Montgomery Hall Theatre Technical Specifications

For further details on any information contained in this specification, please contact:

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S63 7RD

Stage & Masking

The stage is flat (no rake) and has a matt black ply surface.

Stage Dimensions

Width of proscenium: 319" (inches)

Hight of proscenium: 148.5" (inches)

Depth of stage (u/d): 233" (inches)

Width between flats (dsl & dsr) downstage: 299" (inches)

Width between flats (csl & csr) flats centre stage: 273" (inches)

Width between flats (usl & usr) flats upstage: 250" (inches)

Largest entry path from wing to stage: 42" (inches)

General entry path from wing to stage: 40.5" (inches)

Smallest entry path from wing to stage: 16" (inches)

Hight of stage from auditorium floor: 40.5" (inches)

Hight from stage to underside of swipe tracks: 188" (inches)

Hard Masking

Please note all masking on stage is permanent and cannot be moved or adjusted. If you require borders to be moved, please speak to us well in advance of your production. (Fees & costs will apply).

X6 Hard masking flats complete the wing space both stage left & right.

X3 Hard masking boarders.

X1 Hard proscenium located downstage behind the house tabs.

Soft Masking

Please note there is no soft masking on stage.

Swipe Tracks

Please note the swipe tracks cannot be repositioned or moved. Please speak to a member of staff for more information.

X4 Swipe tracks located, (upstage & centre stage).

Temporary Power

Up-Stage Left & Right

X2 Two gang 13amp sockets

Downstage Centre

X1 Two gang 13amp sockets

Backstage Prompt Desk

X3 Single gang 13amp sockets

Backstage (Crossover)

X1 CRS 63 AMP Socket (Single Phase)

X1 Single 36 Amp Socket

Please note, use of the above power points must be agreed with theatre management prior to your booking, (fees & charges may apply).

Lighting Equipment

Please note, no lanterns or equipment are to be adjusted or moved by visiting companies. Our rig is generically focused to cover all areas of the stage with adequate scope for desired looks. If you require lanterns to be focused, please speak with our technical theatre manager, (fees & charges will apply).

Lighting Console

Chamsys Quickq 30 console. Output network / DMX (hardwired).

All of our lighting system us fully LED, we do not use a dimmer system. Portable dimmer systems may be intergraded if your production requires this. Multiple positions backstage & front of house have been allocated for networking purposes. Please speak to a member of staff in advance of arrival regarding networking.

Zero 88 FLX24 lighting console is also available as a back up desk.

Please note, only MHE technicians are permitted to operate & program our inhouse consoles. If you are providing your own lighting or sound operators, you must provide your own lighting & sound console.

Profiles

X8 Marqu Onset Warm White 120W – 26 degree fixed lens tube.

Fresnel

X4 Eluman8 MP 75 LED RGBW MKII 10 – 50 degree.

Par 64

X16 QTX ZP18 Zoom Par Can

Moving Head Spot

X20 Uking 50W Moving Head Spot

Moving Head Wash

X2 Lanta Neptune Moving Head Wash RGBW

Wash Lights

X2 LEDJ Slimline 1WW20 Cob Wash

Follow Spot

X1 Halogen Powered 1000W Minni Ins Follow Spot (iris included).

Sound Equipment

Mixing Desk

Main House Desk: Yamaha MGP24X Premium 24 Channel Mixer

Specifications

  Mixing Channels: 24 Line Inputs (16 Mono and 4 Stereo)

  GROUP: 4 GROUP Buses + ST Bus

  AUX: 6 AUX Sends + 2 FX Sends

  MATRIX: 1 Matrix Out

  Microphone Inputs: 16

  Phantom Power: 48V (Per Channel)

  Line Inputs: 16 Mono + 4 Stereo

  Digital I/O: USB Device, iPod/iPhone

  Frequency Response: 20Hz - 20kHz, +0.5dB/-1dB

Total Harmonic Distortion: 0.02 Percent

Equivalent Input Noise: -128dBu

Residual Output Noise: -94dBu

Crosstalk: -74dB @ 1kHz

Please note that the MGP24X is fixed in our control booth located to the upper back of the auditorium and is in a fixed position that is not movable. For alternative live sound mixing positions please speak with the technical theatre manager.

Playback Equipment

Please note, we require all sound files to be provided on a USB pen, in a WAV file format. (Fees & charges may apply for file conversion).

X2 Windows PC desktop computers running multiplay sound playback software.

X2 Windows CD drives for media uploading.

PA & Monitoring System

The house PA system cannot be removed under any circumstances. The PA system is flown (L/R) front of house to the front of the stage.

X1 SubZero HiCAST LA12 Professional Line Array System

- Modular PA system with 16 4" speakers and two 12" subwoofers
- Powerful 8160W Max power projection with articulate lows and smooth highs

X2 IMG Stageline Flat-M100

Show Relay & Talkback System

We have a fully integrated show relay system that can be configured to relay any aspect of your shows audio to various departments within the theatre. Please see below all areas of the show relay;

Show Relay

- Dressing Rooms 1,2
- Backstage Dressing Room Corridoor
- Back Stage
- Auditorium General Areas
- Bar & Foyer Areas
- Technical Box

Talkback System

We have X4 wired showcoms intercom units. Please see below locations for intercom use.

- Technical Box
- Stage Left (Prompt Desk)
- Stage Right
- Top of Tiered Seating (Follow Spot Gantry)

If you require a different location for the talkback system, please speak with the technical theatre manager, (fees & charges may apply).

Mixing Positions

The main mixing position for the theatre is located in our technical room with an open window, this is positioned centrally to the stage. Alterative mixing positions can be fulfilled, please speak with the technical theatre manager.

Radio Microphones

X2 Generic handheld radio mics.

Hard Wired Microphones

X3 Hard wired handheld microphones

Hard Wired Boundary Mics

X3 Hard wired boundary mics. (Please note these mics can only be used across the front of the stage). *These microphones are not designed to amplify vocals*.

Internet

Internet and WiFi connections are available backstage and on stage please ask a member of the Tech Dept for access password.