



McPherson Playhouse

Technical Information

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General Information

The McPherson Playhouse first opened in 1914 as the Pantages Theatre. It was re-named after Thomas Shanks McPherson, who bequeathed both the theatre and funding for its reconstruction to the people of Victoria. The award-winning project was completed in 1965 and included a modern lobby addition, technical improvements, and the refurbishing of the ornate Neo-Baroque style auditorium.

Further technical renovations took place in 1997, along with a lobby restoration and improvements to the concession and box office. New seating was installed in 2008, with the main floor row spacing increased for improved comfort and sightlines.

“The Mac” hosts a wide assortment of touring and local acts and events year-round.

Contact information:

Administration:	(250) 361-0800 Toll-free: 1-888-361-0800
Fax line:	(250) 361-0805
Box office:	(250) 386-6121 Toll-free: 1-888-717-6121
Website:	http://www.rmts.bc.ca/
E-mail address:	marketing@rmts.bc.ca
Mailing address:	Royal and McPherson Theatres Society 302-1005 Broad St. Victoria BC V8W 2A1
Street address:	# 3 Centennial Square, Victoria BC V8W 1P5 600-block Pandora Ave. (main entrance and box office) 1600-block Government St. (stage door & loading door)

Administration:

Executive Director:	Franz Lehrbass	(250) 361-0801	franz@rmts.bc.ca
Technical Director:	Blair Morris	(250) 361-0818	brmorris@rmts.bc.ca
Rental information:	Mandy Niddrie	(250) 361-0807	mdewey@rmts.bc.ca
Marketing Information:	Ainslee Jessiman	(250) 361-0800	ajessiman@rmts.bc.ca
Box Office Manager:	Melissa O'Shea	(250) 361-0808	moshea@rmts.bc.ca
Front of House Manager:	Jackie Adamthwaite	(250) 361-0809	foh@rmts.bc.ca

Technical information URL:

Technical documents and drawings for the McPherson Playhouse are available online at:

<http://www.rmts.bc.ca/rental-information/mcpherson-playhouse-technical-info>

Please check for updates as applicable.

Front of House

Seating Capacity:

Main floor	385	343 with full orchestra pit
Balcony	363	
Boxes	24	
Wheelchairs	12	Included in main floor count of 385
Total capacity	772	734 with full orchestra pit

Configuration:

Proscenium stage, conventional seating, single balcony with adjoining side boxes
Wheelchair seating is at the back of the main floor only.

Seating holds:

The RMTS holds 6 house seats, plus 6 seats in reserve.
15 balcony seats and 12 box seats (6 per side) are sold as “partial view” for all events.
Use of the full orchestra pit requires the removal of 40 seats (main floor rows AA & BB).
Use of rental or touring consoles may require up to 10 holds at the rear of the main floor.
Use of a rental or touring PA normally requires 24 holds for potentially obstructed sightlines.
Additional holds must be arranged for all video camera positions, etc.

Production position:

Located rear of main floor, centre section, behind Row Q. A level area 5' x 10' (1.5 x 4.2m) is available. See details under “Sound – Location”. Contact theatre if this area is to be used. This area doubles as extra wheelchair space, and must be reserved well in advance if needed for production. Regular wheelchair areas (back of main floor, left and right) are not available for production equipment.

Box office:

Hours are 10:00 a.m. to 5:00 p.m. Monday through Saturday, and from two hours prior to any performance until one half hour after showtime. Tickets for the McPherson Playhouse are also sold at the Royal Theatre box office.

Front of House staff:

Box office attendants, ushers, ticket takers, concessionaires, bartenders and coat check attendants are provided. Merchandise sellers are available by advance arrangement.

