

MORTON THEATRE

Technical Information Packet

Mailing Address

P.O Box 1724
Athens, GA 30603

Physical Address

195 West Washington St.
Athens, GA 30601

Phone Numbers

Administration: 706.613.3770
Box Office: 706.613.3771
Office Fax: 706.613.3773
Technical Director: 706.296.7503

Alex Bond
Technical Director

Lynn Green
Theatre Assistant

Barbara Andrews
Executive Director

The Morton Theatre is a Unit of the Arts Division of Athens-Clarke County's Leisure Services Department.

Managed by the Morton Theatre Corporation.

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MORTON THEATRE

Seating Capacity: 434 Fixed Seats with an additional 60 Bleacher Seats
 6 Wheel chair Spaces
 Raked House

The Morton Theatre is **NOT** a Union House.

The Morton Theatre is a **SMOKE-FREE** Facility.

No Foods or Beverages are allowed in the Theatre or on stage.

STAGE SPECIFICATIONS

Stage	Dimensions
Depth of Stage @ Centerline - Proscenium to Last Batten	22 ft. 2 in.
Proscenium Opening - Height	18 ft. 6.5 in.
Proscenium Opening - Width	26 ft. 10 in.
Full out trim of line set	38 ft. 10.5 in.

Stage Floor Construction:

Proscenium stage with concrete slab covered by a gymnasium-type hardwood floor.

Stage Crossover:

- There is a crossover located upstage behind the last line set.
- A hallway through the chorus level dressing room runs underneath the stage from Stage-Right to Stage-Left.

Backstage Entrances:

- Stage-Right: from the Chorus Level, Star Level Dressing Rooms, House-Right and Lobby.
- Stage-Left: from the Chorus Level Dressing Room and House-Left.

LOAD IN AND FACILITIES

Loading Door: Width: 4' – 0" Height: 9'- 0"
Height above ground: 17'- 0"

Please Note: The Morton Theatre's loading door is located on the west side of the building, roughly 17' - 0" above the street level. A forklift is available for loading in/out. You must use the Morton Theatre's certified operator. The stage is also accessible from a stairwell on the west side of the building. All loading is performed from the rear of the building and there are no elevators for equipment. Loading parking can be found in the red zone on the corner of Hull St. and W. Washington St. and is first-come.

DRESSING ROOMS (2 levels):

Star Level

- Located on the Ground floor, 2 stories below the stage
- Three (3) small dressing rooms to accommodate 4-5 persons each
- In each room: mirror, make-up lights, wardrobe hanging rack, sink and toilet.

Chorus Level

- Located directly under the stage with the Orchestra Pit entrance in the Green Room
- Two (2) large dressing rooms to accommodate 15-20 each
- Each dressing room has a hanging rack, washbasins, toilets and showers.
- Each dressing room connects to the make-up corridor that has full-length counters and make-up mirrors and lights.

FLY SYSTEM/RIGGING

- The rigging system is a single purchase, J-guide counterweight system with 24 line-sets operated from the stage floor with a loading gallery just below the gridiron.
- Fly Rail Location: Stage Right
- Working Height of Grid: ~42' - 0"

Batten

- 24 upstage of the Proscenium (32 ft. long. Please note that only 12 are free)
- Full out trim of a line set: 38 ft. 10.5 in.
- Capacity of each line set after balancing pipe weight: ~700 lbs
- All pipes are 1 ½" schd 40 with 8' arbors.

Please note: Electrics, cyc, travelers, main teaser, legs, borders, and the projection screen cannot be moved from their present locations.

