



# HER MAJESTY'S

BALLARAT



Image by Annie Sienesi

## TECHNICAL SCHEDULE

As of April 2021

**TECHNICAL OPERATIONS MANAGER – Andrew McDonald**

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## **NOTES TO HIRERS**

### **CAST AND CREW ACCESS**

All cast, crew, contractors, and venue staff must enter and exit via the stage door on Lewis Street, located at the rear of the theatre. All people attending site must sign in and out at the stage door office. Please do not attempt to enter the venue via the Front of House entrances, you will be asked to walk around the back to the stage door.

### **PARKING**

The theatre is unable to provide parking for cast and crew.

### **THEATRICAL SAFETY**

At Her Majesty's Theatre, we strive to achieve your performance outcomes, but safety must come first. All OHS policies and guidelines must be followed. Any staging or performance FX requiring extra safety documentation, professional installation or operation, extra sign off's and/or insurance will be required to have this documentation completed before any installation can begin. **Please contact the Technical Operations Manager to discuss your performance requirements and to clarify any risk and OH&S documentation that will be needed to achieve your performance goals at Her Majesty's Theatre.**

### **TEST AND TAG**

All electrical equipment entering the venue must have a current test and tag sticker and must be visually inspected before use. Her Majesty's Theatre technical staff have the authority to prevent use of equipment without a current tag or if it fails a visual inspection.

### **EQUIPMENT LISTED**

This document outlines the standard technical specifications and equipment for Her Majesty's Theatre. **Please be aware that due to normal wear and tear, not all equipment listed will be available at all times.** Please contact the Technical Operations Manager to confirm the availability of equipment.



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## GENERAL DESCRIPTION AND BRIEF HISTORY

Her Majesty's Theatre, originally opened in 1875, is a proscenium arch style venue consisting of a small foyer with a bar, a raked auditorium consisting of three levels, a raked stage, a full fly tower, and two levels of dressing rooms.

Her Majesty's Theatre is one of the oldest surviving theatres in the country and has operating almost continually since it was first built. Even though the venue has been retro fitted over the years for its many different functions, its current setup is designed to embrace the theatres long standing heritage as well as being able to operate at today's high technical standards for live productions.

... Yes, we have a theatre ghost, ...or two!

## FRONT OF HOUSE

Front of House consists of the main foyer fronting onto Lydiard Street South, the Box Office and Candy Bar, with the Long Room Bar situated above on the second level. There is stair access to all levels, and disabled access to the stalls. There is a small amount of space for merchandise sales. There are no permanent technical facilities in the Front of House area. For use of any of these spaces please contact Her Majesty's Theatre Front of House Co-ordinator.

## AUDITORIUM

The auditorium consists of 3 levels of seating, the Stalls, Dress Circle and Balcony, with an Orchestra Pit situated at the front of the Stalls, and a permanent operating position for sound and lighting situated at the rear of the Stalls.

<b>Seating Capacity</b>	Total..... 890
	Stalls..... 439 (17 Removal Seats, 4 Transferable Seats)
	Dress Circle..... 199
	Balcony..... 252

**Operating Position** Located at the rear of the Stalls, semi isolated from audience, contains enough bench space for both house consoles and a touring setup, patching for DMX, talkback, analogue and digital audio, and basic networking.

**Follow Spot Position** Located at the rear of the Balcony. **Please contact the Technical Operations Manager if you require the use of the follow spots.**

**Projector Position** Located centre of the Dress Circle Lighting Bar. Direct SDI Connection in Prompt corner. **Use of the house projector comes with an on charge, please contact the Technical Operations Manager if you require the use of the projector.**

**Orchestra Pit** Located between the stage edge and stalls seating, is approx. 2m deep from stage, with a usable area of approx. 9.5m x 2.4m. It also has a recessed section under the stage edge. Can comfortably accommodate 15 - 20 musicians and instruments. Access is via Dressing Room 2, via a light lock with blue light. Contains a dedicated lighting system for our 18 sconces, analogue and digital audio patching, A/V and network patching and a set of GPOs for general power.