Normal length of intermission: 20 minutes

Related equipment:

1	Folding 10-panel (2x5) display board	Black/grey 11'-8' W x 7' H (3.56 x 2.13 m)
6	6' x 2'-6" (1.83 x 0.76 m) folding tables	White
5	4' x 2' (1.22 x 0.61 m) folding tables	White
1	3' x 3' (0.91 x 0.91 m) folding table	White
30	Folding armless chairs	Black
1	Lectern, blonde oak finish	Shared with stage – check for availability
1	Yamaha C7	7'-6" concert grand piano Shared with stage – check for availability
5	Sennheiser EK1 830 / EZT 3011 Hearing assistance receivers	Infra-red bodypack receivers with inductance loops, for use with either headphones or compatible hearing aids/cochlear implants
10	Sennheiser RI 250 Hearing assistance receivers	Infrared mono stethoset receiver
	Lobby video, audio, paging/chimes, emergency paging, video signage	See under “Audio”, p.14

Stage

Stage dimensions:

Proscenium opening – width:	31'-9"	9.68m	Fixed opening
Proscenium opening - height:	27'-9"	8.46m	Playing height is set by soft goods. Clear height of permanent central house PA cluster: 21'-3" (6.48m)
Plaster line to US wall:	27'-0"	8.23m	
Plaster line to apron edge:	4'-8"	1.42m	at center line (curved)
Centre line to SR wall (DS):	31'-11"	9.73m	See note below
Centre line to SR fly rail (US):	26'-6"	8.08m	See note below
Centre line to SL wall:	25'-10"	7.87m	
S.R. wing free height:	19'-0"	5.8m	Exclusive of side truss
S.L. wing free height:	59'-6"	18.14m	Exclusive of side truss
Centre line to S.R. fly floor:	22'-7"	6.88m	22' (6.7m) to side truss
Stage floor to under grid:	59'-6"	18.14m	

Notes: Fly rail is against SR wall beginning at 12'-6" (3.81 m) from Plaster Line, extending to the USR corner, and continuing along the US wall to 18'-6" (5.64 m) from Centre Line. Clear dimension from centre line includes operating allowance. See ground plan.

IMPORTANT NOTE: The fire curtain must not be impeded, by order of the Victoria Fire Department.

Fly information:

Total sets of lines:	18 – counterweight sets 3 – winched house electrics (not available for scenery) 6 – hemp sets (reserved for house borders, valence, DS legs)
Occupied lines:	11 – counterweight sets (house masking/lighting hang, main drape) 3 – winched sets (dedicated house electrics) 6 – hemp sets (house masking)
Available lines:	7 – with house masking and lighting hang in place 17 – with house masking and lighting hang cleared
Loading capacity:	900 lbs (counterweight sets)
Length of pipes:	42' (12.8m) x 1.9" (0.05m) O.D.
Maximum flying height:	Counterweight sets – 54'-4" (16.25m) House electrics – 32' (9.75m) Hemp sets – 58'-6" (17.8m)
Maximum flying width:	42' (13.4m)
Operation:	Fly rail on deck SR (Hemp sets from SR fly floor at +22'(6.7m))

Stage floor: Maple, stained dark brown.
Lagging, nailing and screwing into stage floor is not permitted.

Trap Door: One "Hamlet" type, located at centre stage. No trap elevator.

Door size:	7'-0"W x 4'-6" (2.13 x 1.37m) in two sections
Clear opening:	6'-2"W x 4'-2" (1.88 x 1.27m).
Height:	11'-11" from stage floor to trap room floor
Location:	Centre of opening is 10'-3" (3.12m) from plaster line

Elevators: None

Stage Equipment

Draperies: See line list for masking positions.

Legs:	10	9' W x 27' H	Black 20oz. flat-sewn cotton velour
Borders:	5	42' W x 8' H	Black 20oz. flat-sewn cotton velour
Backdrops:	2	38' W x 27' H	Black, with fullness
Cyclorama:	1	39' W x 29' H	
Scrim:	1	38" W x 26'-6" H	Black
Grand Valance:	1	37' W x 10' H	red, gold trim
Main Curtain:	1	37' W x 23'-6" H	red, gold trim
Side tabs	8	4' W x 27' H	Black 20 oz. flat-sewn cotton velour

Note: Black backdrops and main drape consist of two panels each.

Risers: Wenger Versalite, HD black surface.

