

THE COSMO RODEWALD CONCERT HALL

TECHNICAL SPECIFICATIONS

Location

The Cosmo Rodewald Concert Hall (CRCH) is located in the Martin Harris Centre for Music and Drama (MHC). The MHC is located on the south campus of the University of Manchester, approximately 1 mile south of Manchester city centre.

The Martin Harris Centre for Music and Drama
Bridgeford Street
The University of Manchester
Oxford Road
Manchester
M13 9PL

Get In

The concert hall can be accessed via the main fire escape for loading in. This allows level access from street level directly onto the stage. Please contact us if you require use of this door.

Dimensions and Capacity

The CRCH is a 354 all seat concert hall. 319 seats are at ground level on a shallow rake of 1:12. The front two rows can be removed in sections of three seats, up to a maximum of 54. This is to allow for wheelchair users and occasionally to extend the size of the stage. 35 seats are on the balcony at the back of the hall.

At present (Jan 2012) 3 seats have been removed at the rear of the auditorium to allow for a mix position for events involving live audio. These seats are row M, seats 6,7 and 8 (see plan attached). The current capacity is therefore limited to 351 with 316 on ground level. The concert hall is 7.9m wide. The stage is 7.9m deep and is at floor level. There are two permanently raised sections of the stage. These can be extended if required.

The height from grid to floor is 8.1m.

The back wall above the balcony is fitted with heavy surge drapes for acoustic dampening.

Technical Equipment

All technical equipment is controlled from the control room on the first floor at balcony level. Data, audio and power signals can be sent to and from the control room via 4 facility panels on the ground floor in the hall. Each panel contains;

4 x 15a sockets

1 x 5 pin DMX (patched from 2nd universe on desk)

2 x 13A Sockets
 6 x XLR Female Audio sockets
 2 x XLR – intercom A+B
 1 x Speakon

Please note; there is no feed for projection via the facility panels. Any projection must be controlled from ground level.

Lighting

A permanent open white concert lighting system is rigged in the hall. There are profiles rigged for conductors. Any changes or special lighting requests must be requested and agreed in advance.

As well as the concert rig the hall also has separate working lights, house lights and fibre optic ceiling baffles.

Equipment:

Control: 2 x Strand 300 series desk with Genius Pro software.
 NB 1 console is standby backup.

Dimming: 3 x Strand LD90

Lanterns: (All c/w with hook clamps and safety bond unless otherwise stated)

25x 1kW Strand Cantata PC Lanterns	(Open White Wash)
6 x 1Kw Strand Cantata F Fresnels	(Open White Wash)
4 x 1kW Compact Fresnel	(Open White Wash)
4 x 1kW Par64 Lanterns w/CP62 lamp	(Colours on back wall)
2 x 650W Strand SL Profiles	(Gobo Projection)
10 x 1kW Selecon Pacific Profiles	(2 for Gobo Projection)

Extra lighting equipment is available by prior request.

Shared lantern stock –please check availability with tech team.

8 x Short Nose Par 64 Floor Cans (various lamps, 1 chrome)
 6 x Selecon Pacific 1kW Zoom Profiles
 4 x Strand SL 15/32 600W Profiles
 2 x CCT Freedom 15/32 Profiles
 3 x CCT Starlette Fresnels 1kW
 2 x CCT Fresnel 1kW
 2 x Strand Cantata PC 1kW
 2 x Selecon Compact 6 1kW Fresnels
 3 x Par 64 (various lamps)
 8 x Showtec LED Pars c/w Floor Stands

1 x 500mm Mirrorball c/w Motor

Audio

The sound system in the concert hall is a dual function recording/sound reinforcement system. The sound reinforcement system is suitable for speech and small-scale music applications. For larger music applications a more suitable PA system is available. Please see the separate inventory for more information regarding this.

