



## CENTER FOR THE ARTS Harris Theatre

The 460 seat Harris Theatre is a modified proscenium thrust style theatre with an intimate feel. The orchestra and balcony levels have separate entrances allowing the balcony to be closed when not required. There are 343 orchestra level seats with additional space for 9 wheelchairs, and 117 balcony level seats. The balcony is accessible by staircase only.

The acoustical nature of the room lends itself well to both speaking events and music recitals. The venue has been used by various recording studios looking for a "live" sounding room for marching and concert band music. Additionally, the theatre is used regularly for both dance and theatrical productions.



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**GEORGE MASON UNIVERSITY**  
CENTER FOR THE ARTS  
**HARRIS THEATRE**

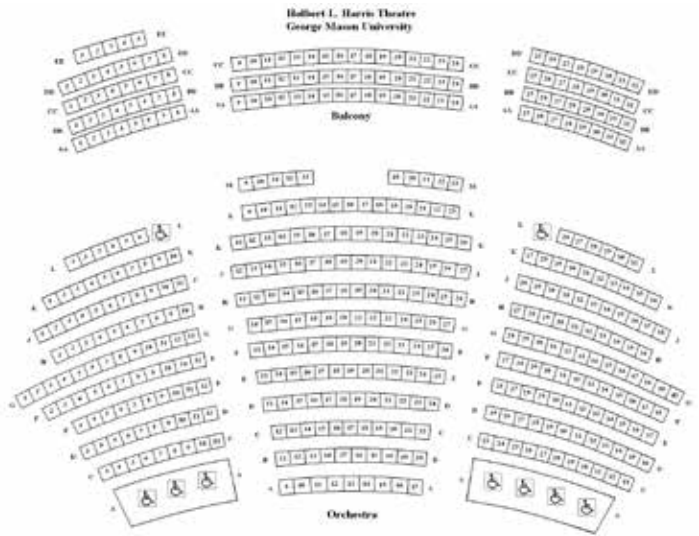


# HARRIS THEATRE technical specifications



**HARRIS THEATRE DOES NOT PROVIDE PARKING FOR PRODUCTION STAFF. THE THEATRE IS ADJACENT TO THE MASON POND PARKING DECK.**

Harris Theatre



### AUDITORIUM SEATING

#### Maximum Capacity:

Total	460
Wheelchair Spaces	9
Orchestra Level:	343
Wheelchair Spaces:	9
Balcony Level:	117

### STAGE

#### Stage:

Proscenium:	39'-5" wide x 20'-4" high
Apron:	10'-6" from plaster line
Upstage Wall:	17'-10" from plaster line
Floor Construction:	Black acrylic paint; maple tongue and groove on plywood, on rubber pads on 2"x4' sleepers
Dance Floor:	Harlequin Studio, black, 6 panels 4'-11 1/4" deep by 42'-0" wide upstage of plaster line dance floor runs from deck edge to deck edge

#### Repertory soft-good Opening:

36'-0" wide x 18'-0" high

### LOADING DOCK FACILITIES

The loading dock is located on the west side of the building just off George Mason Boulevard. The loading dock is at stage level, no dock plate available. It can accommodate only one full size trailer unit at a time. For loading and unloading equipment from shorter vehicles, there is a ramp from street level up to the dock level. Be advised that long set pieces may not fit up the ramp's hairpin turn.

No shore power, no water hookup.

Loading:	1 Dock space; roll door access to stage 7'-11" wide x 10'-1" high; 3'-9" above street level.
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# Harris Theatre

## **BACKSTAGE SUPPORT**

**Dressing Rooms:** Access to all Dressing Rooms is by staircase only  
2 Company Rooms beneath the stage each with toilet, shower and two sinks; 5 dressing/makeup stations with 1 seat per station and equipped with mirrors and costume/wardrobe rack.