**Please Note:** **The orchestra pit infill/stage extension is in as standard. Please contact the Technical Operations Manager if you require the use of the orchestra pit.**

**Auditorium Lighting** The auditorium has an independent dimming system, controlled from the SM console in prompt corner, or via a portable control unit at all lighting control positions. There's a programable pre-set for a half setting and up/down speed is controllable. There is no DMX control over the house light system.

**Hearing Loop** The centre of the Dress Circle is fitted with an Induction Style Hearing Loop.

**Noise Levels** Sound pressure levels within the auditorium should not exceed an average of 88dB continuous exposure per 4 hours per day. For sound pressure levels in excess of 88 dB to a maximum peak level of 140dB, hearing protection must be made available to Her Majesty's Theatre's staff and patrons.

## **BACK OF HOUSE**

Back of House consists of three levels. The top level being the stage, workshop, off stage assembly area's and green room. Situated on the two levels below the stage are ten dressing rooms, laundry facilities, toilet and shower facilities and access to administration and Front of House.

**Stage Door Office** Located at the stage door. This is the sign in/out point when visiting the theatre. Fitted with program relay, show feed and internal phone.

**Laundry** Fitted with a washing machine and 2 dryers, an iron and iron boards. Located on the lower level of dressing rooms, near the stage door.

**Dressing Rooms** The theatre currently has 10 dressing rooms. 4 large rooms on the upper level and 6 small rooms on the lower level. Each room is fitted with makeup benches with lit mirrors, hot and cold water, costume racks and program relay speakers.

<b>Room Number</b>	<b>Occupancy Number</b>
1	16
2*	12
3	16
4	18
7	4
VCO*	6
8*	4
9	4
10	6
11	6
12	6
<b>Total</b>	<b>98</b>

**Please Note:** \*Dressing Room 2 also doubles as orchestra pit access and orchestra member's room.

\*Dressing Room 8 has a linoleum floor and is the preferred room for makeup and hair.

\*VCO is currently unavailable for use.

**Anti-Green Room** Located off Prompt side of stage, can be switched to blue light for shows, can be used for quick change areas, assembly point for larger groups, temporary storage for touring cases etc. Contains microphone stand storage, painting/cleaning cupboard, trestle table storage, extra mirrors, dressing room bench with mirror lights. Fitted with program relay and show feed.

Dimensions.....Approx. 3.6 x 9.2m

Usable Area.....Approx. 22m<sup>2</sup>

**Please Note:** Floor loading in this room is low due to its age, it is preferred that heavy objects and road cases remain on stage.

**Green Room** Located at stage level, access via the Anti Green Room, is setup with fridge, beverage vending machine, microwave, constant boiling water and tea/coffee making facilities. Fitted with program relay and show feed.

Dimensions.....Approx. 11.5m x 3.6m

Usable Space.....Approx. 41.5m<sup>2</sup>



**Props Store** Located off Prompt side of stage, access via historic flats door for the Stage and double door opening to Anti Green Room. Contains ladder storage, audio storage, screen storage, patch system and main amp rack. Also has a second level mezzanine floor, used for gel storage and masking storage. Often used as a mic up room.

**Please Note:** Except via request, this room is not available due to equipment storage. If you require use of this room, please contact the Technical Operations Manager.

Dimensions.....Approx. 2.6m x 6.2m

Usable space.....Approx. 10m<sup>2</sup>

**Workshop** Located at the rear of the stage, contains a small selection of hand and power tools and hardware. Use of these facilities is via request and may come with an on charge to replace any consumables or hardware used. Workshop can also be used as locked storage for chemicals, dry ice, basic pyro's and flame effects, theatrical weapons, batteries, and other hazardous items.

## THE STAGE AREA

Her Majesty's Theatre houses a raked stage, viewed by the audience through the proscenium arch. A full fly system and loading dock lift compliment the buildings theatrical infrastructure, making the stage area a very unique and versatile performance space.