6	4' x 8' (1.22 m x 2.44 m)	With leg-sets for 8", 16", & 24" height
4	4' x 4' (1.22 m x 1.22 m)	With leg-sets for 8", 16", & 24" height
4	16" H x 32" W (0.41 x 0.81m)	2-step units, plywood, black

Chairs: 40 – armless, black padded pan and back, black frame
Stools: 4 – 30" (0.76 m) high backless plain wooden bar stools, dark brown
Lectern: 1 – blonde oak finish (shared with FOH)
Tables: 3 – 6' x 2'-6" (1.83 x 0.76 m), dark grey
 2 – 4' x 2'-0" (1.22 x 0.61 m), dark grey

Dance Floor: Rosco "Dance Floor" black/grey, by advance arrangement only.

Ladders:

1	14'	Allright F579-14 Type 1A fibreglass single ladder – FOH lighting
1	20'	Featherlite 9220 Type 1AA fibreglass extension ladder – FOH lighting
1	12'	Louisville FS1512 Type 1A fibreglass step ladder
1	8'	Louisville FS1508 Type 1A fibreglass step ladder
1	8'	Allright F586-08 Type 1 fibreglass stepladder
1	6'	Featherlite 6306 Type I fibreglass step ladder

Lift: 1 – MEC Handy Herman 24D, platform height 24' (7.3 m), capacity 300 lb. (136 kg)

Miscellaneous:

2 – sets of removable stairs from aisles to stage
 1 – hand truck
 2 – flat 4-wheel dollies
 2 – Yellow Jacket YJ5-125 5-channel cable protectors
 Assorted cable mats, drum carpet
 Mop and bucket, broom, dust mop, wet/dry vacuum cleaner

Orchestra and related equipment

Orchestra shell:	None
Conductor's rostrum:	1 – 2'6" x 2' 6"x 8"H (0.9 x 0.9 x 0.2mH) Wenger
Music stands:	30 – Manhasset Model #48
Stand lights:	26 – Manhasset Model #1000, 40W lamps
Pianos:	1 – Yamaha C7 7'-6" concert grand 1 – Yamaha G3 6'-0" conservatory grand (lobby mezzanine only)
Piano tuner:	House tuner only, arranged through Technical Director

Orchestra Pit

Specifications:

Access:	Stairway from trap room
Depth below stage floor:	5'-2" (1.58 m)
Depth below house floor:	1'-5" (0.43 m)
Pit length:	39'-4" (12.0 m)
Pit width:	6'-7" (2.0 m) at centre
Accommodated musicians:	Approximately 14
Expanded pit length:	39'-4" (12.0 m)
Expanded pit width:	12'-1" (3.7 m) at centre
Accommodated musicians:	Approximately 35
Elevators:	None

Notes: Pit is expanded by manual removal of risers and 40 seats.
Large instruments must load in from stage or auditorium.
Contact theatre well in advance if orchestra pit is to be used.

Loading Area

Location:	1600 block Government St., north side of theatre
Distance from stage:	Approx. 50' (15.3 m) from exterior door to SR wing Approx. 60' (18.3 m) from street parking to exterior door and stage door
Loading dock:	None. Load-in is from an alley at stage level, or from street parking. Alley can accommodate one 5-ton truck only. Semi-trailers must unload from street parking (see below).
Loading door:	Exterior door: 9'-10" W x 13'-10" H (3.00m x 4.22m) Interior door: 6'-4" W x 9'-4" H (1.93m x 2.84m)

Notes: Exterior loading door is located at the end of a slightly inclined alley 13' W x 45' L (3.9 x 14 m)
A maximum of 6 street parking meter spaces can be reserved for loading.
Parking permits must be arranged with theatre in advance.
Configuration of loading area may restrict the maximum size of large pieces – contact TD.