MORTON THEATRE TECHNICAL SPECIFICATIONS

RIGGING SCHEDULE

Line #		Distance from Plaster Line
24.	Bleached White Cyc (Fixed)	21' - 11"
23.	Rear 2-part Black (Fixed)	21' - 2"
22.	Open	20' - 5"
21.	3rd Electric (Fixed)	19' - 8"
20.	Open	18' - 2"
19.	Open	17' - 5"
18.	3rd Legs (Fixed)	16' - 8"
17.	3rd Border (Fixed)	15' - 1"
16.	Open	15' - 2"
15.	Open	14' - 5"
14.	Open	13' - 8"
13.	Mid-stage Black (Traveler/2nd Legs) (Fixed)	12' - 11"
12.	2nd Electric (Fixed)	12' - 2"
11.	Open	10' - 8"
	DH- Projection Screen (Fixed)	9' - 11"
10.	Open	9' - 2"
9.	Open	8' - 5"
8.	Open	7' - 8"
7.	1st Leg (Fixed)	6' - 11"
6.	1st Border (Fixed)	6' - 2"
5.	Open	5' - 5"
4.	1st Electric (Fixed)	4' - 8"
3.	Open	3' - 2"
2.	Main Curtain (Fixed)	2' - 5"
1.	Main Teaser (Fixed)	1' - 8"

FC Fire Curtain Mounted in Smoke Pocket 0' - 5"

Please note: Electrics, sky cyc, travelers, main teaser, and the projection screen cannot be moved from their present locations.

SOFT GOODS

- Two (2) Legs - 22' 0" high X 8' 0" wide
- Three (3) Borders - 8' 0" high X 32' 0" wide
- Main Curtain - 22' 0" high X 32' 0" wide: on traveler track: rigged for flying or drawing
- Main Teaser - 8' 0" high X 32' 0" wide
- Mid-Stage Traveler - 22' 0" high X 32' 0" wide: on traveler track: rigged for flying or drawing
- Back Blackout curtain - dead-hung: rigged for flying
- Bleached White Cyclorama*- 22' 0" high X 32' 0" wide: Rigid Pipe in Bottom: Rigged for flying (Addition Charge for Use)
*(Deposit may be required if used for high activity or high-risk show)

The Main Teaser and Main Curtain are blue velour. All other Draperies are black velour.

SUPPORT EQUIPMENT (available at additional cost):

- Three (3) platforms 4' X 8' X 16"
- Mirror (Disco Ball)
- Bleached White Drop (cyc)
- 12' X 12' Front/Rear Projection Screen Rigged for Flying
(Free with rental of DLP projector)
- One (1) Upright Piano *(pit use only)*
- One (1) Concert baby Grand Piano
(Stage use only - pending Morton Theatre Management approval)

LIGHTING SYSTEM AND EQUIPMENT

THEATRICAL LIGHTS

The Theatrical lighting console is an ETC Express 72/144. The console is located in the control booth at the rear of the upper balcony. The control console runs off of one universe of 5-pin DMX and has the capabilities of being:

- Manual split cross fades
- 600 cues
- 500 groups
- Bump/Solo buttons on all channels
- Proportional soft-patch
- Ten Pages of 24 sub-masters
- Grand master and Black-out functions
- 3.5 inch disk drive for show/cue storage
- Preset style operation
- X/Y track pad controller

HOUSE LIGHTS

House lights are controllable through the lighting console or the independent architectural lighting System with:

- 4-button push station in the rear of house left of the orchestra (main) seating level.
- 4-button/3-zone fader station Stage right (Stage Manager's post)
- 4-button/3-zone fader station in the Lighting booth next to the light console

ELECTRICAL SERVICE

There is one 100-amp/3-phase service located on Stage Left (*licensed electrician required for hook-up*).

LIGHTING POSITIONS

- Three (3) hard-wired electrics on-stage on line sets 4, 12 and 21
- FOH 1 catwalk over house
- FOH 2 position over balcony (not currently wired)
- Two (2) Torm positions, one each: House Left and House Right
- Two (2) Box Boom positions, one each: Balcony Left and Balcony Right
- One (1) Stage Right side light electric perpendicular to plaster line
- One (1) Stage Left side light electric perpendicular to plaster line

DIMMERS AND PATCH

There are a total of 96 dimmers - ETC Express 2.4kw in dimmer-per-circuit configurations. All circuits are 3-pin slip stage plugs.

