TECHNICAL SPECIFICATIONS
MARSHALL E. RINKER, SR.
PLAYHOUSE

WEST PALM BEACH, FLORIDA
August 8th, 2019
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MARSHALL E. RINKER, SR. PLAYHOUSE
at the
RAYMOND F. KRAVIS CENTER FOR THE PERFORMING ARTS
701 Okeechobee Blvd
West Palm Beach, FL 33401
MAIN OFFICE (561) 651-4200 (M-F 8:30A-5:00P)
MAIN FAX (561) 833-3901
TECH FAX (561) 833-5962

THEATER TECHNICAL STAFF

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SEATING CONFIGURATIONS

Playhouse Maximum Seating Capacity - 305
Riser Seating.....195
Floor Seating.....110

Note: Seating varies depending on stage set up. Contact KCPA Technical department for details.

LOADING DOCK

The loading dock is located off Iris Street on the north side of the building. There are 3 bays, 2 with loading levelers. Dock is 4' high with 2,100 square feet of receiving room area. Loading doors are 8' wide by 12' high.

SHOP

The shop is a wood shop with welding facilities for light aluminum, metal & steel. Air compressors are available.

TRUCK, BUS AND CAR PARKING

Long term truck and bus parking must be prearranged with KCPA Technical Director. Car parking is available in the garage at no charge.
PLAYHOUSE DIMENSIONS AND SPECIFICATION

The Playhouse is a Black box Theatre. There is no fixed seating. It has a retracting seating riser that will hold 195 seats with additional room for floor seating depending on the size of your stage area. The room dimensions are 50' wide by 88' long and 33' high. It is a stained black floor constructed of 1-inch Maple tongue-and-groove on 3/4-inch plywood over two-by-fours with ½-inch neoprene pads.

There is a catwalk 16' off the floor on three sides of the room with a 4' high railing that lighting instruments may be attached to. There are (6) 36’ long 1’ x 2’ trusses hung from 1/4 ton CM electric chain motors for soft goods.
The control booth is located 84’ from the back wall and is level to the catwalk. It contains the lighting control console, stage manager desk, and front projection control. The sound console is located on the catwalk to the house right side of the control booth.

There are two followspots on the upper deck of the booth, accessible by ladder chase. There is an additional hanging position above the control booth 30’7” from floor height.

Audience from mid stage, showing balcony, booth, and followspot levels.
PORTABLE STAGE

The portable stage is a Wenger Custom Versalite Platform System. No screws or drilling of any kind is allowed into the portable deck. The standard stage setup is 32” High x 48’ wide x 24’ deep. There are 3 step units for backstage access. There are two sets of step units for audience access and stage skirting available in burgundy.

Stage with red legs on the #2 truss, creating a small apron. View from stage manager’s desk in booth.
**SOFT GOODS INVENTORY**

The standard configuration of the Playhouse is as a proscenium theatre with an opening 28’0” wide by 16’ high. The false proscenium and masking goods are hung from the portable trusses and include the following soft goods:

<table>
<thead>
<tr>
<th>Item</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Curtain (Brick Red)</td>
<td>2 panels of 20’8”H x 19’0”W center split on DS traveler. Hung by request.</td>
</tr>
<tr>
<td>Portal Valance (Brick Red)</td>
<td>1 panel of 5’6”H x 36’0”W</td>
</tr>
<tr>
<td>Portal Legs (Brick Red)</td>
<td>2 panels of 22’3”H x 7’0”W</td>
</tr>
<tr>
<td>Side Masking Tabs (Brick Red)</td>
<td>2 panels of 11’7”H x 6’0”W</td>
</tr>
<tr>
<td>DS Skirt (Brick Red)</td>
<td>1 panel of 32”H x 48’0”W</td>
</tr>
<tr>
<td>Stage Legs (Black)</td>
<td>8 panels of 22’6”H x 7’0”W (optional 40” extensions by request)</td>
</tr>
<tr>
<td>Stage Borders (Black)</td>
<td>2 panels of 3’0”H x 36’0”W</td>
</tr>
<tr>
<td>Stage Borders (Black)</td>
<td>3 panels of 4’0”H x 36’0”W</td>
</tr>
<tr>
<td>Full Stage Back Drop (Black)</td>
<td>2 panels of 23’9”H x 20’0”W center split on US traveler.</td>
</tr>
<tr>
<td>Cyclorama (White muslin)</td>
<td>1 panel of 23’8”H x 35’0”W</td>
</tr>
<tr>
<td>Sharktooth Scrim (Black)</td>
<td>1 panel of 23’6”H x 35’0”W. Hung by request.</td>
</tr>
</tbody>
</table>
From USR. #4 legs removed to show stair arrangement and sound/light lock USL.