**Stage Dimensions**

Proscenium.....	8.46m Wide x 6.15m High
Apron to Setting Line.....	1m
Setting Line to Mid Stage Tabs (Line 14).....	Approx. 5m
Setting Line to Cyc (Line 33).....	Approx. 11.4m
Setting Line to Loading Dock Doors.....	14.5m
Stage Width.....	18.43m
Performance Space.....	8.46m Wide x 11.4m Deep
Rake of Stage.....	Approx. 1:35 (Approx. 2.5° – 3°)
Stage Point Load Limit.....	7Kpa (700kgs per m <sup>2</sup> )
Orchestra Pit Extension.....	9.3m Wide x 2.4m Deep
Pit Extension Point Load.....	4Kpa (400kgs per m <sup>2</sup> )

**Stage Floor** The stage surface is constructed from 6mm tempered Masonite sheets, laid over a 40mm structural plywood floor and painted with industry standard stage paint. The colour is standard matt black. It is preferred that the floor colour is not changed, but a secondary pre painted floor be laid if the show requires a colour other than black. The floor can be screwed into, but only certain hardware is allowed. **Please contact the Technical Operations Manager for more information on preferred hardware options.**

**Loading Dock & Lift** The stage is 6.3m above ground level from the loading dock. A permanently installed, fully enclosed caged lift is available to facilitate loading to stage.

Stage Lift Dimensions.....1.65m Wide x 2.6m Deep x 3.8m High

Stage Lift SWL.....2000kgs

**Please Note:** It is not possible to carry any item exceeding the dimensions or boundaries of the platform. Items that exceed the dimensions of the lift will not be brought into the building until they do fit on the lift.

**Only suitably trained and authorised persons from Her Majesty's Theatre may operate the stage access lift. The stage access lift is strictly freight only. It is also not possible for any persons to ride the lift.**

**Stage Management** Located in Prompt corner, the Stage Managers Console has the master controls for the theatres wired and wireless talkback systems, house light and non-dim controls, paging to all back of house areas, show feed monitor and program relay speaker.

**Talkback** Wired..... Clearcom MS-702 Master station with 12 belt packs  
Wireless..... Altair WBS-200HD with 4 wireless belt packs

Both systems use 4 pin XLR connectors for headset. Building is wired for both A and B loops. The theatre has enough Beyer single and double muff headsets for the listed belt packs.

**Please Note:** It is the theatre's preferred option that touring technicians supply their own headsets.

**Program Relay** All Back of House areas are fitted with a Bosch 100v line distribution system. Call/paging microphone is located on the SM console.

**Video Relay** A colour camera mounted on the dress circle lighting bar distributes to various places, including the SM console, via an RF feed.

**Height Access** Her Majesty's Theatre has a specially built, anti-raked, mast style EWP for focusing and numerous ladders to assist with the installation of productions on stage. In certain areas, we also require the use of a harness while working from heights.

Available Equipment: 1 x Snorkel TV25 Mast Style EWP  
2 x 3m A-Frame Ladders  
2 x Adjustable Multi Level A-Frame Ladders

**Please Note:** Only suitably trained and authorised persons from Her Majesty's Theatre may operate the EWP. Rigging on the Dress Circle requires the use of a harness.

**Pianos** Her Majesty's Theatre has one grand piano on stage that is available for use.  
1 x Bluthner Grand Piano

**Please Note:** Use of all Pianos is subject to a hire and tuning fees. Please refer to Venue Hire Agreement Fee Schedule.

## **STAGE MACHINERY**

**Fire Curtain** Auto and Manual Control in Prompt and OP Corners  
Material..... Fire Resistant Fibre  
Operation Time..... Approx. 30 secs

**Please Note:** Nothing is to be placed beneath or impeding the operation of the fire curtain at any time.

**Water Curtain** Sprinkler system designed to drench the fire curtain and house curtain. The main valve is located in Prompt corner.

**Fly Tower** Grid to Stage..... Approx. 13.1m D/S, 12.2m U/S  
Stage to Fly Floor..... Approx. 7.38m D/S, 6.95m U/S  
Width Between Galleries (P - OP)..... Approx. 13.1m

**Please Note:** There is currently no ability to point load from the grid structure. If your rigging requirements are outside the fly systems specifications, please contact the Technical Operations Manager to discuss options.

**Fly System** Her Majesty's Theatre is fitted with a Double Purchase Counterweight Fly System consisting of 26 fly lines, lifting 11m lengths of 48mm OD steel tube battens with 4 pickups per line. The lines are loaded and operated from the fly gallery, on the OP side of stage.

