

The Palace Theatre Manchester
Technical Information Pack

The Palace Theatre - Oxford Street – Manchester - M1 6FT

Technical staff

Stage Manager

Christopher McKee

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Head Fly man

Rob Halsall

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Chief Electrician

Andy Roman

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Fax: 0161 245 6656

andy.roman@livenation.co.uk

Deputy Electrician

John Mace

Tel: 0161 245 6600

Fax: 0161 245 6656

Stage Dimensions

Proscenium opening	42'6"	12.950m
Iron line to pillars up stage	56'1"	17.094m
Up stage edge of pillars to back wall	11'1¾"	3.397m
Height of proscenium	34'1½"	10.403m
Height to bottom rail of pelmet	26'1"	7.950m
Height to grid	72'	21.946m
Height to underside of fly floors	28'2"	8.585m
Height to underside of brailing bridges	32'2"	9.804m
Width between brailing bridges	69'½"	21.050m
Width of stage from iron line to bar 40	89'10"	27.400m
Width of stage from bar 40 to pillars	85'11"	26.200m
Dock area, up stage right. Width	20'4"	6.200m
Length	32'9"	10.000m

Orchestra Pit Sizes:

1 - 140 sq m - Possible 100 players

2 - 168 sq m - Possible 120 players (rows AA&BB removed)

Please note that only the first 2m of the smaller pit is in the auditorium and the first 4m of the larger pit is in the auditorium with the rest of the orchestra pit area being under the stage.

The possible number of players will depend on the configuration of the orchestra.

Safety Note:

The downstage edge of the stage has a potential fall hazard. Care must be taken at all times when working in this area. For safety reasons, a warning line has been installed. This must not be removed without the permission of the duty stage manager.

Flying System

68 set, single purchase system, operated from fly floor stage right, 1 up and down bar either side.

Maximum weight on flying bars:

900lbs / 400kgs on alternate bars,
450lbs / 200kgs on each bar,

Average width of flying bars	55'	16.760m
Diameter of flying bars	2 3/8"	60mm
Highest 'out dead' of bars	71'	21.64m (approximately)

Get in doors

Main door

Safety Note:

The get in door has a potential fall hazard. Care must be taken at all times when working in this area. For safety reasons, a warning line has been installed. This must not be removed without the permission of the duty stage manager.

Up stage right on the back wall

Accessible by scissor lift and ramp

Height above stage	6'6"	1.98m
Height	10'	3m
Width	8'1'	2.464m

Secondary door

Prompt side wing up stage

Accessible by scissor lift

Height above stage	6'8"	2.032m
Height	9'9"	2.908m
Width	6'5"	1.905m

The one scissor lift serves both doors.

Width	5'¾"	1.620m
Length	9'10"	3.000m

Please note:

The Palace Theatre has no parking facilities for any size vehicle.

Access restrictions dictate that only one vehicle can unload at any one time.

For all parking information and locations, please contact any of the following:

www.destinationmanchester.com

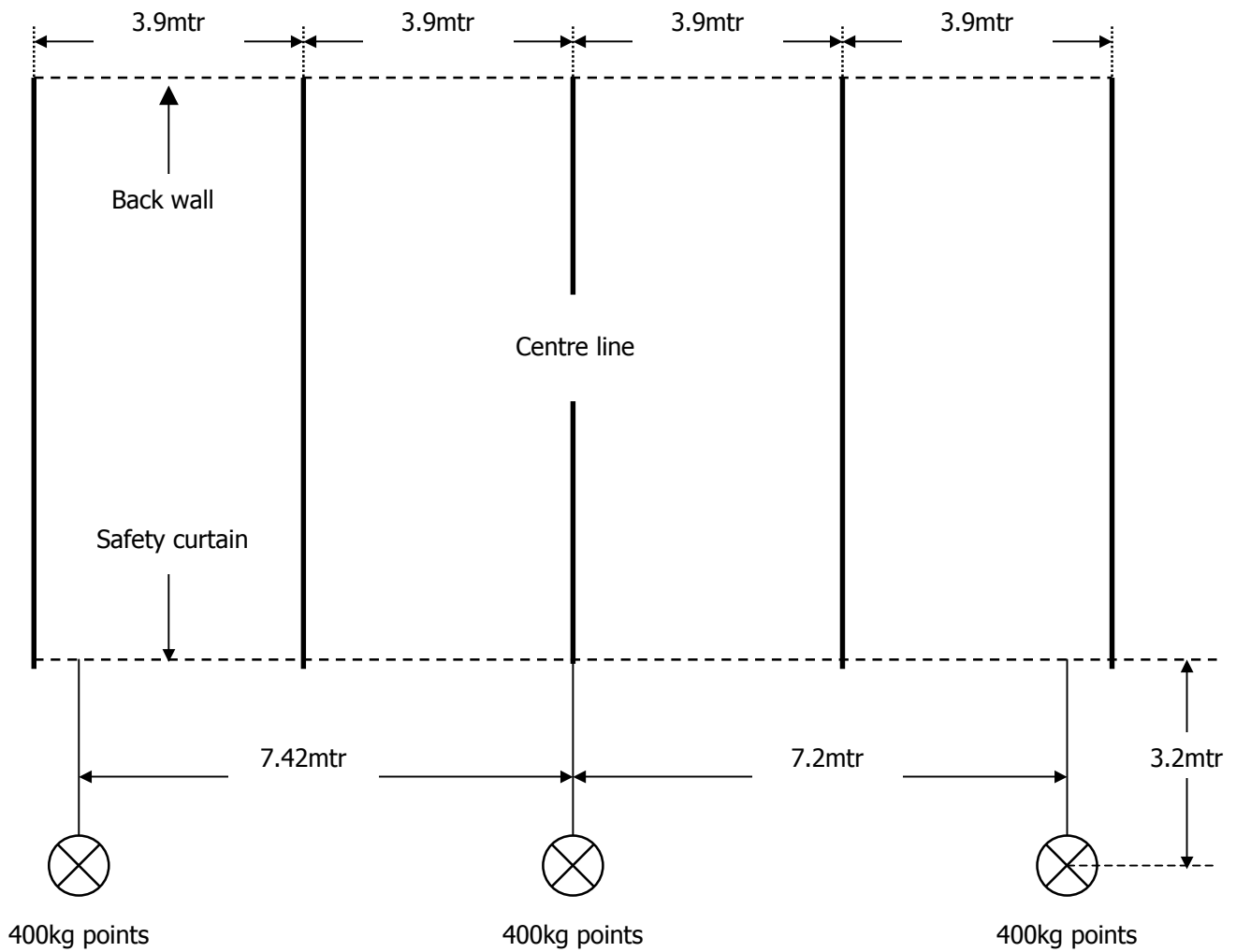
The Parking Shop 0161 832 1246

Manchester Parking 0161 234 4111

A map can be provided upon request

Plan depicting major R.S.Js. two meters above the grid.
The three 400kg-hanging points in the roof space above the auditorium, please contact Palace Theatre
Technical Team if you plan to use chain hoists, as your requirements may necessitate the input of our
structural engineer.

All points F.O.H. must carry secondary safety steels.



Lighting equipment

Lighting control
Strand 520i
350 Channels and 350 attributes

Strand Galaxy 3
(With theatre playback and programmable effects panel).

300 S.T.M. dimmers:
250 x 2k – 50 x 5k.

Protocol D54

Front of house rig

18	750w.	ETC Source 4 zooms 15°/30°
12	750w.	ETC Source 4 10° balcony slips

Follow spots

2 x Robert Juliat cyrano 2500w HMI

In house rig

40 x 1k	Parcans (cp62)
4	Floor cans
4	Starlets

The theatre carries suitable amounts of aluminium tube and hanging irons to rig seven 40'/12.200m lighting bars, including the lighting bridge.

The use of a front of house truss no wider than 48'/14.630m and no shorter than 44'/13.420m is advised.

'Multicore' runs under centre stalls seating and is approximately 100'/30m from stage to rear stalls mixing position.

Sound equipment

Speaker System

6 x d&b CI90 loudspeakers
4 x d&b E3 loudspeakers
2 x d&b QI Sub
2 x d&b MAX 15 loudspeakers (stage monitors)

Amplification

10 x EPAC amplifier
Yamaha P7000S amplifier

FOH equipment

Midas Verona 32 channel desk and 32way multicore with stage box
2 x BSS Opal graphic equaliser
Tascam MD-CD1 minidisk/CD player
Behringer Quad compressor
Behringer Quad gate

In House Power

Safety Note:

The areas of power supply are very hazardous and care must be taken when working nearby. A full time member of the Palace Theatre technical team must operate these power supplies.

1 x 200amp 3 phase, situated in the P.S. wing mid stage.
1 x 200amp 3 phase, situated in the O.P. wing up stage.
Connected by powerloc.

1 x 32amp 3 phase, situated in the P.S. wing mid stage.
1 x 32amp 3 phase, situated in the O.P. wing up stage.
Connected by C Form

1 x 32amp single phase, situated in the P.S. wing mid stage.
Connected by C Form

100 amp 3 phase, situated under stage in the orchestra pit.
63 amp single phase, situated under stage in the orchestra pit.
Connected by C Form.

125 amp 3 phase, situated under stage in the orchestra pit.
3 x 63 amp 3 phase situated under stage in the orchestra pit,
motor power only.
Connected by C Form.

Two channel Tech Pro intercom system, with 7 headsets and packs available.
Q light system with 7 packs available.

Black Tabs, Borders and Legs

Tabs	Width		Depth	
Set of full tabs	56'	17m	34'	10.35m
Half tab	48'	14.6m	24'	7.3m
Borders				
Border	59'	18m	10'	3m
Border	58'	17.7m	12'	3.6m
Border	57'	17.1m	12'	3.6m
Border	54'	16.4m	13'	3.9m
Border	59'	18m	15'	4.5m
Legs				
5 pairs	12'	3.6m	30'	9.1m

DRESSING ROOMS AND OFFICES BACK STAGE

Below stage

Company office or conductors room.