Lighting

Dimmers: 188 – 2.4kW ETC Sensor dimmers, DMX-512
2 – 6kW ETC Sensor dimmers, DMX-512

Control: ETC Gio – 2048 channels, 10,000 Cues, 300 submasters, WRFU
ETC Ion full tracking backup, Net3 remote video interface 3 (RV13)

Location: House lighting console is located in booth at rear of main floor.
Touring lighting consoles may also set up in the control booth (recommended).
Production area at rear of main floor is normally not available for lighting consoles.
Contact theatre if the production area and/or control booth are to be used.
See details under “Sound – Location”

Houselights: 1 – 2.4kW ETC Unison dimmer racks
Operation is from control booth only, though a dedicated control panel.
Auxiliary on/off switches located DSR and in FOH office

Lighting positions:

House electrics 1-3	Onstage	40' pipes, max load 800lbs
Side trusses L/R	Onstage, 22' from CL	24' x 12" box truss. Max. height 20'
Box fronts L/R	Near pros., low angle Throw: 18' approx. to DSC	Max. 2 instruments per side
Tormentor booms L/R	Above boxes, near prosc. Throw: 22' approx. to DSC	Max. 6 instruments per side
Canopy pipes L/R	Above boxes, near balcony Throw: 40' approx. to DSC	Max. 4 instruments per side
Circle rail	Front edge of balcony Throw: 36' approx. to DSC	Max. 8 instruments
Balcony booms L/R	Sides of balcony Throw: 50' approx. to DSC	Max. 6 instruments per side Fixed hang – see house plot
Far pipe	Rear of balcony Throw: 75' approx. to DSC	Max. 24 instruments

Lighting circuits: All circuits are hardwired, dimmer-per-circuit. No hard patch, no road transfer.

House electrics 1-3:	45 dimmers	
Multi-cable drops:	62 dimmers	30 SR, 32 SL
Fly floor	4 dimmers	
Floor pockets L/R	15 dimmers	9 SR (3 repeated in orchestra pit), 6 SL
Floor pockets L/R	2 dimmers	1 per side, 6kW, 5-15R connector
Orchestra pit	3 dimmers	(3 repeated in floor pocket USR)
Box fronts L/R	2 dimmers	1 per side
Tormentor booms L/R	12 dimmers	6 per side
Box pipes L/R	8 dimmers	4 per side (1 per side repeated at circle rail)
Circle rail	6 dimmers	(2 repeated at box pipe)
Balcony booms L/R	12 dimmers	6 per side
Far pipe	24 dimmers	

Non-dims:

There are no DMX-controllable non-dims available. Listed below are assorted non-dim circuits (many of which are reserved for house LED fixtures, etc.), and convenience outlets.

Breaker panels are located SR, and in spot booth.

Auxiliary power (three-phase and 50A) is listed further below.

9	20A 120V	5-15/20R	House electrics 1-3 – house LX hang
2	20A 120V	L5-20R	Fly floor SR – house LX hang
1	15A 120V	5-15R duplex	Fly floor SR – house hazer
3	15A 120V	5-15R quad	SR side truss – house LX hang
1	15A 120V	5-15R quad	SL side truss – house LX hang
1	15A 120V	5-15R quad	DSR prosc. wall, stage level (2 parallel quad receptacles)
2	15A 120V	5-15R duplex	SR wall, stage level
4	15A 120V	5-15R duplex	US wall, stage level – house LX hang
1	15A 120V	5-15R quad	SL wall, stage level
1	30A 3-phase 120/208V	L15-30R	SR wall, stage level – motor power
1	30A 1-phase 208V	L6-30R or L6-20R	SR wall, stage level – projectors, etc. (parallel receptacles)
1	15A 120V	5-15R duplex	Circle rail (2 parallel duplex receptacles)
2	20A 120V	L5-20R	Projection booth – house follow-spots
1	20A 1-phase 208V	L6-20R	Projection booth
1	30A 1-phase 208V	L6-30R	Projection booth
2	15A 120V	5-15R duplex	Projection booth

Lighting instruments:

6	Selecon Aurora	3-way cyc light	1kW x 3	(Note: in storage)
6	Altman Zip Strip	3-way strip light	750W x3	
9	ColorBlast 12	3-colour LED flood	50W	10 degree
10	ColorBlaze 72	3-colour LED strip light	425W	10 degree
38	ETC Source Four	PAR - see below	575W	
22	Selecon Arena HP	7" fresnel	1kW	
20	ETC Source Four	10 degree ERS	575W	All hung FOH
26	ETC Source Four	19 degree ERS	575W	All hung FOH
34	ETC Source Four	26 degree ERS	575W	
42	ETC Source Four	36 degree ERS	575W	6 – hung FOH
18	ETC Source Four	50 degree ERS	575W	8 – hung FOH
2	ETC Source Four	25-50 zoom ERS	575W	
8	Lumi PL-16E	PAR 16 medium	100W	
12	ETC S4 Lustr+	26 degree ERS	130W	Limited placement