1 Makeup Room beneath the stage, with seating for 4 dressing/makeup stations with 3 seats per station and equipped with mirrors and costume/wardrobe racks. Access is through either of the company rooms.

The dressing room hallway has a drinking fountain for potable water.

### Wardrobe/Laundry:

Available by advance arrangement only. There is one washer and one dryer backstage. An iron, ironing board, and professional steamer are also available. Quick change booths can be set up just off of Stage Left and Right.

### Green Room:

There is a large room behind the stage which can be used as a green room facility in addition to housing additional set pieces and/or a stage right quick change booth. There is a live action audio monitor feed from the stage. A microwave, refrigerator and deep sink are available as well as a drinking fountain for potable water. This area houses the loading dock and has both a staircase and a handicapped accessible ramp for access to street level. There is a roll up door to allow scenery pieces to be assembled and taken to the stage, the door is 7'-5" wide by 15'-10" tall.



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**LINESET SCHEDULE**

Line Set #	Distance to Plaster Line	Assignment/Purpose
1	2'-4"	Border #1 and Leg #1
2	2'-9"	<b>Grand Drape*</b>
3	4'-3"	<b>Electric #1*</b>
4	4'-7"	
5	5'-2"	
6	5'-10"	
7	6'-4"	<b>Movie Screen*</b>
8	6'-10"	
9	7'-3"	Border #2
10	7'-7"	Leg #2
11	8'-7"	
12	9'-1"	<b>Midstage Traveler*</b>
13	9'-7"	
14	10'-1"	
15	10'-7"	
16	11'-1"	<b>Electric #2*</b>
17	11'-7"	
18	12'-1"	
19	12'-7"	Border #3
20	13'-1"	Leg #3
21	13'-7"	Black Scrim & Translucent Cyc
22	14'-0"	<b>Upstage Traveler*</b>
23	14'-6"	
24	15'-0"	<b>Zetex Border and Electric #3*</b>
25	16'-6"	Bounce Cyclorama

\* Line sets #2, #3, #7, #12, #16, #22, #24 as listed are considered permanently assigned.

**RIGGING SYSTEM**

<b>Type:</b>	Manual double purchase counterweight system
<b>Weight:</b>	Approximately 25,000 lbs. steel counterweight available in 4" and 5" width
<b>Line Sets:</b>	25 sets installed with 5 lift lines per set with 10'-6" spacing. 48' length battens travel from approximately 3' above deck to 40'-9". Electrics travel from approximately 4' above deck to 38'.
<b>Locking Rail:</b>	Locking rail located at fly gallery stage left approximately 12' from the deck and 34' from center line.
<b>Loading Bridge:</b>	Single loading bridge above fly gallery.
<b>Arbors:</b>	Set live load capacity 1,000 lbs.
<b>Gridiron:</b>	44'-00" above the deck with approximately 8' clear to roof steel, loft blocks are top mounted on grid.
<b>Non-counterweight Rigging:</b>	Two pin rails are installed 30'-6" from center line and 14' from the deck; one at the stage left fly gallery, the other stage right.
<b>Note:</b>	The fly tower is located upstage of the plaster line only. Downstage of the plaster line a pipe grid for lighting instruments is installed. The grid slopes downward as it extends upstage. The highest point located at the edge of the apron is 22'-4-3/8" above the deck. The lowest point is located at the downstage edge of the plaster line and is 20'-1" above the deck.