Telephone: 0161 245 6621

Fax

Band rooms.

Maintenance office.

Stage level

Dressing Room A:

Star dressing room with shower and toilet, situated down stage of the O.P. wing.

Chief Electrician and Stage Managers office situated down and off stage of the P.S. wing.

Lift to all floors.

Level 1

Dressing Room Number 1:

Telephone: 0161 245 6622

Fax:

Lift to all floors.

Level 2

Dressing Room Number 2:

Four positions with shower and toilet.

Dressing Room Number 3:

Nineteen positions with showers and toilets.

Total positions: 23.

Canteen.

Lift to all floors.

DRESSING ROOMS AND OFFICES BACK STAGE

Level 3

Dressing Room Number 4:
Four positions.

Dressing Room Number 5:
Nineteen positions.

Total positions: 29.

There are five showers and toilets for these rooms on this level.

Wardrobe:

Approximately 38' x 16' / 11.600m x 4.800m with 2 sinks,
1 industrial washing machine 50p per cycle
1 industrial dryer 20p per cycle

Lift to all floors.

Access to fly floor.

Level 4

Dressing Room Number 7:
Star suite.

Dressing Room Number 8:
Seventeen positions.

Dressing Room Number 9:
Thirteen positions.

Dressing Room Number 10:
Six positions.

Total positions: 40.

There are seven showers and toilets for these rooms on this level.

Wig room:

Approximately 14' x 12' / 4.200m x 3.600m, fitted with double sink and hair washbasins.

Lift to all floors.

DRESSING ROOMS AND OFFICES BACK STAGE

Level 5

Dressing Room Number 11:
Not available.

Dressing Room Number 12:
Seventeen positions.

Dressing Room Number 13:
Seven positions.

Dressing Room Number 14:
Ten positions.

Dressing Room Number 15:
Six positions.

Total positions: 40.

There are 8 showers and toilets for these rooms on this level.

Lift to all floors.

General information

Please note: **THE PALACE THEATRE IS A NO SMOKING VENUE**

All visitors to the venue must use the stage door entrance for entry and exit to the building. All visitors must use the signing in book that is situated at the stage door office. This signing in book is used for fire evacuation purposes and must be used for every entry and exit from the building.

A copy of the fire evacuation policy can be obtained from the stage door office.

For security purpose the stage is locked over night with the stage and electric's personnel only, having access to this area. It would therefore be necessary to advise the stage manager or chief electrician if you have any calls that are not on the information that you send to the theatre.

Our prompt desk can be situated in either the Stage Right or Stage Left wing.

The dressing room block is situated on the Stage Right side of the theatre.

All the dressing rooms have the facilities for outside telephone lines, however we do require 1 day's notice to set these up.

Cold and Hot drinks vending machines can be found in the backstage area of the venue.

Due to stringent local licensing authority requirements, the use of pyrotechnics and other effects must carry a full risk assessment and be sent to the stage manager no less than three weeks prior to the first performance.

Failure to comply with the above may result in permission not being granted for the use of any hazardous effects.

For shows that use pyrotechnic effects, copies of fireproofing certificates will be required upon your arrival.

If you intend to use compressed gasses of any description, please contact a member of the Palace Theatre technical team for delivery and storage instructions.

The backstage area of the PALACE THEATRE has many hazardous areas; please observe signs that carry warnings when entering into these areas.

All accidents and/or near misses must be reported. An appropriate form can be obtained from the duty stage manager or the stage door office.

PLEASE REFER TO THE ATTACHED SAFETY PROCEDURES DOCUMENT FOR VISITING PRODUCTIONS FOR ALL HEALTH AND SAFETY ADVICE AND INSTRUCTIONS.

**Please refer to
Palace Theatre First Aider Personnel
form for first aid location and first aid personnel.**

General information continued

The Palace Theatre has no provision for the storage of toured equipment either prior to or following a visiting company's hire period.

At the end of the hire period all equipment that has been 'brought in' for use by the visiting company must be removed from the premises. This must be either by way of normal get out procedure or by arranging collection at that time with the relevant hire company. Under no circumstances must equipment be left at the venue to be collected at a later date. Equally, equipment will not be accepted that is being delivered to the theatre prior to your arrival unless specific and detailed discussions have been had with a member of management or the duty stage manager and permission has been sought.

The hirer will cover staffing costs where resident staff are required to assist with any pre-delivery or post-collection.

Please feel free to discuss further any relevant collection or delivery details with a member of the stage management team – contact details can be found at the top of this document.

Local Facilities

Theatre doctor:

Dr. Rosenberg 0161 798 9818

Dr. Sherman 0850 339 001

Physiotherapist:

City Physio

GL14 Health Club

Canada House

5 Chepstow St

Manchester

M1 5FW

0161 236 1414

email:nick@city-physio.com

Health Centre:

Brunswick Health Centre

Hartfield Close

Brunswick Street

Manchester

M13 9YA

0161-273 4901

Piano Hire and tuning:

Swans Piano Hire

01565 873 044

Forsyth

126 Deansgate

Manchester

M3 2GR

0161 834 3281

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