Additional lenses:

4	ETC Source Four ERS	19 degree lens tubes
4	ETC Source Four ERS	50 degree lens tubes
38	ETC Source Four PAR	Sets of WFL, MFL, NSP, VNSP

Accessories and hardware:

22	Apollo Spectra Q3 colour scroller – custom gel strings, limited placement
16	Rosco I-Cue Intelligent Mirror – adapted for Source 4 ERS
2	Rosco Image Pro gobo slide projector
2	DHA 203 double indexing gobo rotator
6	Rosco Midnight Free Flow 56103 glass gobo
4	Rosco Warm Free Fow 56102 glass gobo
24	ETC Source Four iris
24	Selecon barndoor
14	A size gobo holder
47	B size gobo holder
8	10' pipe booms (steel base plate, 1.5" schedule 40 pipe)
10	'Christie Lites' fixture floor base 10"x10"x4"
10	'Christie Lites' 7' extension arm

IMPORTANT NOTE:

See house lighting plot, lighting paperwork, and circuit plot online for detailed information on house lighting hang, circuit locations, lighting positions, permanent positions of fixtures, fixture inventory, accessory list, etc.

<https://www.rmts.bc.ca/rental-information/mcpherson-playhouse-technical-info>

Please check for updates as applicable.

The house LED fixtures lighting the proscenium arch and auditorium architecture/décor are not available for any other purpose.

Connectors:

NEMA L5-20 – 20 Amp twist-lock ground (“new style”, pin in)
 NEMA 5-50 – 50 Amp U-ground (2x 6kW dimmers only)

Colour stock:

Lee – most colours 101-204 in stock, in cardboard frames or sheet stock
 Roscolux – limited stock

Lighting cable:

1500'+	(various lengths)	12-guage twist-lock cable
350'	(various lengths)	6-circuit multi-cables, maximum 10A per circuit
16	2' (0.61m)	14-guage twist-lock two-fers

Followspots:

2 – Lycian M2 #2040 (1200W, medium throw)

Location: projection booth at rear of balcony
 Throw distance: approx. 95' (29m)

Haze machine:

MDG Atmosphere APS Haze Generator

Auxiliary power:

2	225A 3-phase 120/208V	Cam-Lok “J” series	Dimmer room, one level beneath stage Access through floor pocket at SR wall Reversed ground and neutral
2	40A 1-phase 120/208V	14-50R	SR wall

Auxiliary power notes:

Contact the Technical Director well in advance to arrange for permit and hook-up electrician.
 All touring and rental equipment and conductors must be approved by CSA, ULC, or Intertek,
 and must display valid approval stickers as per the BC Electrical Code.

In-house power distribution:

1 – 4 x 5-15/20R (U-ground) splitter, for use with 14-50R service SR, max load 40A

Sound

Location:

House FOH console and playback/effects rack are located at the rear of main floor.
Touring and rental FOH consoles must be set up in the area adjacent to the house console.
Dimensions: 5' x 10' (1.5 x 4.2m) plus overhang covering the last row of seats.
Limited space is available in the control booth, rear of main floor (recommended for tour lighting boards, video cameras, etc. See under "Lighting – Location")
Contact theatre if the production area and/or control booth are to be used.

Front-of-house mixing console:

DiGiCo SD12–96 Stealth Core 2 – 48/96 kHz sampling rate, 26 touch-sensitive motorized faders, 96 input channels, 48 output busses, 12 x 8 matrix, 2 solo busses, 119 dynamic equalizers, 119 DiGiTuBes, 119 multiband compressors, 12 control groups (VCA style), 12 digital effects, 16 x 32-band graphic equalizers, 2 x 15" LCD high-resolution touch screens, 1x DMI MADI-C card, 1x redundant MADI interface (to connect D-Racks), 1x DMI DANTE 64 card (to connect to Lectrosonics wireless) (latest software)

