

TECHNICAL SPECIFICATIONS

The Bridgewater Hall, Manchester

General Information

Capacity (Maximum)

Fixed seating auditorium: 2341 on four levels, including 16 wheelchair spaces

Artist's Rooms/Orchestra Rooms/Production Office

4 x en-suite dressing/locker rooms for 25-30 people (on stage level)

5 x small en-suite dressing rooms (on level 2)

Wheelchair Access to stage, Artist room and Orchestra rooms

Wireless broadband access – available in some of the rooms above

Production office (on stage level), With Telephone and both Wireless wired broadband access

Catering

Artists' Bar operates on a cash basis only. It is open on a performance night and serves tea, coffee, soft drinks & snacks. Hot meals may be available by prior arrangement.

Charles Hallé Restaurant open for pre-dining – bookings through Box Office

Stalls Café Bar open for concert and for pre-concert dining – bookings through Box Office

Bars on all 4 Front of House levels

Merchandising

Merchandise space available next to the Gift Shop, and Information Desk, by prior arrangement contact Venue Scheduling Team

Parking & Transportation

Limited parking is available on site for production vehicles

2 public car parks available within close proximity: NCP Manchester Central & NCP Great Northern

Railway station, Metrolink access, bus/coach stations provide excellent transport links to and from the venue

Manchester International Airport with frequent train links to the city centre

Easy access to motorway network

Loading Bay

Loading bay access for production vehicles – trucks & vans at stage level

Access

The Bridgewater Hall is a fully accessible building

Other

Cloakroom – a cloakroom service is available for the patrons/public/conference delegates

Public lifts available to all floors

Artists' lift with access to all levels

Goods lift in the back of house area

Corporate Hospitality

Hospitality packages available for a variety of concerts. Please visit:

www.bridgewater-hall.co.uk/corporatehospitality

or contact the commercial team for up to date information.

Conferences, Events & Exhibitions Areas

Auditorium	1850
Barbirolli	180
Charles Hallé	40
Circle Foyer	350

For details of spaces, floor plans and catering options please visit:

www.bridgewater-hall.co.uk/corporate

Medical

Fully trained first aid staff covering both the front of house and back of house, with specifically designated areas

Box Office

Advance booking office with dedicated box office manager. Fully integrated sales system: 5 x over the counter sales windows, telephone and online booking system with 'select your own seat' option. Group sales department.

Security

CCTV in house – 24 hour substantial coverage of both front of house, back of house and surrounding areas

Event stewarding – in-house

CONTACT INFORMATION

Vicky Turner, Venue Scheduling Officer vicky.turner@bridgewater-hall.co.uk

Jonathan Rowland, Technical Manager jonathan.rowland@bridgewater-hall.co.uk

Ashley Howells, Senior Sound Technician ashley.howells@bridgewater-hall.co.uk

Tel: 0161 950 0000

TECHNICAL INFORMATION

PLANS

Seating plans are available for the auditorium from the Programming Department.

CAD and PDF plans are available for the stage, auditorium and rigging from the Technical Department.

THE STAGE (PLATFORM)

The stage is an open concert platform 19m wide at front, tapering to 12.3m at rear.

The platform is 12.8m deep at the centre line with built-in stage lifts - the first of these at 5.5m from the front of stage. The platform is 1m high from the Stalls floor.

Rigging

57 x 2-tonne points above stage and/or in roof with equipment available for hire

Auditorium Ceiling Height 20m clearance above stage and 25m for PA points

MIXING DESK

Large Desk: 5.8m wide x 2.8m deep (Centre Stalls)

Small Desk: 4.1m wide x 2.1m deep (Off Centre back of Stalls)

You must indicate prior to your event going on sale whether the performance requires a small or large mixing desk as this will affect the seats available for sale.

Sound System Specification

Speaker System Meyer system comprising:

Main Array

Single curvilinear array (centre hang)

Front Array: 2 x M2D Sub
7 x M2D

Choir Seats/Sides

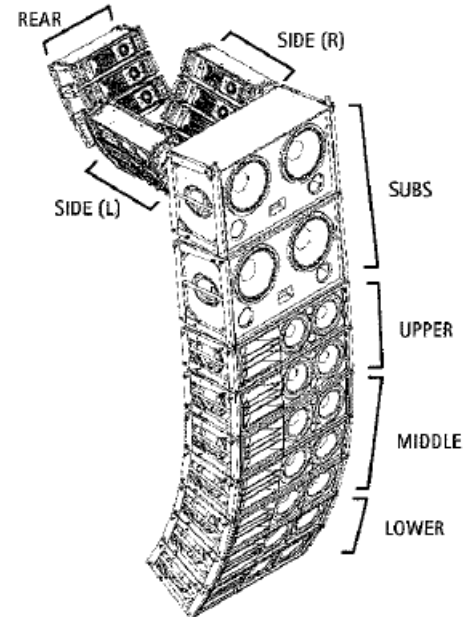
Left Array: 4 x M1D
Right Array: 4 x M1D
Rear Array: 3 x M1D

