

Maclab Centre for the Performing Arts

Technical Specifications

SEATING

Seating Capacity

Fixed Seating:	453
Seats removable to accommodate wheelchairs:	<u>9</u>
Total Seating:	462

-Removable seats are in banks of three. Three seats removed yields two wheelchair-sized positions.

-The Audio Mix Position will use 8 seats if located in the house.

STAGE

The stage is a rectangular proscenium with a deep, semi-circular apron. The stage is at audience level.

Stage Playing Area

Apron Up: 36' wide x 18' deep (app.)

Apron Down: 36' wide x 16' deep (app.)

Access to the Stage

Lobby: through door USR.

Dressing Rooms: through door USL. There is no physical crossover. Crossover space is provided upstage of the cyclorama, 32" in width.

Loading: through the shop SL. The loading doors are on the east side of the building. The loading doors are at ground level and have clearances of 9'6" (2.89m) high x 6'10" (2.08m) wide through to the stage. Vehicles cannot be left in the loading dock, however the adjoining parking lot can trucks up to 5 tons.

Parking: Company access is provided via the white stage doors on the east side of the building, patron access is via the main doors on the south side of the building.

Proscenium Opening

Width: 34'5-1/2" (10.50m)

Height: 13'6" (4.11m)

Setting line to upstage wall: 22'8" (6.93m)

Setting line to downstage apron: 19'3-1/2" (5.88m)

(The Setting line is the upstage edge of the proscenium)

Centerline to Stage Right wall: 28'5" (8.66m)

Centerline to Stage Left workshop door: 29'2-3/4" (8.9m)

Stage Floor to lighting grid: 16'5-1/2" (5.02m)

Wing Space

Stage Right (from end of leg track to wall): 4'5" (1.34m)

Stage Left (from end of leg track to wall): 5'2-3/4" (1.59m)

Additional: workshop, SL

Surface

Stage floor is 1/4" Duratex (hardboard Masonite), smooth side up.

Sprung throughout

The colour is black throughout.

Fastening is permitted with fasteners no larger than #8 screws. **ABSOLUTELY NO LAG BOLTS OR STAGE SCREWS.** All fasteners must be removed at the end of your booking.

Any spike tape must be removed at the end of your booking.

Support Areas

Crossover: There is no physical crossover, there is 32" upstage of the cyc.

Shop areas: The workshop provides storage and a modest work area.

Storage: Lockable storage is available in the workshop and in both dressing rooms. All storage must be coordinated with the Technical Director.

Loading dock: Located on east side of the building, off of parking lot. This is a street-level dock.

Laundry: Laundry facilities must be requested in advance as we share facilities.



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MASKING AND SOFT GOODS

General Description

The current masking consists of 14 panels of black velour 15' (4.57m) high x 7' (2.13m) wide that are on tracks that span the full width of the stage in three locations. Standard configuration consists of 2 panels per side per track on the downstage and mid-stage tracks. There are a total of 6 panels on the upstage track to completely mask the cyclorama.

Setting line to Main Drape	0'6" (0.15m)
Setting line to downstage track	5'5" (1.65m)
Setting line to mid-stage track	10'7" (3.22m)
Setting line to upstage track	15'8" (4.79)
Setting line to cyclorama	20'0" (6.09m)

Available Draperies

See house plot attachment for detailed layout. Storage locations may vary.

- 1 Main Drape, light blue 38'0" (11.59m) w x 15'0" (4.58m) h
18 oz. Velour, 200% fullness, light staining
Powered traveller mechanism, 12 seconds fully open to fully closed.
- 1 Projection screen, front 15'0" (4.58m) w x 18'0" (5.49) h
The projection screen hangs in the centre of the proscenium.
Motorized, 25 seconds to deploy or retract end-to-end
- 1 Cyclorama, white, cotton 45'0" (13.72m) w x 15'0" (4.58m) h
The cyc is dead hung, with a winch system in place to trip it up from the bottom. This does not take the cyc out of view, rather protects it from damage when it is not in use.

Upstage wall is black.

Borders

The Maclab Centre has three borders 48' w x 3' h, each hanging downstage of a leg track at the following distances from the setting line:

Border 1: 3'11" (1.19m)

Border 2: 8'10" (2.69m)

Border 3: 13'9" (4.19m)

All borders are black twill, pleated to 25% fullness with a loaded chain pocket.

LIGHTING

House Plot Description

The stage is divided into 9 areas.

2 point warm front light per area R05

1 point cool front light per area R60

1 SourceFour multiPAR XWFL (750W) top light per area with colour scroller

The current colour scrolls consist of the following colours in order (all Rosco):

00-318-40-26-27-20-23-312-4860-4960-339-358-382-72-77-93

1 R74 Fresnel (1KW) top light per area

4 FOH specials

Three colour cyc wash (RGB)

Downstage & Upstage Gobo wash

Control

ETC Emphasis with Express 48/96 facepanel.

Wireless remote.

Control location

Control booth located at rear of house.

Dimming

The Maclab Centre has a total of 80 2.4KW Dimmers. There is a Great Performance Products 12 Channel pack permanently patched to circuits 61-72 (FOH7). The rest of the circuits are serviced by Electro-Controls QD Dimmers in 4 channel modules. There are 18 modules available; the standard house hang uses 10 of them. The house hang is circuited in such a manner so as to free up as many modules as possible.