Console I/O racks:

2	DiGiCo D-Rack	32 inputs and 8 outputs – located FOH
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Installed PA system:

5	Meyer LINA	Main floor – left of proscenium
5	Meyer LINA	Main floor – right of proscenium
5	Meyer LINA	Balcony – top centre of proscenium
1	Meyer 750-LFC	Balcony – top of speaker cluster (subwoofer)
2	Meyer UPJ-1P	Upper balcony fill
4	Meyer 700-HP	Orchestra pit – 2 per side (subwoofer)
4	Meyer UPM-1P	Under-balcony fill
1	Meyer UPM-1P	Main floor centre fill – apron edge
2	Meyer UPM-1P	Box fill – left and right of proscenium (1 per side)
2	Meyer UPM-1P	(Movable – no stands)
1	Meyer RMS system	Remote speaker monitoring from console location

Processors and amplifiers:

2	Meyer Sound Galileo 816	System drive processors
2	Crown Com-Tech CT-210	2-channel amplifier For monitors through house FOH console only

Playback:

2	Denon DN-C640	Slot-in network Compact Disc player
1	Tascam SS-CDR1	CD / Compact Flash recorder
1	Figure 53 QLab 4	Current version includes: audio, video, and MIDI show-control software

Microphones and DI boxes:

10	Shure SM58	Dynamic – cardioid
3	Shure Beta58A	Dynamic – supercardioid
2	Shure SM81	Condenser – cardioid
12	Shure SM57	Dynamic – cardioid
4	Shure Beta 56	Dynamic – supercardioid (w/A56D drum clamp mount)
1	Shure Beta 52A	Dynamic – modified supercardioid
1	Shure Beta 91A	Boundary Condenser – half cardioid
1	Electro-Voice RE20	Dynamic – cardioid
3	Sennheiser MD 421	Dynamic – cardioid
2	Sennheiser e609	Dynamic – supercardioid
2	CAD Equitek E-100	Condenser – supercardioid
4	Neumann KM184	Condenser – cardioid
4	AKG C1000S	Condenser – cardioid / hypercardioid
2	AKG C 414 B-ULS	Condenser – switchable
1	Earthworks PM40 PianoMic	Condenser – omnidirectional x2
1	DPA SC4098-BX45	Condenser – supercardioid (for lectern)
1	AMG C-ducer CPS/8	Stereo contact condenser
1	Radial ProD2	Passive D.I. box – stereo
2	Radial JDI Stereo	Passive D.I. box – stereo
1	Radial ProAV2	Passive D.I. box – stereo (multi-media)
4	Radial JDI	Passive D.I. box
4	Radial J48	Active D.I. box (phantom powered)

Wireless Microphones:

4	Lectrosonics DSQD	4-channel digital receivers A maximum of 16 of the transmitters listed below can be used at one time, in any combination.
16	Lectrosonics DBu-LEMO	Digital belt-pack transmitters with DPA 6061-OC-UF00 omni lavalier (beige)
2	Lectrosonics SSM	Digital hybrid micro transmitters with choice of: 2 – DPA 6061-OC-UF00 omni lavalier (beige) 2 – DPA 6066-OC-RF00 omni headset (beige)
4	Lectrosonics DHu	Digital hand-held transmitters with choice of: 4 – Shure RPW112 SM58 cardioid cartridge 4 – Neumann KK 105 S supercardioid capsule
2	Lectrosonics ALP690	Active/passive LPDA antennas

Microphone accessories:

8	K&M 210/1	Tripod stand, 2 section with long boom (chrome)
8	K&M 210/9	Tripod stand, 2 section with 2 section boom (black)
10	K&M 252	Tripod stand, 3 section with 2 section boom (black)
10	K&M 259	Tripod stand, 2 section short with 2 section boom (black)
1	K&M 25960	Round base, short with 2 section boom (black)
8	K&M 26000B	Round base elevator stand, 2-section (black)
50+	(various lengths)	XLR3 microphone cables

Microphone Split System (located downstage right):

