

THE COSMO RODEWALD CONCERT HALL

TECHNICAL SPECIFICATIONS

Location

The Cosmo Rodewald Concert Hall is located in the Martin Harris Centre for Music and Drama (MHC). The MHC is situated behind the Manchester Museum, which is located on Oxford Road. It is approximately 1 mile south of Manchester city centre.

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

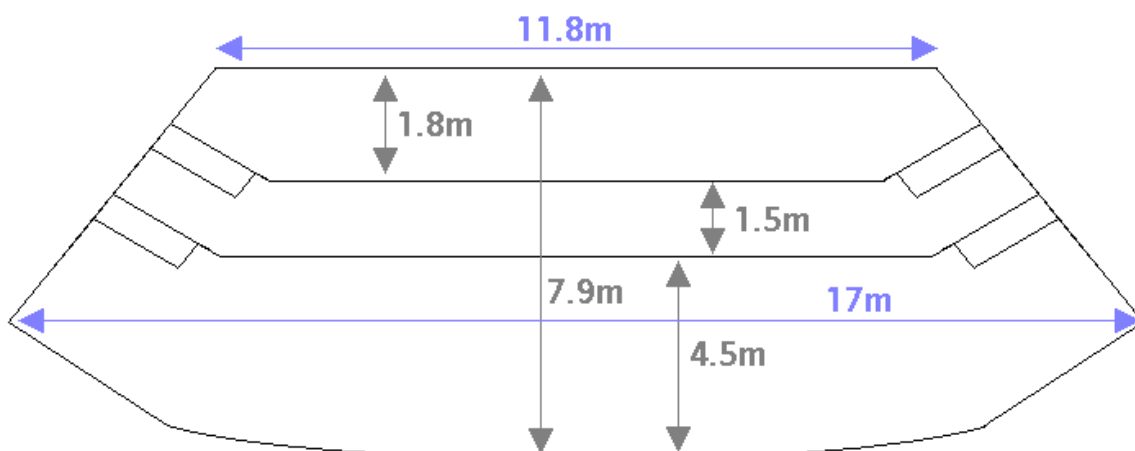
Get In

The concert hall can be accessed via the main fire escape. This allows level access from street level directly onto the stage. The access dimensions are 1610mm x 2010mm.

Dimensions & Capacity

The Cosmo Rodewald is a 354 all seat concert hall. 319 seats are at ground level on a slight rake. 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.

Stage dimensions below (not to scale):



Lighting

A permanent, full colour mixing, LED 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 LED, GDS working lights, house lights and fibre optic ceiling panel lights.

Equipment:

Control: ETC Ion, 2 x 20 fader wing and 2 x touch screens

Dimming: 3 x ETC ColorSource dimmer racks

Lanterns: 42 x ETC Source 4 Lustr 2 array (Fresnel), 6 x ETC Source 4 Lustr 2 array (Profile), 4 x ETC ColorSource Pars

The above lanterns are rigged and focussed for a full general wash, a conductor special and ambient wall washes. Rig plan available on request.

Supplementary lighting is available on request including 12 x wireless LED uplighters.

Audio

The sound system in the concert hall is dual function recording/sound reinforcement system including Bluetooth and HDMI audio playback from the projection system.

Equipment:

2 x DPA 4053 (Omni)*

2 x DPA 4023 (Cardi)* *Rigged for recording concerts

1 x DiGiCo SD9 Digital Mixing Console (control room)

1 x DiGiCo SD21 Digital Mixing Console (auditorium – sound position)

2 x Genelec 8010 Studio Monitor Speakers (control room monitoring)

2 x EM Acoustics Halo-C Line Arrays (8 boxes per side)

2 x EM Acoustics R8's

2 x EM Acoustics S-15 Subs

1 x Apple iMac with software for recording concerts

Supplementary PA systems, monitors, microphones, DI boxes etc are available by prior request.

Video

A permanently installed projection system fed from HDMI input panels on stage right, auditorium rear (tech position) and 1st floor tech box. This system is operated and controlled via touch screen panels in all three locations. The full HD projector is focused and front projected onto an automatic screen which is located against the back wall of the auditorium.

Equipment:

- 1 x Panasonic - PT-RCQ10 Projector
- 1 x 700cm x 394cm electric projection screen
- 3 x HDMI input panels

Communication

A wireless comms system, comprising 8 wireless belt-packs and headsets and a base station are available via prior request (subject to availability).

Facility Panels

All technical equipment is controlled from the control room on the first floor. Data, audio and power signals can be sent to and from the control room via 4 facility panels on the ground floor in the concert 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

Backstage Accommodation

We have 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.

WiFi

The Cosmo has good WiFi coverage. The system requires a university IT account to gain access. Please notify us in advance if you are likely to require use of this.