From DSL. #4 legs removed to show USR stair and loading area access.
Access door to loading dock.
**LIGHTING SYSTEM**
The Playhouse lighting system is controlled by an ETC Ion Computerized Lighting Console and 190 20Amp Strand CD80 Advanced Electronic Dimmers. The venue uses a sACN network with Pathway Via switching and Pathway nodes. There are network and DMX ports distributed around the venue and can be configured as to DMX direction and universe.

**HOUSE PLOT**
There is a general house lighting plot (see following pages). Lighting fixtures may be hung on catwalks on either side, from the catwalk front of house, above the Control Booth in front of house, and on the tension wire grid. Contact the KCPA Technical department for CAD drawings. Overhead electrics are centered in 15” open wells in the tension wire grid.

**LIGHTING INSTRUMENT INVENTORY**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Source 4 10° 575w</td>
</tr>
<tr>
<td>22</td>
<td>Source 4 36° 575w</td>
</tr>
<tr>
<td>50</td>
<td>Source 4 26° 575w</td>
</tr>
<tr>
<td>10</td>
<td>Source 4 19° 575w</td>
</tr>
<tr>
<td>10</td>
<td>Source 4 ParNels 575w</td>
</tr>
<tr>
<td>26</td>
<td>Source 4 Par MFL 575w</td>
</tr>
<tr>
<td>2</td>
<td>Source 4 Par NSP 575w</td>
</tr>
<tr>
<td>18</td>
<td>ColorKinetics Colorblast 12 TRX</td>
</tr>
<tr>
<td>6</td>
<td>Strand PLCyc RGBW</td>
</tr>
<tr>
<td>4</td>
<td>PAR64 MFL – 500w (running lights only)</td>
</tr>
</tbody>
</table>

**FOLLOWSPOT**

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>ETC source4 10° 750w with followspot yoke, independent dimmer, manual color scroll, and iris.</td>
</tr>
<tr>
<td>2</td>
<td>Lycian Midget spot light</td>
</tr>
</tbody>
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**ADDITIONAL POWER**
The Playhouse has a 3-phase, 400-amp, 120/208 panel located in the receiving area.

note: all inventory is subject to availability. Contact Kravis Technical Department for information.

RINKER TECHSPECE August 8th, 2019
LIGHTING GRID SYSTEM

The playhouse is equipped with a tension wire grid with wells for focusing lighting instruments. The tension wire grid is a custom SkyDeck system. Schedule 40 pipe is attached at each well creating positions for lighting. See following pages for photos from A, B, and C.
View from –A- looking USL.

View from –B- looking SR.
View from –C- looking DSR.

View from SR wing showing red legs in #2 position, creating a small apron.
SOUND & COMMUNICATIONS SPECIFICATIONS

The Playhouse is equipped with a permanently installed sound system. The console is set up to be controlled from the catwalk outside the control booth on the house right side. The entire system is powered with QSC amplifiers, with crossovers and EQ from a DBX drive rack accessed through a dedicated PC.

View from FOH mixing position.