Of the 8 free modules, two of them are missing one channel, and one is missing two channels, reducing available dimming to 28 channels.

The Maclab Centre operates on a single universe of DMX. A DMX splitter is available.

Lighting Inventory

Ellipsoidals

6	ETC	Source Four	90°	750	New
15	ETC	Jr. Zoom	25 - 50°	575	New
20	Altman	Mini Zoom	25 - 50°	750	Aging
4	Altman	360Q	6x9	750	Aging
2	Altman	360Q	6x12	750	Aging

Wash Fixtures

9	ETC	PAR	Varies	750	New	VNSP, NSP, MFL, WFL, XWFL
29	FE Lighting	PAR64	WFL	1000	Good	
10	Altman	6" Fresnel		750	Aging	7 Barndoors
3	Altman	SkyCyc 3-cell		1000	Good	

Automation

4	ETC	Revolution	15 - 35°	750	New
12	ChromaQ	CL3 Scroller			New

Connectors are 20 amp new-style twist-lock.

Supplemental Equipment (Subject to availability; additional charges may apply.)

Sanyo PLC-XT20 LCD Projector, 3800 ANSI Lumens. Permanently installed.



AUDIO

Road Power

1x 120/240V 50A Range in workshop.

Production Communication

Clear-com 2 channel system, 6 belt-packs.

Usual positions:

Booth - audio, lighting, stage management.

Stage - Down Stage Right, Down Stage Left

Com panels are also located in both dressing rooms and in the dressing room stairwell.

Program Sound

Controlled from audio booth. Usual source is show mic, located centre of house. Available in booth, both dressing rooms, and workshop.

Individual wall mounted volume controls in all areas.

Paging

Available to the dressing rooms and auditorium.

Assign and microphone located at Stage Management position in booth.

Intercom

Aiphone intercom system with stations in booth and dressing rooms. Enable/disable switch in booth.

Audio Control Location

Audio can be controlled from the control booth or from the FOH Mix Position at the rear, right side of the centre section. The FOH Mix Position consumes 8 seats.

The decision of whether the mix position is in the house or the control booth rests solely with the Maclab Centre staff, as per your rental agreement.

Equipment Inventory

Mixing Consoles

Digital: Yamaha DM1000

- 16 A/D Converters
- 4 Omni In
- 12 Omni Out
- 4 Band Parametric EQ per input/output
- Gate/Compression per channel
- 4 onboard effects processors
- 8 Aux
- 8 Bus

- Yamaha mLAN card for computer interface

Analogue: Yamaha GA32/12

- 28 mono, 2 stereo inputs
- 10 mix busses plus stereo
- 4 Band EQ w/2 sweepable mids

Processing

- 1 - dbx 2031 two channel third-octave equalizer
- 1 - DOD single channel third-octave equalizer
- 1 - DOD two channel third-octave equalizer
- 1 - Ashly Protea 4.24G 4 channel digital graphic equalizer
- 4 - dbx 160A mono compressors
- 1 - TC Electronic M-One XL effects processor

Playback

- 2 - Sony 5 Disc CD Changers
- 1 - Tascam 112R mkII single cassette deck
- 1 - mac mini computer with QLab playback software
- 1 - Tascam CD-450

Microphones/DIs

5 Shure	SM58	dynamic cardioid
4 Shure	SM57	dynamic cardioid
1 Shure	beta52a	dynamic cardioids
2 Shure	SM81	unidirectional condenser
2 Shure	MX418/185	supercardioid gooseneck condenser
3 Sennheiser	e604	dynamic drum mic
6 AKG	C 568 B	shotgun microphone
2 AKG	C 414	condenser multipattern
1 EV	RE20	dynamic cardioids
2 Radial	J48	Active DI
2 Radial	proDI	Passive DI
1 Radial	JPC	Active PC/consumer playback DI

Wireless (additional charges may apply)

- 8 Sennheiser EW100 UHF Receivers, B-Band 630-662 MHz
- 2 Sennheiser SKM100 handheld transmitters, dynamic cardioids
- 8 Sennheiser EK100 bodypack transmitters, MKE2 Gold heads

- 8 Micron RX501U UHF Receivers, 500-505 MHz
- 8 Micron TX501U UHF Transmitters, MKE2 Gold heads

Accessories

10 K&M tall mic stands with telescoping boom
5 K&M tall mic stands with long boom
2 K&M tall mic stands, no boom
6 K&M short mic stands with telescoping boom
1 K&M mic stand, no boom
1 tabletop mic stand

1 Rapco 24x4 snake, 100'
1 8 channel patch snake, 12'
1 8x4 patch snake, 40'

5 Manhasset music stands with light

Speakers

4 Apogee AE-5 (Main PA) Each box is bi-amped with a QSC 1500a amplifier.
2 Custom dual 18" subwoofer, each box is powered by a bridged QSC 1500 amplifier.
4 Mackie SRM450 15" bi-amped active wedges, typically used as monitors.

House wiring

32 input lines, DSL
8 return lines, DSL, three dedicated to house patch.
4 cross-stage tie lines on the downstage walls

Piano (rental fees may apply)

Yamaha C7 7'6" concert grand.
Tuning is mandatory, and is provided at cost.
The piano may be moved by Maclab Centre personnel only.

Lift

Genie AWP-25s, DC version. 25' Maximum Height

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