

MAHAFFEY THEATER



FOR THE PERFORMING ARTS

AT THE BAYFRONT CENTER

TECHNICAL INFORMATION
REVISED JULY 2003

MAHAFFEY THEATER

FOR THE PERFORMING ARTS

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MAHAFFEY THEATER

FOR THE PERFORMING ARTS

Located on beautiful Tampa Bay and close to everything down town Saint Petersburg has to offer, the Mahaffey Theater is in a prime location.

A magnificent performing arts center, the Mahaffey Theater is a proscenium theater with a seating capacity of 2,000, European Style boxes, handicap access, and excellent acoustics. The convenient backstage area consisting of 2 production offices, 9 dressing rooms, a wardrobe and green room, make access to the stage, cast and crew easy.

Considered one of the most beautiful rooms in central Florida, the Mahaffey Theater is host to the Florida Orchestra, Broadway entertainment, children and family shows, and contemporary performers.

LOCATION AND DIRECTIONS

Arrival times should be coordinated with the house. Please inform us of your loading and parking needs. We have a truck level loading dock that fits two trailers.

From Tampa or Sarasota:

- **I-275 South (from Tampa) or North (from Sarasota)** into Saint Petersburg
- **Exit #22 (I-175)**
- I-175 ends at a traffic light; proceed forward (4 lights)
- Turn left on **1st Street South** (the building will be on your Right)
- Turn Right into the **2nd gate (GATE 1)(Box Office)**
- The dock will be just ahead, park in **LOT “A” or Cast Lot**

From Orlando:

- Take I-4 west to Tampa and I-275 south to Saint Petersburg. Follow directions above.

TECHNICAL INFORMATION

LOADING IN

- Loading Dock @ normal truck level
- Loading Dock @ same level as stage floor.
- Loading Doors open directly into receiving area.
- Loading Dock main door (roll up) 16' wide x 10' high.
- Dressing rooms, Laundry/ Wardrobe are @ stage level.

STAGE DIMENSIONS

- Proscenium Width adjustable from 44' to 60'.
- Proscenium Height fixed @ 27'3".
- Rear of Fire Curtain guide to back wall 45'
- Rear of Fire Curtain guide to front of stage 5'.
- Rear of Fire Curtain guide to front of first lift 12'8".
- Rear of Fire Curtain guide to front of second lift 19'8".
- Stage Apron 54' wide x 7' to House Curtain line.
- Center Line to Lock Rail Stage Left 45'.
- Center Line to Stage Right Wall 48'.
- Wing Space Stage Right 45' x 15' x 20' High.
- Clear Height under fly galleries Left & Right 28'.
- Stage Floor to underside of grid 64'8".
- Stage Height 3'7".
- Pit Restraining wall 2'7".
- Stage Apron Depth to curtain line includes raised pit 22'.
- 109' From Booth glass to curtain.

RIGGING SYSTEM

- 66 Single - Purchase 6 line counterweight sets on stage left.
- Usable Capacity 1200 Lbs.
- Trussed Pipe Battens 64'8" long w/ 3' long pull-out.(limited amount), 1 _" Pipe, Schedule 40
- Bottom pipe of batten trims @ 5' above stage floor.
- Batten travel = 52'0"
- First electric set #4 is motorized w/ a capacity of 1500Lbs.
- 30 Spot lines are possible @ any point over the stage & may be rigged to operate from pin rails at fly gallery level stage left & right.
- Acoustic ceiling & Reflector panel are motorized line sets.
- Approx. 20,000lbs of counterweight available

SOFT GOODS

- House curtain & Teaser: Red velour, Manual draw, Guillotine or Travel.
- 5 Pair Legs, Black velour, 30' high x 15' wide.
- 1 Pair Legs, Red velour, 30' high x 15' wide.
- 7 Borders, Black velour, 15' high x 70' wide.
- Up/ Down stage masking 30' high x 40' wide.
- 1 Cyclorama, Leno filled, 30' high x 66' wide.
- 1 Black Scrim, sharks tooth, 30' high x 66' wide.
- 1 Projection Screen, Front projection ONLY, 15' high x 30' wide.

LIGHTING SYSTEM

- ETC Insight III console controls a 296 dimmer per circuit system (278, 2.4 kW - 16.6 kW). Circuits are distributed among three front of house coves, balcony rail, side top boxes, side ports & stage area.
- All F.O.H. circuits are available at transfer panel stage right.
- Back-up console Colortran 3000 & Patchman.
- Focus remote receptacles @ all key lighting positions. Patchman console may be connected in Lighting control room, Sound cockpit, Stage right & left.
- House lights may be operated through consoles or control panels stage right & lighting control room.

INSTRUMENT INVENTORY

FOH-

- 31 Strand 2112 6 x 12, 1kW, 15Degree.
- 31 ETC 19 degree 750 watt lamps
- 18 Strand 2123 10 x 23 Leko, 1kW, 5 Degree.