CONSOLE
1 Avid SC48
48 Channels
8 Groups
16 Mix Buses
8 Matrix Buses
4 Multi effect
8 Graphic EQs
48 Compressors
48 Gates

SPEAKERS
16 Aclon RS6 flown in L/R line array
8 cabinets per side
2 Aclon RS150A flown at top of stack in
L/R line array 1 cabinet per side
4 EAW SB25OR powered subs on floor
under stage DSL/R

MONITORS
4 EAW SM-200 Monitors
4 mixes with 1/3 octave EQ available from
FOH console, Flown Sidefills S/L, S/R

SNAKE
40 input channels & 16 sends

SOURCE GEAR
2 Tascam CD-01U Pro single CD player
1 HHB CDR 830 CD Burner
1 Macbook Pro with Q-Lab

WIRELESS MICROPHONES
6 Shure UR4D UHF series wireless:
SM58 handheld/body packs with
Sennheiser lavalieres
6 Pointe Source

Each wireless handheld has a corresponding wireless body pack which share a frequency and cannot be used at the same time.

WIRELESS MICROPHONES & DIRECT BOXES
6 Shure SM58, 4 Shure SM57, 3 Shure SM81, 1 Sennheiser e906, 1 AKG C-391B, 1 BETA 52A
2 Radial USB Pro, 1 Radial J48,
2 Radial Pro D2 (passive/Stereo),
1 Radial Pro AV,
2 Countryman Type 85, 1 Stereo passive
8 Audio Technica Choir Mics (in Grid)
note: all inventory is subject to availability. Contact Kravis Technical Department for information.

**STAGE MANAGER’S DESK**
Located upstage right in sound and light lock. There is a Front of House video monitor, four channel GreenGo intercom desk, small work table, and program audio monitor.

**DRESSING ROOMS**
There are 2 Dressing rooms that can accommodate 5 people each. Each dressing room is equipped with hot and cold water, a shower, sink, toilet, lighted mirrors, and audio program monitors.

There is no Green Room or production office available in the Rinker Playhouse. Phone/data lines can be patched in to dressing rooms by request. A props sink, refrigerator, and coffee/water can be found in the adjacent space.

Merchandise tables can be set in the lobby. Contact KCPA Front of House for Merchandise information.
COMMUNICATIONS
1 GreenGo Intercom System
2 Desks
5 Wired four channel belt packs
4 Wireless Belt Packs
9 Head Sets

WARDROBE
The wardrobe room is located on the basement level. There are (3) 20 lb. capacity two-speed washing machines, and (3) 20 lb. capacity dryers, (1) double laundry sink, (2) ironing boards and irons, (1) Sears sewing machine, and (1) Jiffy Steamer. There is an elevator in the receiving area to access the basement. Rolling wardrobe racks are available.

The wardrobe room can be used based on availability with events on the Dreyfoos Stage.

HEARING ASSISTANCE SYSTEM
20 Sennheiser RF units

TELEPHONES
Telephone lines are available in the dressing rooms with advance notice.

ORCHESTRA EQUIPMENT SPECIFICATIONS
The Playhouse is equipped with acoustical curtains surrounding the room that may be opened or closed depending on the acoustics you are trying to achieve. The room has a 50/50 coverage of acoustical panels attached to the ceiling and upper wall to help the natural acoustics.

CONCERT SHELL
6 - Wenger portable concert panels

ORCHESTRA EQUIPMENT (BASED ON AVAILABILITY)
100 - Orchestra Chairs
9 - Cello Chairs
110 - Music Stands
80 - Music Stand Lights
8 - Bar Stools
1 - Conductors Podium and Stand
9 - Choral Risers

PIANOS
2 - 9’ Steinway Concert Grand Model D
1 - 6’ Yamaha Concert Grand C3F
2 - Studio Yamaha upright pianos

Note: Pianos may be tuned by house piano tuner only.