System Weighting.....	1kg of Bar Weight = 2kgs of Cradle Weight
Fly Cradle Load Limit.....	240kgs (20 x 12kg Weights)
Standard Weights.....	12kgs
Option Weights.....	6kgs
Batten Max Load.....	120kgs
Batten Point Load Limit.....	120kgs (Counter Balancing Required)
Batten Diameter.....	48mm OD Circular Steel Tube Battens
Batten Length.....	11.2m
Batten Travel.....	Approx. 12.3m D/S, 11.3m U/S

**Please Note: Only suitably trained and authorised persons from Her Majesty's Theatre may load and operate the fly system.**

**Lighting Truss** Her Majesty's Theatre is fitted with 6 JANDS Benchmark VS2 winches, lifting 12m lengths of 300mm tri truss with 4 pickups per line. The lines located in the cradle run on OP side of stage and operated from stage level.

LX Truss Type.....	300mm Aluminium Tri Truss, 48mm OD
LX Truss Length.....	12m
Truss/Winch Max Load.....	500kgs
Truss Point/Section Load Limit.....	50kgs (Counter Balancing Required)
Standard LX Truss Height.....	Approx. 6.5m

**Please Note: Only suitably trained and authorised persons from Her Majesty's Theatre may operate the lighting winches.**

**Scene Cloth Line** Her Majesty's Theatre has a painted historic scene cloth located right at the front of the stage on a chain motor driven batten. This is its permanent position, for use of this line please contact the Technical Operations Manager.

**House Curtain** Red with gold fringe, consists of 2x 6m x 7m Tabs. Lives on Fly Line 1 and can be operated from the fly gallery or from the stage floor in OP corner. Curtain fly's out to a maximum of 5.5m, and doubles as Border 1 while out.

**Standard Masking** Her Majesty's Theatre has a full set of standard masking which is made from black, pleated IFR wool. A Black Scrim and White Cyclorama make up the rest of our stage cloths **Please Note: 1 set of Tabs is set on a dead hung track at the rear of the stage and 1 set of Tabs is set to French action at mid stage.**

Masking (WxH)	Stage Cloths (WxH)
6 x Pairs Legs ..... 2.5m x 7m	1 x Black Scrim..... 11.2m x 6.5m
2 x Pairs Legs..... 1.25m x 7m	1 x Cyclorama..... 11.2m x 7.2m
3 x Pairs Borders..... 6m x 3m	1 Pair Legs for Cyc..... 1.5m x 7.2m
3 x Pairs Tabs..... 6m x 7m	
Standard Border Height.....	5.5m
Standard Width Between Legs.....	8.46m

All stage cloths that are not IFR have been coated with fire retardant.

## **LIGHTING**

Her Majesty's Theatre houses a full multi-purpose lighting rig consisting of a mix of LED and conventional fixtures, plenty of 3 phase power distribution, two steams of DMX and a PRG 476 for primary control console. The main operating position is situated at the rear of the stalls in our control booth. Simple wireless control allows for easy riggers remote control by Her Majesty's Theatre operators.

**Lighting Control** PRG 476 Lighting Console

LSC Mantra Lite Lighting Console

2 x LSC MDR DMX Distribution Units

**Dimmers** 7 x Bytecraft APC Series 2.4Kw Dimmer (12 Channel)

1 x Bytecraft APC Series 5Kw Dimmer (6 Channel)

**Power Distribution** 3 x LSC PowerPoint 3 Phase Distro 10A (12 Channel)

1 x LSC PowerPoint 3 Phase Distro 20A (6 Channel)

**Non-Dim Circuits** There are six non-dim circuits terminating at the patch panel on the Fly Floor US/PS. Circuits 1 – 6 are controlled from the SM console. Circuits 1 – 3 can be controlled from the House Light Remote Unit. Maximum load per circuit 10A. Maximum load for all circuits 20A.

**Patch Panel** Her Majesty's Theatre is fitted with 200 fully patchable lighting outlets via a master patch panel located on the Fly Gallery US/PS.