Equipment:

2 x DPA 4053 (Omni)*

2 x DPA 4023 (Cardi)*

*Retractable for recording concerts

1 x Mackie 1642 VLZ-Pro Desk

1 x Tascam 130 Cassette Deck

1 x MD 350 Minidisk player

1 x CD-RW 700 CD Rewriter

1 x Drawmer DL441 Quad Compressor

2 x Genelec 1019A Studio Monitor Speakers

4 x Mackie 300W Full range speaker cabinets – rigged in grid for sound reinforcement

2 x RCA DCA 1050 Amplifiers

1 x 20Inch iMac G5 with 2GB RAM with Boom Recorder software installed for recording performances.

Microphones, DI boxes, mic stands etc are available by request. Please see separate inventory for more information regarding audio equipment stock.

Audio signals can be patched to and from the control room by means of the tie lines in the facility panels.

Communication

Canford Audio Techpro 2 Channel Master Station MJ721 + Headsets and beltpacks

Paging microphones are located in the control room. These can page backstage or the foyer.

The hall is equipped with a sennheiser IR hearing aid system.

Power

There are two 63A 3-phase electrical outlets located backstage, one to the immediate rear of upstage centre and one to stage left.

Access Equipment

The MHC has shared access equipment for the two venues. Please contact us to ensure availability.

1 x 50524 Standard Tallescope

1 x Genie AWP-25S Elevated Platform System

2 x Industrial stepladders

Please note; access equipment may only be used by qualified, competent personnel. Please contact the technical team for more information regarding this.

Backstage Accommodation

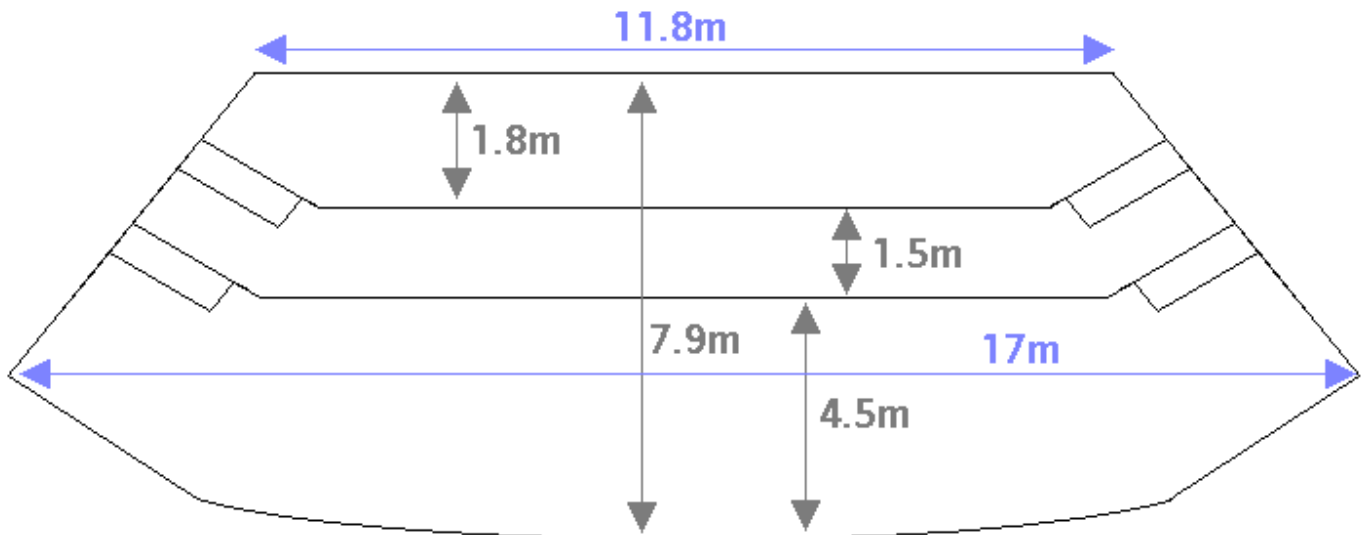
The centre has several small rooms that can be used for performers and soloists to use as green rooms and warm-up rooms. Our main green room for the concert hall has a piano and mirrors. There are two changing rooms (male & female) behind the concert hall. All of these rooms have paging speakers.

WiFi

The CRCH has good WiFi coverage. The system requires a University login to gain access. Please notify us in advance if you are likely to require use of this.