**DRAPERY INVENTORY**

Item	Color	Fabric	Dimensions	Notes
Grand Drape	Brick	IFR Velour	(2 Panels) 21'h x 24'w	Full, Weight Tape
Traveler	Red			
Midstage Traveler	Black	IFR Velour	(2 Panels) 19'-6" h x 25'w	Full, Weight Tape
Upstage Traveler	Black	IFR Velour	(2 Panels) 24'h x 24'w	Full, Chain
Border #1	Black	IFR Velour	3'h x 48'w	Flat, Weight Tape
Border #2 & #3	Black	IFR Velour	6'h x 48'w	Flat, Weight Tape
Leg Pair #1	Black	IFR Velour	(2 Legs) 21'h x 3'w	Flat, Weight Tape
Leg Pair #2	Black	IFR Velour	(2 Legs) 21'h x 6'w	Flat, Weight Tape
Leg Pair #3	Black	IFR Velour	(2 Legs) 24'h x 12'-6" w	Flat, Chain
Black Scrim	Black	Sharkstooth Scrim	21'h x 48'w	Flat, Skirt with Weight Tape
Cyclorama (Translucent)	White		21'h x 48'w	Seamless, Flat, Skirt with Weight Tape
Cyclorama (Bounce)	Natural Muslin		21'h x 46'w	Seamless, Flat, Skirt with Pipe Pocket
ZetexPlus	Black		4'h x 48'w	Flat
Movie Screen	White		22'h x 19'-6" w	Height Adjustable

**ADDITIONAL STOCK:**

3-Thread Scrim	White	Sharkstooth Scrim	21'h x 46'w	Flat, Skirt with Pipe Pocket
3 Spare Borders	Black	IFR Velour	4'h x 45'w	Flat, Chain
2 Spare Leg Pairs	Black	IFR Velour	24'h x 12'-6" w	Flat, Chain

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**THERE ARE NO COMPANY SWITCHES AVAILABLE. PLEASE CONTACT THE TECHNICAL DIRECTOR IF YOUR PRODUCTION HAS SPECIAL POWER REQUIREMENTS.**

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# Harris Theatre

## STAGE ELECTRICAL CIRCUIT SCHEDULE *(Circuits are 2.4kw unless otherwise noted)*

Position	Total Circuits Available:	Circuit Numbers:
Catwalk 3	12 Circuits Total	1-12
Catwalk 2	18 Circuits Total	13-30
Catwalk 1	18 Circuits Total	31-48
Grid	30 Circuits Total	49-68, 129-138
1st Electric	24 Circuits Total	69-91
2nd Electric	24 Circuits Total	105-128
3rd Electric	12 Circuits Total	92-104
SL Cove	4 Circuits Total	162, 163, 193, 194
SR Cove	4 Circuits Total	176, 177, 196, 197
SL Pin Rail	(12) 2.4kw & 1 6kw	139, 164-173, 195, <b>174 (6kw Circuit)</b>
SR Pin Rail	(12) 2.4kw & 1 6kw	140, 178-187, 198, <b>188 (6kw Circuit)</b>
SL Proscenium Wall	2 Circuits Total	141, 142
SR Proscenium Wall	2 Circuits Total	143, 144
DSL Floor Pocket	2 Circuits Total	145, 146
DSR Floor Pocket	2 Circuits Total	147, 148
USL Floor Pocket	4 Circuits Total	149-152
UC Floor Pocket	4 Circuits Total	153-156
USR Floor Pocket	4 Circuits Total	157-160

## LIGHTING INVENTORY

ETC Element with Net3 Radio Focus Remote: In the control booth, balcony level  
ETC SmartFade 2496 Located backstage right