Plus

Gallery Delays: 4 x UPJ-2P
Gallery Sides Delays: 4 x UPM
Circle Sides Delays: 4 x UPM
Front Fills: 5 x UPM-1P

Ground Level Full Range Coverage

2 x Meyer CQ-1 (one each side)
2 x Meyer USW-1P Compact Subwoofer
(one each side)



System Control Meyer Galileo 616

Mixing Desks Digico SD10
Digico D2 Rack 48 mic in, 16 Line out, BNC
Digico D2 Rack 8 Channel line out card
Waves Live SoundGrid

Monitors 8 x EM Acoustics M-C12 Coaxial Stage Monitor
2 x EM Acoustics AQ-3 Four Chanel Power Amplifier

Playback / Recording Equipment (Racked)

1 x Tascam CD-01U CD Player
1 x Tascam DV 1000-HD Recorder (Available on Request)
1 x Sony Minidisc Recorder (Available on Request)

Microphones

10 x DPA 4099 CORE Classic Touring Kit
10 x Ovid System CC100 Clip Condenser
(We have a selection of instrument clips for the above)

5 x AKG SE 300 CK93 Cardoid Condensers
4 x AKG CK98 Condenser Rifle Heads
6 x Rode NT5
2 x Rode NT2 A
5 x Shure SM58 Dynamic Cardioid
4 x Shure SM57 Dynamic Cardioid
1 x Beyer M88 Dynamic
1 x Beyer M201 Cardioid
3 x AKG 3700 Dynamic Super Cardioid
5 x Lecturn Mics Condenser (goose neck)
2 x Sony ECM 55B Electret Condenser
1 x Sennheiser 421

AKG Drum Kit Mic Kit

1 x D112
2 x C1000 S
4 x C418

Radio Mics

5 x Shure UR4D PLUS Dual Channel Receiver, CH38
6 x Shure UR1 Bodypack, CH38
6 x Shure Lapel Microphone, Supercardioid 184
4 x Shure UR2 Handheld Beta 87A, CH38
1 x Shure SM58 Capsule for above
4 x Head Mounted Microphone

Direct Injection

1 x BSS AR133 Active DI
4 x DBX Active DI
2 x Behringer Active DI
4 x EMO Passive DI

In addition, The Bridgewater Hall has a number of stage boxes, splitters, tails and socopex, cables, stands, Altair intercom system, etc.

Sound Power

63 amp three phase stage left

100 amp & 63 amp single phase stage right

Lighting Specification

Lighting Desk

Chamsys MQ80 (FOH)
Chamsys PC Wing (Side Stage)

Dimmers

ADB Eurorack 216 channels 2.5kw
24 channels 5kw

DMX

Comprehensive DMX patch.
2 x DMX Buffers

Luminere Stock

Permanent Rig of: 56 x Par 64 cans CP61 giving open white wash over the platform – For Orchestra lighting this cannot be altered, coloured or refocused.

28 x Profiles LED 14deg + 2Kw 8/16 deg
56 x Par 64 cans CP61 giving four colour wash
(See Permanent Rig plan)

Additional Stock:

8 x 6 way Parcan bars CP 60/61/62
8 x Par 64 floor can CP 60/61/62
4 x Strand SL 15/32
6 x Strand Coda 4 cell 500w cyc lights

Followspots

2 x Robert Juliat Ivanhoe 2500W

Rigging Equipment

6 x Lodestar 1 tonne hoists above stage
2 x Lodestar 1 tonne hoists above stalls seats
3 x 40ft Truss TFL A-type truss

Power for lighting

400 amp Powerlocks only, 125amp & 63amp three phase stage left
Independent: Various 15a & 13a non-dim circuits

General Power

Outside Broadcast Power 63 AMP Three Phase
 63 AMP Single Phase (x4)
 32 AMP Single Phase (x2)
 16 AMP Single Phase (x2)

We have lots of power sockets all around the building which is on a more detailed sheet available on request from Technical Manager.