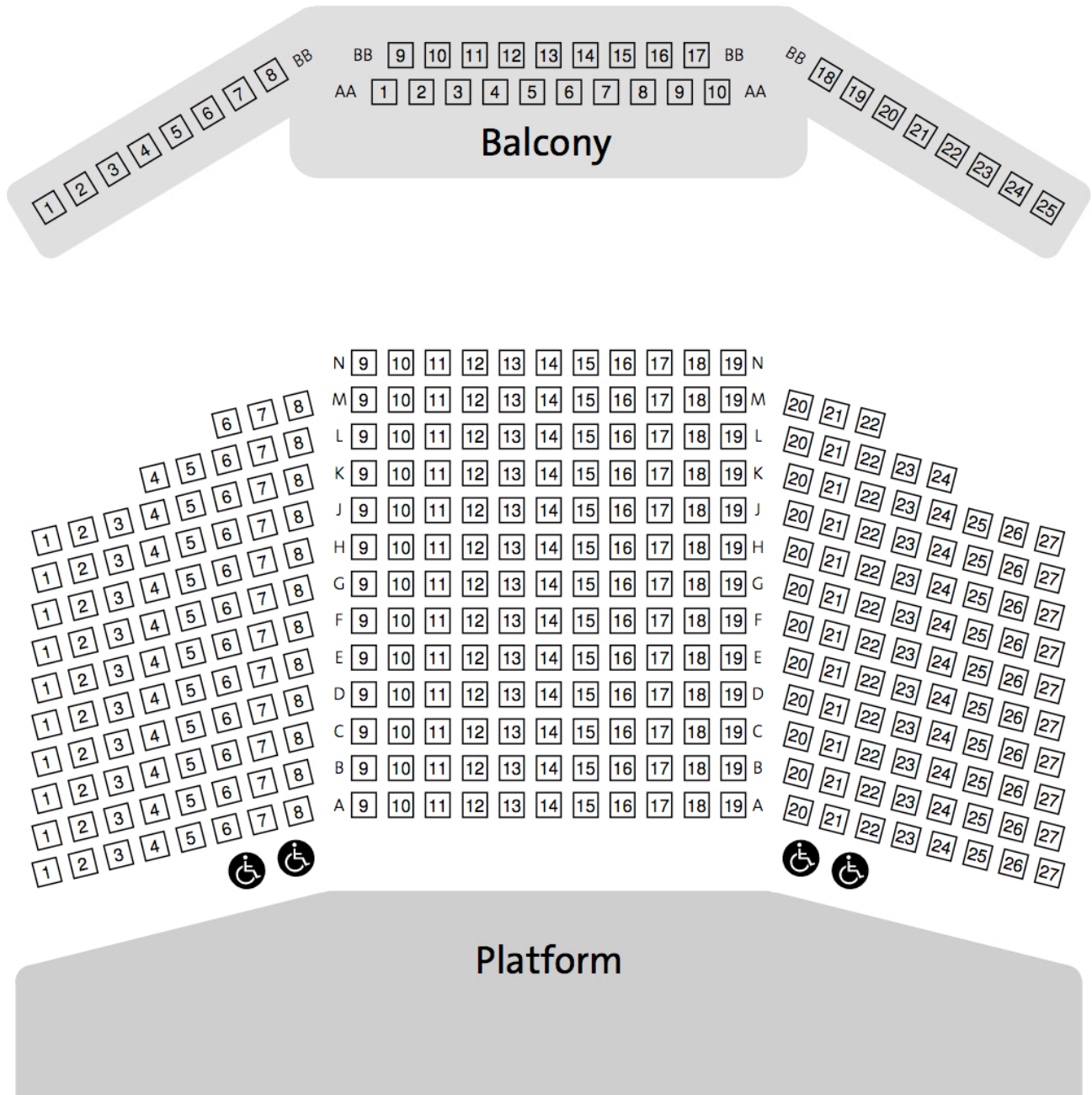
Stage Dimensions


Stage Dimensions. Please note; measurements are in metres. This drawing is not to scale.



Martin Harris Centre for Music and Drama

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 Wheelchair Spaces