1	Radial Convertible V12 Splitter System	48 channel 3 way transformer mic split system 1 x hardwired output (FOH) 2 x 50 channel VEAM outputs (1 MON, 1 REC) 48 XLR inputs with ground lifts on VEAM outputs 8 XLR outputs hardwired from FOH 4 x 12 channel VEAM inputs for sub-snakes 1 x Crosspatch module (from sub-snake inputs)
3	Radial StageBug	2 x 50' and 1 x 75' VEAM sub-snakes
1	Radial StageSlug	25' VEAM sub-snake
1	Radial splay	5' – 12 channel VEAM to XLR fan-out splay
1	Radial DogSled	50 channel VEAM to XLR fan-out (Monitor Console)
1	Radial splay	10' – 50 channel VEAM to XLR fan-out
1	Radial cable	10' – 50 channel VEAM to VEAM cable
1	Radial cable	100' – 50 channel VEAM to VEAM cable

Monitor console:

DiGiCo SD9 Stealth Core 2 – 48/96 kHz sampling rate, 24 touch-sensitive motorized faders, 96 input channels, 48 output busses, 12 x 8 matrix, 2 solo busses, 155 dynamic equalizers, 155 DiGiTuBes, 155 multiband compressors, 12 control groups (VCA style), 12 digital effects, 16 x 32 band graphic equalizers, 1 x 15" LCD high resolution touch screen, 2x redundant power supplies, 1x redundant MAD1 interface (latest software)

Monitor Console I/O rack:

1	DiGiCo D2-Rack	48 inputs and 16 outputs
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Monitor speakers, amplifiers, crossovers:

8	EAW SM200iH	Monitor wedge – bi-amped
4	EAW MX200i	Digital crossovers for 8 bi-amped mixes
4	Crest Audio CA6	2 channel amplifier (HI)
4	Crest Audio CA9	2 channel amplifier (LO)
14	(Various lengths)	NL4 Speakon cable

Miscellaneous sound equipment:

2	Neumann KH 120A	Located in house sound mix position (monitor)
7	Motorola HT-750	2-way radios, 4 channel – staff use only
1	Sennheiser SI1015 / RI250	Infrared hearing assistance system, 10 receivers
1	Apple iMac computer	Located at sound position – for system monitoring and cue playback
1	RME Fireface 800	Firewire sound interface (8 in / 8 out) for mac mini
1	Rational Acoustics SmartLive v.7	Acoustical analysis software with SPL and RTA
3	Galaxy Audio PA6S	Powered Hotspot Monitor with 2 inputs
1	Soundcraft Ui12	12-input remote-controlled digital mixer
1	Tascam MD-801R MK II	Mini-Disc player/recorder
1	Tascam 112mkII	Cassette player/recorder
1	HHB BurnIT Plus CDR-830	Compact Disc recorder

Intercom system:

1	Clear-Com HelixNet HM-4X	4-channel main station
1	Clear-Com FreeSpeak II-Base-II	1.9 GHz wireless base station
5	Clear-Com FX II-BP	Wireless beltpack / headset combination
10	Clear-Com HBP-2X	Wired beltpack / headset combination

Stage / lobby video monitor system:

1	17" HD colour monitor	Located in stage manager's rack DSR
2	42" HD LED displays	Located in green room & common area
2	32" HD LED displays	Located in chorus dressing rooms
5	24" HD LED displays	Located in solo dressing rooms & production office
2	70" HD LED displays	Located in upper and lower lobbies
2	37" HD LED displays	Located above each main floor aisle door
1	Gefen Signage Player	Plays signage loop on lobby displays Contact theatre for more information
1	2.5K HD colour camera	Full stage, from main floor booth (to all zones)
1	HD camera	Infra-Red Full stage, from balcony (to backstage only)
1	HD camera	Conductor or house, from pit (to backstage only)

Program sound and lobby / backstage paging system:

Backstage program sound available with discrete level control in each dressing room.
 Backstage paging available from DSR, lighting booth, or Clear-Com wireless headsets.
 FOH paging available to all lobby public spaces from FOH concession area.
 Full building emergency paging available from lighting booth and/or FOH concession area.