<u>Lighting Instruments:</u>			
Strand SL 575w at 3050K		Colortran ERS 1000w at 3200K	
26°	46	10°	28
36°	48	20°	58
50°	1	30°	100
		40°	90
4.5"x25" -50° Altman Zoom 750w at 3000K			20
6" Altman Fresnel 575w or, 750w at 3250K			60
8" Altman Fresnel 1000w at 3050K			14
8" Colortran Fresnel 1000w at 3050K			10
8" Strand Fresnel 1000w at 3050K			1
PAR64 1000w at 3200K avail. in NSP, MFL or WFL			8
L&E Broadcyc Cells 1000w at 3200K			64
<i>Broadcyc units may be comprised of 1 to 4 cells.</i>			
GAM Stik-up 100w at 3000K			1
Chauvet COLORado 1 49w RGB LED 15°			8
Lycian Super Arc 400 Followspot 400w at 5600K			2
<u>Effects:</u>	Le Maitre G300 Fog Machine with DMX Interface		2
<u>Accessories:</u>	Strand SL B size Template holders		30
	Strand SL Drop-in Irises		4
	Strand SL Glass Template holders		4
	Strand SL Universal Glass Template 86mm holders		4
	Colortran A Size Template Holders		100
	Colortran Irises (to be used instead of shutters)		12
	Altman 4.5" Zoom A Size Template Holders		20
	Hanging Irons for L&E Broadcyc Units		16
	7.5" Barndoor		29
	10" Barndoor		11
	7.5" Snoot		56
	7.5" Donut		2
	10" Donut		11
	Pigeon Plate		6

## HOUSE THEATRICAL LIGHTING DIMMING AND CONTROL

Dimming: Colortran ENR Series Dimmer Racks  
170 Dimmers at 2.4kw, 20A  
2 Dimmers at 6kw, 50A  
15 Dedicated House Light Dimmers

Lighting Positions:

- 3 front of house lighting catwalks are provided at 4'-0" tall
- 1 front of house box boom position per side
- Avail. upon request: 4 mobile booms per side at 10'-0" tall
- Downstage of the plaster line a lighting pipe grid is installed
- 3 permanent Electrics are located upstage of the plaster line

Tech Table: Dimmable Lighting and non-dim Power Strip are provided

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**SOUND SYSTEM**

FOH Console: Soundcraft Series FOUR

Mono Channel Inputs with individually selectable Phantom Power	48
Stereo Channel Inputs	4
Inputs offer sweep filter and EQ	
(4 band sweep with fully parametric mids)	
Pre/Post assignable Auxiliary Sends	10
Auxes on dual concentric with Stereo/Mono capability	4
Group Busses	8
Pan and Mix/Mono assign from Groups and Auxes	
Stereo and Mono Main Mix Busses	
VCA's	8
Mute Groups	8
16 x 8 Matrix	
VU Output Meterbridge	
Mix Position is in the house, Balcony Left behind row DD	

House PA System

Main Left and Right Eastern Acoustic Works Full Range Loudspeakers JF-560  
Center Pair Eastern Acoustic Works Full Range Loudspeakers JF-560Z  
Subwoofer Left and Right JBL Subwoofer/Bass Loudspeakers SR4715A  
House System Powered by 4 QSC Audio Model 1400 Amplifiers

House PA Processing

Omnidrive Loudspeaker Management System FDS-366	1
Main Left Low and High	
Main Right Low and High	
Center Pair Low and High	
dbx Model 233XL Stereo 2-Way/Mono 3-Way Crossover	1
Subwoofer Left and Right	

Monitor System

Electro Voice Floor Monitor FM-1202ER Loudspeakers	5
Electro Voice Floor Monitor FM-1502ER Loudspeaker	4

Amplifiers

QSC Audio RMX 850 Amplifier	1
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Playback

Tascam CD-01U Professional	2
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Inputs

Channel 1-12 XLR inputs are in the Stage Right alcove  
Channel 13-24 XLR inputs are in the Stage Left alcove  
*Both Snakes can reach Center Stage*

Microphones (Wired)

Shure SM57	6
Shure SM58	6

Microphones (Wireless)

Shure UC Receivers	2
Shure SM58 Wireless Handhelds	2
Shure UC1-UA Wireless Transmitter Packs with Shure Microphones WL50	2
(beige) with swiveling lapel clip or magnet mount	
Shure Wireless Microphone Receivers ULX54	8
Shure SM58 Wireless Handhelds	8
Shure ULX1-M1 Wireless Transmitter Packs with Shure Microphones	8
WL-185 (black) with swiveling lapel clip or 3 available tie tack clips	