Outlets are located as follows:

- 4 Circuits each @ House-Left Box Boom (#21-24) and House-Right Box Boom (#25-28)
- 2 Circuits each @ House-Left Box Torm (#29-30) and House-Right Box Torm (#31-32)

MORTON THEATRE TECHNICAL SPECIFICATIONS

- 20 Circuits in the FOH 1 lighting catwalk Slot (#1-20) (Circuits 1, 10, & 20 are not available for show plots)
- 20 Circuits on the 1st Electric Batten (#33-52)
- 12 Circuits on the 2nd Electric batten (#53-64)
- 12 Circuits on the 3rd Electric batten (#65-76)
- 4 Circuits each @ Upstage-Right Box (#87-90) and Upstage-Left Box (#91-94)
- 1 Circuit in Center Orchestra Pit (#96)
- 5 Circuits each @ Stage Right plaster line Torm (#77-81) and Stage-Left plaster line Torm Box (#82-86) **2-Fer'ed with the FOH2 position**

INSTRUMENTATION:

Instrument Type	Wattage	Quantity
Source 4 JR 36	575	15
Source 4 36	575	9
Source 4 26	575	16
Source 4 19	575	15
PARCan 64	1000 WFL	18
PARCan 56	300	4
Scoop	300	4
T4 Strip Light		3
Lycian Superarc 400		3
Lycian Midget		1
36 Lens Tube		1
26 Lens Tube		20
Iris, Source 4		4
6" Barn Doors		7
10" Barn Doors		8
Pattern Holders		30

AUDIO REINFORCEMENT SYSTEM

The house console is a Yamaha MG32/14fx 32•4; 32 channel (24 Mono, 4 stereo), 4 bus mixing console. The Mixing location is in the Rear House Right corner of the main seating area. This is a fixed position and will not be moved for any production. Patching to the stage is to Stage Left with a Horizon 24X8 XLR Snake houses Channels 1-23 (24 is reserved for Telex Headsets)

SPEAKERS

- Mains- Four (4) JBL SP215 (Bi-amped)
- Balcony Fill- Two (2) JBL JRX125
- Bass enclosures- Four (4) EV TL15 dual 15” Subwoofer
- Monitors-
 - Three (3) Peavey BW 12”
 - Two (2) Peavey TLM 2X 12”
 - Two (2) Peavey TLM 5 15”
 - Two (2) Peavey TLM-12 12”

AMPLIFIERS

- One (1) Peavey CS400x4 (bi-amped L/R Mains)
- Two (2) Peavey CS3000 (Subs)
- One (1) Peavey CS900 (Balcony Fill)
- Two (2) Peavey PV 900 (for 4 Monitor Mixes)

PROCESSORS

- Two (2) Peavey QF131 Graphic EQ (one per main mix channel)
- Two (2) Alto EQU231 LED Graphic EQ (4 channels for Monitor Mixes)
- One (1) Alto CLE 2.0 Compressor/Limiter/Gate (2 Channels)
- One (1) LTO ACL4 Quad Compressor/Limiter (4 Channels)
- One (1) Peavey Univerb II FX Unit (Sound Console also has FX)
- One (1) Gemini CDX-602 Dual CD Player

AUDIO EQUIPMENT INVENTORY

MICROPHONES

- Six (6) Shure SM57
- One (1) Shure PG52 Kick
- Seven (7) Shure SM 58
- Two (2) Shure SM81
- Four (4) Shure SM 94
- Four (4) Crown PCC 160 Floor
- Six (6) AT Wireless Mic (4 earworn, 2 handheld)
- Four (4) Crown suspended choir mics

STANDS

- Eleven (11) Music Stands
- Four (4) Straight Microphone Stands
- Eight (8) Boom Microphone Stands
- One (1) Low Boom Microphone Stand
- One (1) Straight Kick Drum Microphone Stand

DI BOXES

- One (2) Whirlwind EDB1 DI Box
- One (1) Horizon Straightline DI Box
- One (1) Signal Flex DI Box
- One (1) ART Double DI Box

ADDITIONAL PATCH SNAKES

- Horizon 12 Channel XLR to 1/4" Snake
- Horizon 12x4 XLR Patch Snake (unbalanced)

CABLES

- Thirty (30) XLR Cables (varying lengths)
- Twenty (20) 1/4" Instrument Cables (varying lengths)
- RCA, Balanced 1/4", and adapters available upon request.