### **Patch Outlets**

<b>Location</b>		<b>Outlet Numbers</b>	<b>Quantity</b>
Dome	OP to PS	1–20	20
Balcony Boom	PS	21–26	6
Balcony Boom	OP	27–32	6
Ashtray (PS)	PS	33–36	4
Dress Circle (Centre Section)	PS to OP	37–46	10
Ashtray (OP)	OP	47–50	4
Dress Circle (PS Section)	PS to C	51–62	12
Dress Circle (OP Section)	C to OP	63–74	12
Follow spot (Balcony Rear Wall)	PS to OP	83–86	4
Fly Floor – PS Patch Box 1	PS DS	87–104	18
Fly Floor – PS Patch Box 2A	PS MSDS	105–116	12
Fly Floor – PS Patch Box 3	PS MSUS	117–128	12
Fly Floor – PS Patch Box 4	PS US	129–138	10
Floor Trap (PS)	PS DS	143–144	2
Floor Trap (PS)	PS MSDS	145–146	2
Floor Trap (PS)	PS MSUS	147–148	2
Floor Trap (PS)	PS US	149–150	2
Floor Trap (OP)	OP DS	151–152	2
Floor Trap (OP)	OP MSDS	153–154	2
Floor Trap (OP)	OP MSUS	155–156	2
Floor Trap (OP)	OP US	157–158	2
Ground Row Floor Traps (US)	PS to OP	159–162	4
Fly Floor – PS Patch Box 2B	PS MSDS	175–182	8
Fly Floor – OP Patch Box	OP DS	183–190	8
Proscenium Wall	PS	172–173, 195–197, 199	6
Proscenium Wall	OP	174, 191–194, 198	6

**Auxiliary Power** 2 x 32A 3 Phase 5 pin type located US/OP WALL

2 x 32A 3 Phase 5 pin type located OP Fly Gallery for additional Dimmers

1 x 32A 3 Phase 5 pin type located PS Fly Gallery for additional Dimmers

1 x 32A 3 Phase 5 pin type located in the Dome for additional Dimmers



**LIGHTING BARS**

<b>FOH</b>	Dome Bar.....	Curved - Sections
	Throw Length from Centre.....	Approx. 19.0 m
	Throw Angle from Centre.....	Approx. 42°
	Length of Bar.....	2.5m + 4m + 2.5m
	Patch Outlets.....	20 x 10 amp
	Dress Circle Bar.....	Curved – Pros. to Pros.
	Throw Length from Centre.....	Approx. 14.7 m
	Throw Angle from Centre.....	Approx. 20°
	Length of Bar.....	Full Curve of Dress Circle
	Patch Outlets.....	24 x 10 amp
<b>Over Stage</b>	LX 1 – 6.....	Electric Winch Driven 300mm Tri Truss
	Standard Height.....	6.5m
	Truss Length.....	12m
	No hard patch, truss is cabled for standard rig or per show requirements to reduce weight on the system.	
<b>Floor LX</b>	Her Majesty’s Theatre has a small selection of hardware to help assist in the installation of floor booms and floor electrics. <b>Please contact the Technical Operations Manager for options.</b>	
	6 x Boom base trolley with anti-rake function	10 x H- Stands

**STANDARD RIG LANTERN SCHEDULE**

Brand	Model	Type	Qty
Robert Juliet	Dalis 860	LED Cyc Unit	7
Robert Juliet	Alex 1117	2000w Follow Spot	2
Chauvet Pro	F-265WW	LED Fresnel	14
Chauvet Pro	F-915FC	LED Fresnel	14
ETC	Source 4 750w 15-30	750w Profile	20
Strand	SL 15-32	600w Profile	25
Chauvet DJ	Slim Par Pro H USB	RGBAWUV Cans	36

**Please Note:** The Source 4 Profiles are not removed from their position in the Dome.

**EXTRA’S BY REQUEST**

Brand	Model	Type	Qty
	Blinders	1300w (2x650w 110v)	2
	Mirror Ball + Motor	30cm	1
Chauvet DJ	Freedom H1	Wireless LED Pinspot	8
Look	Unique 2.1	Hazer	2

**Please Note:** Extra items may come with an on charge. Her Majesty’s Theatre does carry a small stock of old lanterns and accessories. Please contact the Technical Operations Manager for options.

