

Markham Theatre Technical Information

<p><u>THEATRE SEATING CAPACITY:</u> 530 seats</p> <p><u>STAGE DIMENSIONS:</u></p> <p>Proscenium Opening 39'-2" wide X 20'-1" high to border</p> <p>Fire Curtain to Cyclorama 36'-0" deep</p> <p>Stage Floor to under Catwalks 22'-6" high</p> <p>On Stage Width 43'-0"</p> <p>Stage Right Wing 13'-9" X 42'-9"</p> <p>Stage Left Wing 13'-6" X 42'-9"</p> <p>Apron (curved front of stage) 47'-9" wide; 8'-0" to 10'-0" deep</p> <p><u>LOADING AREA:</u> Doors are 7'-9" wide X 8'7" high. Outside ground to dock level is 3'-6"</p> <p><u>FLY INFORMATION:</u></p> <p>Winch Pipes: 4 (four) motorized winch battens. (500lbs Load Limit)</p> <p>Locations: 31", 39" and 157" downstage of the cyc 82" upstage of prosc. There is a system of catwalks over the entire stage. Scenery may be dead hung from the catwalks</p> <p>Other Rigging Equipment: 4 x ½ ton Chain falls w/ chain Bags 6 x 10' 12" box truss selection of span sets selection of Shackles and wire rope</p> <p><u>STAGE DRAPES:</u></p> <p>Main Drape: Burgundy velour traveler Manual operation, stage right</p> <p>Legs: Four per side, German masking Black velour on tracks</p> <p>Borders: Eight pieces, full stage width Black velour, dead hung</p> <p>Travelers: Four full stage width and height Black velour, manual operation stage right</p> <p>Cyclorama: White PVC, dead hung, not movable</p> <p>Scrim: black sharktooth, located 8 feet downstage of cyc, manual operation stage right, not movable White Sharks tooth, located 4" DS of Cyc</p>	<p><u>STAGE FLOOR:</u> Sprung floor. Black vinyl surface. No screws or nails are permitted. No traps or elevator in stage. Orchestra pit in downstage apron area. <i>Very labour intensive to open</i> 29'-6" wide X 17'-4" deep 9'-2" high to stage floor</p> <p><u>ORCHESTRA PIT:</u> 75 black music stands 25 music stand lights 144 black musicians chairs 14 WENGER acoustical shells 1 YAMAHA four foot high upright 1 STEINWAY 9' concert grand</p> <p><u>ORCHESTRA EQUIPMENT:</u> 8 @ 4' X 8' X 8", 12", 16", or 24" high 4 @ 4' X 6' X 8", 12", 16", or 24" high 2 @ 4' X 8' X 8", 16", 24", or 32" high 2 @ 4' X 6' X 8", 16", 24", or 32" high 7 x Wenger 3 Step Choral Risers</p> <p><u>PIANOS:</u>Tuning arranged through the Theatre only</p> <p><u>RISERS:</u> 1 @ 2 people 1 @ 5 people 2 @ 6 people 2 @ 17 people All rooms equipped with mirrors, full washrooms and showers. All but one room are located one floor above stage level.</p> <p><u>DRESSING ROOMS:</u> Located directly behind the crossover hallway. Sprung floor as on stage. Mirrors and bar along one wall. 42'-3" X 46'-0" X 24' 11" high We have 10 sections of black drape All required bases and pipe to set up in a variety of different configurations Equipped with iron, ironing board, washer, dryer, sink. 8 x Rolling costume racks</p> <p><u>REHEARSAL HALL:</u></p> <p><u>PIPE AND DRAPE:</u></p> <p><u>WARDROBE:</u></p>
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LIGHTING:

Strand 550i Lighting Console:

1500 channels, 500 attributes, 54 Submasters,
999 cue memory

STRAND Mantrix MX48:

2-scene preset with memory, 48 channels which can
be used as scene masters, 192 memories
288 @ 2.4 kW capacity (DMX)

Dimmers:

dimmer per circuit, 20 amp new style twist lock

Circuits:

Lighting Instruments:

30 @ 19° Strand SL leko 575W
36 @ 26° Strand SL leko 575W
40 @ 36° Strand SL leko 575W
6 @ 50° Strand SL Leko 575W
14 @ 15-32° Strand SL leko 575W
14 @ 26-50° Strand SL leko 575W
9 @ 19° Source 4 leko 575W (all with Iris)
30 @ 36° Source 4 leko 575W
36 @ 6" ETC Parnel 750W
27 @ 6" Selecon fresnel 1000W
3 colour far cyc units (from top of cyc)
4 x 6 cell Ampro Ground Row
6 x 3" Inkie Fresnels
2 x 3 colour Zip strip
2 x 12" Scoop
2 Follow spots - Lycian 1275 Superstar
40 pattern holders for lekos
39 pattern holders for Source Fours
20 four leaf barn doors for 6" fresnels
12 Strand SL Iris Kits
2 Le Maître Radiance hazers w/ DMX control
2 MDG Mini Max Foggers w/ DMX control
2 12" Mirror balls
1 Strobe Light
8 Black Light units

