

Technical Specification for Malt House Theatre

Lighting Fixtures

Fixture	Description	Manufacturer	Quantity
Parcan 64	Gobo holders and bar doors	N/A	17
Source 4 750's	19 degree profile	ETC	6
Source 4 750's	15- 30 degree lenses	ETC	12
Source 4 750's	26 degree lenses	ETC	6
Parcan 56 short	Short conventional Parcan	N/A	2
Colour source Lustra's	LED profile with 36 degree lens	ETC	12
Source 4 zoom	25-50 degree	ETC	12
Source 4 Fresnel	Conventional Fresnel with barn doors and Gel holders	ETC	22
Cantata F Fresnel	Conventional Fresnel with barn door, and gel holder	Strand	4
Cantata Pc Fresnel	Conventional Fresnel with barn doors, and gel holder	Strand	4
Source 4 Juniors Zoom	25- 50 degree zoom able profile, with gobo holder, shutters and gel holder	ETC	5
Acclaim Fresnel	Conventional Fresnel with barn door, and gel holder	Strand	6
Source 4 Zoom	25-50 degree lens, with gob holder, and shutters	ETC	2
Quartet F	Conventional Fresnel with barn doors, and gel holder	Strand	2
Quartet Pc	Conventional Fresnel with barn doors, and gel holder	Strand	2

743 Fresnel	Conventional Fresnel with barn doors, and gel holder	Strand	4
Fest dooms	12 bulb strip lighting	N/A	5 sets

Lighting Cables

<u>Cable Type</u>	<u>Length</u>	<u>Quantity</u>
15-amp extension cable	5 metre	40
15-amp extension cable	10 metre	10
15-amp extension cable	15 metre	6
6-way multicore breakout cable, 15A socket connectors	1 metre	18
DMX	1 metre	6
DMX	5 metre	6
DMX	10 metre	6
DMX	15 metre	6
DMX	20 metre	6
Power con	1 metre	12
13 amp -15amp extension	N/A	1
Ethernet – DMX adapters	1 metre	12
Grelcos	N/A	6

Lighting Bars

14 motorised bars, 6 upstage and 8 down stage. Controlled from either stage left or stage right using control tablet.

3 lighting bridges, with 1 lighting bar either side of the bridge.

Lighting accessories

- Barn doors attached to all fixtures, with barn doors available for par cans.
- Various sized Gel frames
- Various sized Gobo holders

Control Desk

ETC Ion lighting control, with detachable fader wing, currently operating 2 universes.

Dimmers

- Colour source dimmer rack
- 250 dimmable channels
- 2 universes

Hazers

- Le Matire MVs hazer x1, can be controlled from lighting console
- Sky Walker fog generator, can be controlled from lighting console

Projection/AV

- Drop down screen centre stage
- Christie d13hd-hs

Sound

Sound control

- Yamaha TF1/ QL1 sound desk 16 channel
- 2 mac minis to run Qlab and other software required
- Yamaha MTX5-D, rack mounted DSP 16 channel I/O Dante, 8 channel I/O analogue.
X1

Microphones

<u>Microphone</u>	<u>Type</u>	<u>Quantity</u>
Shure SM58	Dynamic Vocal instrument	4
Shure SM57	Dynamic instrument microphone	4
Sennheiser/Shure	Radio microphone	
Microphone Stand	Adjustable height fitted with boom arm	4
Microphone Stand	Adjustable height, low level, fitted with boom arm	4
DI box	Phantom powered Direct injection box in rugged ABS casing	6

Sound cables

- XLR cables in various lengths
- Jack to jack in various lengths
- Audio patch cable with BPO connectors x10
- XLR- Jack x 4
- XLR-Jack solid adapter x1

Speakers

<u>Speaker</u>	<u>Size</u>	<u>Quantity</u>
EM acoustics EMS 51	Small portable loudspeaker	6
EM acoustics EMS 61	Large portable loudspeaker	4
EM acoustics EMS 81x	Large portable loudspeaker	6
Subwoofer	Large subwoofer	2

Amps

Lab gruppen, 2 channel amplifier. 2 channel amplifier capable of delivery 800w per channel into 8 ohms