## **AUDIO**

Her Majesty's main system consists of a Cadac CDC 7s Digital Audio Console controlling the input section, two BSS Soundweb Digital Processors controlling the system matrix, Funktion One X-02 controlling the crossover section, and MC<sup>2</sup> amplifiers driving Funktion One FOH cabinets (Left, Right, Centre, Front fill and 3 banks of delay – Stalls, Dress Circle and Balcony). The standard operating position is situated at the rear of the stalls in our control booth.

The patch bay, located off PS of stage, houses the system processing and amp rack, digital I/O racks, and digital and analogue patch lines to the main control point and multiple locations around the stage area and orchestra pit.

**Please Note: Our standard setup is for Live Theatre, not Live Music. If you require a band setup, it will require a pre-rig at the hirers expense.**

<b>Main System</b>	1 x Cadac CDC 7s Digital Audio Console 1 x Cadac 64/48 I/O Rack 1 x Cadac Megacomms Digital Audio Router 2 x BSS BLU 100 Digital System Controllers 3 x Funktion One X-02 Hi/Low/Sub Crossovers
<b>Main Amplifiers</b>	6 x MC <sup>2</sup> T1000 Amplifiers 5 x MC <sup>2</sup> T2000 Amplifier
<b>Main Speakers</b>	6 x Funktion One Resolution 2's (Hi/Low) 2 x Funktion One F-218's (Sub) 1 x Funktion One AX-88 (Centre Above Pros.) 16 x Funktion One F-55's (3 Banks of Delays/1 Bank of Front Fill)
<b>Foldback Amplifiers</b>	3 x MC <sup>2</sup> T2000 Amplifier
<b>Foldback Speakers</b>	8 x Funktion One F-55's (Permanent Flown Stage Fill) 4 x EAW SM200iH Passive Foldback Wedges
<b>Patchable Equipment</b>	1 x Lexicon MX300 Multi FX Unit 1 x Lexicon PCM92 Reverb Unit 2 x Tascam CD200-SB CD Players 1 x Shout Microphone (Sennheiser G3 100 Handheld)
<b>Sennheiser Wireless</b>	Her Majesty's Theatre has 8 wall mounted Sennheiser G3 500 Receivers that are available for most standard hires. Can be setup for 8x handheld microphones, 8x belt packs and capsules or any combination of 8. <b>Please contact the Technical Operations Manager for details.</b>
<b>Included Equipment</b>	8 x G3 SK500 Belt Packs 8 x G3 SKM500 Handhelds + Pop Shields 8 x G3 EW500 Receivers (Perm., Hardwired) 2 x G3 ASA-1 Antenna Splitter + 2 x Paddles (Perm., Hardwired) 8 x Skin Lapel Body Capsule (Senn. Type) 10 x Skin Coloured Belt Pack Pouches
<b>Radio Frequency</b>	Her Majesty's Theatre operates between 518MHz and 558MHz (G3 Band A).

**Extra's**

- 1 x Midas M32R Digital Mixing Console
- 6 x Turbosound NQ-122-AN Active Speakers
- 2 x Turbosound NQ-118B-AN Active Sub
- 4 x K&M Speaker Stands
- 1 x Cadac 32/16 I/O Rack (Portable)

**Please Note:** Extra's may come with an on charge. Please contact the Technical Operations Manager for options.

**Wireless Extra's**

- Portable Wireless Mic Kit (G3 Band A) containing:
  - 4 x G3 EW500 Receivers
  - 1 x G3 ASA-1 Antenna Splitter + 2 x Paddles and stands
  - 4 x G3 SK500 Belt Packs
  - 4 x G3 SKM500 Handhelds + Pop Shields
  - 4 x Black Lapel Body Capsule (Senn. Type)
  - 2 x Instrument Leads for Belt Packs

**Please Note:** The Portable Wireless kit comes as a pack and with an on charge. Please contact the Technical Operations Manager for details.

