shure dual UA with 6 x Beta Sm-58 cap RF mic.+ 6 x UA transmitter belt pac
1 x Shure UA-844 antennae distro system
Frequencies: Shure=782-806

DI's, STANDS, ETC.

6 x Rapco DB-100 passive direct boxes
2 x Rapco DB-200 passive stereo direct boxes.
12x mike stands.
6-12" goose necks

HEARING IMPAIRED SYSTEM

IR system at 95MHz.
Consists of Sound Associates base station with 1 mic, 1 line input and 30 headsets

OTHER IN HOUSE EQUIPMENT

- 9' Baldwin Grand Piano
- Stage Risers - Wanger (6) 4 x 8 x 8"
(6) 4 x 8 x 16"
(6) 4 x 8 x 24"
- 97 -Chairs for Orchestra or Graduations.
- 56 - Music Stands

SOFT GOODS

	<u>Line Set #</u>	<u>Material</u>	<u>Size</u>
House curtain	1	Red velour w/piping and logo	50' w x 30' h
Teaser	2	Black velour flat	50' w x 20' h
Mid Stage Black	18	Black velour flat	50' w x 30' h
2- Black borders	13 & 24	Black velour flat	50' w x 10' h
4- Sets Black legs	D.S.Winch, 12, 19 & 25	Black velour flat	8' w x 30' h
1 black scrim	27	Sharkstooth	48' w x 28' h
1 white cyc	32	Leno	45' w x 28' h
1 black back drop	33	Black velour flat	50' w x 30' h

FLY SYSTEM

- Installed September 2003
- Fly locking rail S.R. 13'4" above stage.
- There are 34 line sets.

Notes

- Line set #3 is the movie screen; the frame is 42' wide x 26' high.
- Line set #34 is the up stage acoustic shell wall.
- Between line sets #21 and #22 is the over head acoustical shell storage.
- Maximum out trim for acoustical shell is 30'.
- Grid elevation 65'.
- All battens are 1 1/2" pipe 1' truss battens with 4 line sets per batten.
- All battens are 49' long.
- Sets 1, 4 - 28 are single. Max cap 1500 lbs.
- Line sets 2,3,29,30,31,32 and 33 are double purchase. Max cap. 1250 lbs.
- New loading gallery w/pin rail 53'5" from deck.
- Existing loading bridge 60'6" from deck.
- Rope lock recommended imbalance: 40 pounds.
- Low trim for battens 1 & 34 is 12'10-1/2".
- Low trim for all other battens is 4' to lower batten on truss.
- Out trim for all battens is 60' except for #4's out trim @ 52'.
- Single purchase arbors are 8' long. Max cap. including pipe weight 1500 lbs.
- Double purchase arbors are 13' long. Max cap. including pipe weight 2500 lbs.
- Pipe capacity for double purchase pipes is 1,250 lbs.
- Available weight 35,000 lbs. in varying size weights.

LINE SETS

Line #	House Hang	Weight	From Plaster	In Trim From Deck	Out Trim From Deck	Notes
1	Act		1'2"	12' 10"	60'	
2	Teaser		1'8"	3'10"	60'	
D.S.WINCH	LEGS Traveler		2'8"	3'10"	60'	SHELL
3	Movie Screen		3'	3'10"	60'	
4	#1 ELECT.		3'8"	3'10"	52'	
5			5'2"	3'10"	60'	
6			5'8"	3'10"	60'	
7			6'2"	3'10"	60'	
8			6'8"	3'10"	60'	
9			7'2"	3'10"	60'	
10			7'8"	3'10"	60'	
11	Border		8'2"	3'10"	60'	
12	LEGS		8'8"	3'10"	60'	
13	#2 ELECT.		9'8"	3'10"	60'	
14			10'8"	3'10"	60'	
15			11'2"	3'10"	60'	
16			12'8"	3'10"	60'	
17			13'2"	3'10"	60'	
18	MID BLACK		13'8"	3'10"	60'	
19	LEGS		14'2"	3'10"	60'	
20	#3 ELECT.		15'2"	3'10"	60'	
21			15'8"	3'10"	60'	
ACOUSTICAL SHELL STORAGE						
22			18'2"	3'10"	60'	
23			18'8"	3'10"	60'	
24	BORDER		20'2"	3'10"	60'	
25	LEGS		20'8"	3'10"	60'	
26	#4 ELECT.		21'8"	3'10"	60'	
27	Black Scrim		23'2"	3'10"	60'	
28	#5 ELECT.		24'2"	3'10"	60'	
29			25'2"	3'10"	60'	
30			25'8"	3'10"	60'	
U.S.WINCH				3'10"	60'	
31			26'8"	3'10"	60'	
32	CYC		27'2"	3'10"	60'	
33	Up Stage Black		27'8"	3'10"	60'	
34	Acoustic Shell		28'2"	12' 10"	60'	

PROJECTION:

DIGITAL PROJECTION EQUIPMENT

- 1x Barco 10,000 ansi lumen single chip projector
- 1x ____ lens
- 1x Barco 2.2-4.:1 Lens
- 1x Barco rigging kit
- 1x Barco Screen Pro II-HD Switcher
- 1x Denon DVD player model DN-V300
- 1x Denon DVD player model DN-V310
- 1x Marshall Electronics 4 screen display
- 2x Optquest 20" LCD monitors
- 1x 18' x 20' screen / frame kit

35MM PROJECTION EQUIPMENT

<u>Date</u>	<u>Description</u>	<u>Mfr.</u>	<u>Model</u>	<u>Serial #</u>	<u>Location</u>
7/97	Projection Screen		40' w X 22' h		Stage
1/95	Lamp Housing		Hxh-450	JU00318	Projector #1
1/95	Xenon Bulb	Oshram	XBO-4200	2034IG6	Projector #1
1/91	Projector Head	Simplex	XL	XL3764	Projector #1
1/91	Sound Head	Simplex	SH7310	4180	Projector #1
1/91	Transformer	ORC	FXPS-45	00-00139	Projector #1
1/95	Lamp Housing		Hxh-450	JU00317	Projector #2
1/95	Xenon Bulb	Oshram	XBO-4200	2054 1 G6	Projector #2
1/91	Projector Head	Simplex	XL	9029	Projector #2
1/91	Sound Head	Simplex	SH73 I 0	4185	Projector #2
1/91	Transformer	ORC	FXPS-45	00-00120	Projector #2

Lenses

- 2- 137
- 2- 166
- 2- 185
- 2- 235

35MM PROJECTION AUDIO EQUIPMENT

<u>Date</u>	<u>Description</u>	<u>Mfr.</u>	<u>Model</u>	<u>Serial #</u>	<u>Location</u>
10/07	Audio Card	Dolby	CP-650		Booth Audio Rack

CINEMA SPEAKERS COMPONENTS

<u>Date</u>	<u>Description</u>	<u>Mfr.</u>	<u>Serial #</u>	<u>Location</u>
5/96	2- Sub Cabinet	JBL	4642	Stage
5/96	3- HF Horn	JBL	2446H	Stage
5/96	3- Mid	JBL	4638	Stage
1997	14 - Surround Speakers	JBL	8340	
5/96	7- QSC-EX 1600 Amplifier			
5/96	4- QSE-PL1.4 Amplifiers			

MISC. 35MM EQUIPMENT

- 2 - Water Circulators
- 2 - 35mm Pedestals
- 1 - Rewind Table