BOX BOOMS

- 6 ETC 19 degree, 575w
- 6 ETC 26 degree, 575w
- 6 ETC 36 degree, 575w

STAGE/STORAGE

- 25 ETC 19degree, 575 watt
- 30 ETC 26 degree, 575watt
- 60 ETC 36 degree, 575watt
- 12 Strand 2112 6 x 12 Leko, 1kW, 28 Degree.
- 19 Strand 2112 6 x 12 Leko, 1kW, 15 Degree.
- 20 Strand 2112 6 x 9 Leko,1kW, 35 Degree.
- 12 Altman 360Q 6 x 9 Leko, 750W, 40 Degree.
- 7 Strand 2112 6 x 9 Leko, 1kW, 18 Degree, w/Iris.
- 10 Strand 2112 6 x 9 Leko, 1kW, 30 Degree.
- 8 Iris 4 Cell Cyclights, 1kW.
- 36 ETC Pars w/ lenses, 575w
- 40 PAR 64, 1kW

SPOTLIGHTS

- 2 Strong Super Troupers 1600W Xenon Follow Spots + Accessories.

ELECTRICAL SYSTEM

- 3 Company switches, 3 Phase 4 Wire, Maximum 400 Amp/Leg Located Stage Right.
- 1 Switch, 3 Phase 4 Wire, Maximum 200 Amp/Leg Located up stage left.
- 1 Switch, 3 Phase 4 Wire, Maximum 200 Amp/Leg Located @ Loading dock.

AUDIO

SOUND COCKPIT

- Crest X-VCA console.- 40 Channel -
- 8 DBX 903 Compressors.
- 4 DBX 905 Parametric EQ's.
- 2 Klark technic Dual 31 Band 1/3 octave EQ's.
- 1 Yamaha SPX 990 .
- 2 Tascam Cassette / CD Player. w/ + or - 12% pitch control.
- Patching & Tie Lines to all areas in theater & backstage.

SOUND CONTROL ROOM

- Patching & Tie Lines to all areas in theater & backstage.(Main Patching Area)

LOUDSPEAKER SYSTEMS

- 3 way Community / Altec Central Cluster.
- 8 Bose 101 stage front system.
- 34 Bose 102 Delay system.
- 3 Altec 2 way Balcony Delay.
- 2 Meyer (portable) each w/ 1: MSL 3 & 1: 650-R2 Sub.
- 6 Foldback/Effects Loudspeaker circuits, 200 watts each.

MONITORS

- 2- 3 way Tri Amped Mackie Sidefills
- 6 EV 12" x 1" Wedges.
- 3 EV 15" x 1" SideFills.
- 1 Galaxy Hot Spots.

MICROPHONES

- Shure Dual wireless U4D Marcad System w/ 2 Beta58 Handheld Transmitters & 2 Body Pack Transmitters (Cardioid). (Only 2 Transmitters can be used at one time).
- 6 AKG 451 Condenser.
- 1 Sennheiser E602
- 2 Audio Technica AT835B Shot Gun
- 10 Shure SM58 Dynamic.
- 6 Shure SM57 Dynamic.
- 3 Crown PZM-6LP.
- 4 Crown PCC (floor mics)
- 4 BSS AR-116 DI Boxes.

MISCELLANEOUS

- 1 Yamaha Multi Disc CD Player
- 2 JVC - Dual cassette decks
- 1 1/4" 2 Track Otari 5050 Reel to Reel w/ Remote(portable).
- 270 Microphone tie lines.
- 108 Line level tie lines.

HEARING IMPAIRED SYSTEM

- Phonic Ear - FM System - PE300R (72 MHz , Channel 26)
- 20 Receivers.

COMMUNICATIONS

- RTS 2 Channel Intercom System. with isolated touring loop wiring
- 15 Headsets/Beltpacks 2 channel.
- 1 channel, 3wire loop for touring systems.
- Stage Managers Desk w/ paging to backstage & onstage.
- Latecomers Video System w/ Monitors (4) Located in lobby & at Stage Left & Right.

CABLE PASSES

- From Loading Dock to side stage right, Side stage to sound cockpit, & sound cockpit to center house glass booth.
- Cable Lengths needed: Stage to cockpit = 150'
- Sound cockpit to control room = 45'
- *Sound power has independent grounds.

DRESSING ROOMS

*All Dressing Rooms have full Lavatories & Showers.

- #1: 17 x 20 2 stations
- #2: 22 x 20 16 stations
- #3: 18 x 26 20 stations
- #4: 8 x 12 2 stations
- #5: 7 x 12 2 stations
- #6: 7 x 12 2 stations
- #7: 8 x 13 2 stations
- #8: 9 x 17 8 stations
- #9: 8 x 13 4 stations
- Total of 62 Mirror/Make-up Stations, although more people can fit in each room

BACKSTAGE

*The backstage area is located immediately behind the stage and on the same floor. Access to stage left and right and easy and the hallway can be used as a crossover.

- Main Hallway 141' Long x 6' wide (x-over)
- Green Room: 16 x 20 deep
- Laundry Room: 23 x 20 deep, w/ 2 washers, 2 dryers, steamer, irons & boards

WARDROBE EQUIPMENT

* Additional Charge may occur for use of In-house Equipment, there must be an I.A.T.S.E. wardrobe call in order to use wardrobe equipment

- 2 washing machines
- 2 Dryers
- Ironing board
- Irons
- 1 Steamer