**MICROPHONE STAND SCHEDULE**

Brand	Model	Type	Qty
K&M	Tall Tripod	Mic Stand	9
K&M	Medium Tripod	Mic Stand	7
K&M	Small Tripod	Mic Stand	1
K&M	Tall Round Base	Mic Stand	8
K&M	Short Round Base	Mic Stand	4
K&M	Long Boom	Mic Stand Arm	9
K&M	Short Boom	Mic Stand Arm	2
K&M	Short Telescopic Boom	Mic Stand Arm	8

**WIRED MICROPHONE/DI SCHEDULE**

Brand	Model	Type	Qty
Sennheiser	e902	Kick Drum/Bass Mic	1
Sennheiser	e904	Drum/Instrument Mic	4
Sennheiser	e906	Guitar/Instrument Mic	2
Sennheiser	e914	Condenser Mic	6
SHURE	Beta 52	Kick Drum/Bass Mic	1
SHURE	Beta 87A	Vocal Mic	2
SHURE	Beta 91	PZM/Plate Mic	4
SHURE	SM 57	Instrument Mic	6
SHURE	SM 58	Vocal Mic	2
AKG	C391 B	Condenser Mic	4
BSS	AR-133	Active DI Box	6
Whirlwind	Stereo DI	Passive Stereo DI	1
Rapco	PC/Phone DI	Passive Stereo DI	1

**Please Note:** Wired microphones and setup may come with an on charge. Please contact the Technical Operations Manager for details.

## MAIN SYSTEM PATCH PANEL

	Patch Numbering			Sends	Returns	Notes
Sound Web Inputs	1	-	16	16		
Sound Web Return Core	12	-	16		5	1-11 are hard wired to FOH Rack
Foldback Amp Inputs	A1 - A2 B1 - B2 C1 - C2					
From Console	251	-	270		20	
To Console	201	-	248	48		
PS Pros. Patch Panel	49	-	68	16	4	
Orchestra Pit Panel	69	-	88	16	4	
OP Pros. Patch Panel	149	-	168	16	4	
PS Fly Gallery Panel	169	-	180	12		
Mid Stage Trap Core	181	-	192	12		
Audio Trap Core	1	-	6	6	6	6 Sends / 6 Returns tails in trap
Radio Receiver Core	1	-	8		8	Return Lines from Receivers
Cadac MC Router Points	MC1	-	MC8	128	56	Megacomms, Placed around Stage

Note: Microphone patch points are standard 3 pin XLR type. Megacomms patch points are specific to Cadac's routing system.

## SPEAKER OUTLETS

Location	Quantity	Numbers
PS Stage Traps	2	5 - 6
OP Stage Traps	2	7 - 8
Prompt Corner	1	9
OP Corner	1	10
Prompt Side Fly Floor	1	11
OP Side Fly Floor	1	12
Orchestra Pit	1	14

Note: Speaker outlets are 2 pole Speakon connectors.

## A/V

Her Majesty's Theatre has a small selection of A/V equipment including a laser projector, multiple lens, some large LED screens, simple vision mixer, signal distribution and a selection of different convertors to cater for the many different standards available. The projector is permanently mounted on the dress circle bar and can be focused to different screen sizes.

## A/V SCHEDULE

Brand	Model	Type	Qty
Panasonic	PT-RZ970BE	10000 Lumen Laser Projector	1
Panasonic	ET DLE250	Lens For PT-RZ970BE	1
Panasonic	ET DLE350	Lens For PT-RZ970BE	1
Projector Screen	Approx. 5m W x 4m H	Flown Screen	1
Soniq	S65UX16A-AU	65" LED Screen	2
BlackMagic	ATEM TV Studio HD	Vision Switch	1
BlackMagic	Smart Videohub 12x12	A/V Distro	1
BlackMagic	Bi-Directional SDI-HDMI Convertor	HDMI to SDI Convertor	8
Decimator	MD-HX Convertor	Signal Scaler	2
BlackMagic	Teranex Mini	Analog -> SDI	1
TV-One	1T-C2-520	DVI to HDSDI Convertor	1
Digitech	AC-1729	HDMI to SDI Convertor	1
Digitech	AC-1727	SDI to HDMI Convertor	1
AJA	HB - T - SDI	HD BaseT Transmitter	1

**Please Note: A/V equipment and setup may come with an on charge. Please contact the Technical Operations Manager for details and options.**