Lobby sound system:

2	Bose L1 Model II Single bass speaker system	With 1 ToneMatch Audio Engine For lobby use only
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Projection

Booth location:

Rear of auditorium, balcony level

Projection equipment:

None

Wardrobe

Location:

Shared space in trap room, one floor beneath stage level.
See details under "Dressing Rooms".
Laundry is located in a utility room near dressing room area.

Access:

Stairwells USL and DSR.

Equipment:

1	Reliable G4 1300W steamer
1	Reliable Vivio 500GC 1300W steamer
1	Reliable Velocity 200IR steam iron
2	Consumer ironing boards
1	Janome 6019 sewing machine
1	Maytag Model LAT9606ABE Quiet Plus HD 10-cycle washer
1	Maytag Model MDE9606AZW Quiet Plus HD 6-cycle dryer
5	collapsible rolling costume racks.

Note:

Wardrobe equipment is available only when house wardrobe crew is present.
Work area is equipped with fixed costume/hat racks, shelves, and counter space.
All dressing rooms have fixed costume/hat racks.

Dressing Rooms

Location:

Dressing rooms, green room, trap room, showers and washrooms are one floor below stage. Production office is located mid-way between stage and dressing room levels.

Access:

Stage door is secured with a number lock. Contact TD to arrange access code.
Stairs to dressing rooms are located DSR and USL. There are no elevators.
Dressing rooms are not wheelchair-accessible.
Access from dressing rooms to lobby is via stairs and hallway SL.

Description:

Chorus room 1	8-10 persons
Chorus room 2	8-10 persons
Solo room 1	2-3 persons
Solo room 2	2-3 persons
Solo room 3	2-3 persons
Solo room 4	2-3 persons
Green room	Size – 16' x 14' approx. 2 couches, 2 armchairs, 3 small tables
Trap room (‘Common area’)	Size – 16' x 12' approx. Doubles as wardrobe and make-up area Mirrors, counter space and chairs for 6-8 persons Shelves, 2 fixed costume racks Orchestra pit access is through trap room
Showers	2 – adjacent to trap room
Washrooms	1 M, 1F – near green room
Kitchen	Approx. 6' x 9', located near green room Sink, cupboards, microwave, refrigerator
Production office	Located by hallway to lobby SL Desk, 2 chairs, mirror Phone line, internet line Not suitable for use as a dressing room

Notes:

All dressing rooms have sinks, counters, lighted mirrors, fixed costume racks, armless chairs. Wireless Internet is available throughout the theatre. Contact RMTS Crew Chief for password.

Catering:

Meal service may be set up in the trap room or green room.
Available tables and additional chairs are listed under ‘stage equipment’.
Access for catering companies must be arranged with the theatre in advance.

Visiting Production Information

Directions to theatre:

The McPherson Playhouse is on the northeast corner of Government St. and Pandora Ave. Stage door and loading area are off the northbound lane of 1600-block Government St., and are located on the north side of the building.

From Swartz Bay or Sidney ferry terminals, or from points north on Vancouver Island, follow Hwy. 1 (Douglas St.) or Hwy. 17 (Blanshard St.) south to Pandora, and turn right.

From transportation services on the Inner Harbour, head north on Government St.

Local accommodation, transportation and services: Contact theatre.

Production office: See under "Dressing Rooms"

Catering: See under "Dressing Rooms"

Stage Management:

Prompt desk, video monitors, intercom main stations and paging mic are located DSR. See details under "Sound".

Shows may be called from the control booth at the rear of the main floor, however this position cannot make use of the stage manager's console and the paging system.

Union

All theatre staff are employed by the Royal and McPherson Theatres Society, under a collective agreement with the International Alliance of Theatrical Stage Employees & Moving Picture Technicians, Artists and Allied Crafts (I.A.T.S.E.) Local 168, Vancouver Island.

Theatre management determines all staffing levels.

Miscellaneous

Smoking inside the theatre and within 7 metres (23 feet) of any doorway, window, or air intake on the exterior of the theatre is prohibited under Capital Regional Bylaw No. 3926.

The use of open flame is not permitted.

The use of pyrotechnics is not permitted.

WHMIS Material Safety Data Sheets must be provided for all controlled products. Unlabelled chemicals (liquid, powder or paste) are not permitted in the theatre