Direct Input Boxes

Whirlwind Director (passive)	2
Whirlwind IMP 2 (passive)	4
Whirlwind PC DI for 1/8" Stereo and Dual RCA to Dual XLR (passive)	2



**AVAILABLE EQUIPMENT INVENTORY SHOULD BE CONFIRMED WITH THE TECHNICAL DIRECTOR PRIOR TO LOAD-IN. ALL ITEMS ARE SUBJECT TO AVAILABILITY.**

Harris Theatre

**SUPPLEMENTAL SOUND REINFORCEMENT**

Mixing Console

Mackie 12 Channel Mixer 1202-VLZ 1

Loudspeakers

JBL Full Range Loudspeakers SR4735 2

Community Full Range Loudspeakers CSX-57 2

M-Audio Studiophile BX5a Powered Loudspeakers 2

Outboard Gear

dbx Model 166 Gain Reduction Compressor 1

dbx Model 266 Compressor Gate 4

Lexicon PCM70 Digital Effects Processor 1

Intercom

Clear Com 2 Channel Main Station MS-222 1

Clear Com 501 Single Channel Beltpacks 11

Clear Com 502 Dual Channel Beltpack 1

Hearing Impaired

OnWave Phonic Ear PE-560T Transmitter 2

Phonic Ear Receivers 2

**ADDITIONAL STAGE EQUIPMENT**

Pianos

Steinway Model D - 9' Concert Grand Piano, Black with Artist's Bench 2

Upright Piano, Black with Artist's Bench 1

Wooden Double-wide Bench 1

Lecture Equipment

Elmo Document Projector 1

Overhead Transparency Projector 1

Rolling Chalk/White Board approximately 4'x6' 2

Lectern with built in microphone, Black, black marble inset on front 1

Lectern with optional attachment for mic (wood, black marble inset on front) 1

Smart lectern with built in DVD/VHS player, Document Camera, speakers, 1

VGA hookup, and video playback monitor

Platforms

Monroe Platforms, Brown Masonite Tops:

Two 4'x6' at 24" High One 3'x3' at 8" High

Two 4'x6' at 16" High Two Trapezoid at 16" High

Two 4'x6' at 8" High Two Wedge Shaped at 8" High

Eight 4'x8' at 16" High Four Trapezoid at 24" High

Orchestra Equipment

Wenger 'Legacy' Acoustical Shells, Off-white 8

Wenger 'Tourmaster' 3-Step Standing Choral Risers with optional 7

4th step and rear railing

Orchestra Chairs, Grey Upholstered, Black Frames 70

Wenger 'Bravo' Double Rail Music Stands, Black Deck, Chrome Base 60

Music Stand Lights 35

Conductor's Podium (3'-3 1/2"x3'-0" at 8 1/2") 1

Acrylic Conductor's Music Stand 1

Video Projection

Epson PowerLite 8300i Video Projector 1

(1024 x 768 pixel; 5200 ANSI Lumens; 1200:1 Contrast Ratio)

19'-6" wide x22'-0" high Front Projection Screen on Lineset 7 1

DVD Player, Regions 1 or 0, NTSC only 1

VCR Player, NTSC only 1

Computer VGA Hookup 1

35mm Slide Projection

Projectors: Kodak Ektagraphic III B Slide Projector with wired remote 1

Kodak Ektagraphic III E Plus Slide Projector with wired remote 1

Lenses: Kodak Ektanar Projection Zoom Lens 4 to 6 inches f:3.5 2

Kodak Ektanar Projection Zoom Lens 127mm f:2.8 1

Kodak Ektanar Projection Zoom Lens 102mm f:2.8 1

Raynox Projection Lens 100mm f:2.8 1

Raynox Projection Lens 75-125mm (3-5") Zoom f:3.5 FF 2

Wiko Projection Zoom Lens 100-150mm f:3.5 1

Buhl Optical Projection Lens Cat #864-060 VFL 2.4"-3.6" 2