SPECIAL EFFECTS:

Wide variety of ROSCOLUX gel

Large selection of steel gobos

MOVING LIGHTS:

7 x MAC 700 Profiles

Complete with:

700w short arc high output discharge lamp
Full range mechanical dimmer/shutter
Full spectrum CMY colour mixing
8 colour filters
6 rotating gobos
9 static gobos
Interchangeable gobo animation wheel
Three facet rotating prism
Iris
variable focus and zoom
540° of pan and 246° of tilt
electronic flicker free ballast
60, 200, 400 amp service, 3 phase, 5 wire
located downstage right at grid level
60 amp 3 phase, 5 wire
located in loading dock stage storage
9' X 9' Rear projection video screen
Flown at mid stage between OS3 and OS4
9' x 12' Rear projection video screen
Free standing fast fold set up.
3 tiered AV cart
Denon DN-V310 Professional DVD Player
Selection of VGA cable and adaptors
Selection of BNC cable and adaptors
Projection Design F32 WUXGA5700Lumens
24' x 14.5' RP screen with dress kit
9' x 12' FP motorized screen, hung from OS4
Marshall duel screen preview monitor
Analogue way quattrovue FX switcher

POWER DISCONNECTS:

VIDEO EQUIPMENT:

PORTABLE PA SYSTEM:

1 x Soundcraft Gigrac 600
2 x Renkus-Heinz CFX81
2 x Ultimate speaker stands
2 x 50 NL2 speaker cables

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AUDIO:	
Speakers:	MEYER - 2 MSL4, 6 UPA (2 cluster, 2 balcony, 2 front fill) 2 x Meyer 650 R2 Subs 2 EAW JF60 under balcony fill 4 EAW JF80 Frontfill speakers 4 EAW SM122e monitor wedges 2 MARTIN LE200 monitor wedges 10 EAW Sm200IH monitor speakers
Amplifiers:	BRYSTON and ASHLY brands Monitor Power – Crown CE2000
Mixers: FOH:	<u>Digidesign Profile</u> Located at the back of the orchestra seating FOH Rack w/ 16 TRS Ins, 16 TRS Outs, 4 Stereo AES in and out, Midi in and out FWx Firewire Card Stage Rack w/ 48 mic/line Inputs, 24 Line Outputs
MONITORS:	<u>Digidesign Profile (monitor desk)</u> FOH Rack w/ 8 TRS Ins, 8 TRS Outs, Midi in and out Stage Rack w/ 48 mic/line Inputs, 24 Line Outputs
Monitor control system:	3 x Driverack 480 1 x Driverack remote 480R
BOOTH:	<u>ALLEN & HEATH GL2200</u> Located in control booth (sliding window) 24 inputs, (16 from stage), 6 auxiliaries (4 monitor, 2 effects), 2 stereo returns
Playback and Recording:	3 Marantz PMD331 CD players 1 TASCAM C.D. players 2 TASCAM cassette decks 1 x Marantz CDR632 CD recorder
Intercom System:	11 belt packs and headsets available Outlets are located throughout the Theatre. The system is CLEARCOM compatible 4 BTR 800 Wireless intercom packs
Program Sound / Paging System:	Separate systems for backstage and lobby. Paging from booth, or downstage right.
Microphones:	12 SHURE SM58 7 SHURE SM57 3 SHURE SM81 4 SHURE Beta58 1 SHURE Beta 91 3 SENNHEISER E845S 1 SENNHEISER E602 4 SENNHEISER E604 2 SENNHEISER MD421 1 SENNHEISER MD521 2 SENNHEISER MD509 1 AKG C535 1 AKG D112 3 Superlux CM-H8K/U 5 CROWN PCC160 5 BSS 116 active direct boxes 6 Assorted passive direct boxes 2 Countryman Isomax IV podium mic 2 AKG GN50 Podium mics w/ CK31 capsules 1 C-DUCER stereo piano mic 1 Mono Helpinstill Piano mic in Grand 3 AKG CK31/HM1000 (hanging mics) 4 channels of Sennheiser Evolution 550 Handhelds are E345, lavs are DPA 4061 1 SKP 500 plug on transmitter W/ antenna boosters and 1031 paddle antenna's 20 microphone stands 1 x 25' 12 channel sub snake (box end) 1 x 50' 12 channel sub snake (box end) 1 x 25' 8 channel sub snake (box end) 1 x 50' 8 channel sub snake (box end) 1 x 50' 10 channel sub-snake (box end) 1 x 50' 8 channel sub-snake (fan to fan)
Wireless Microphones:	
Accessories:	5'6" 5 panel clear Plexiglass drum shield 2 x Guitar Stands
BACK LINE:	