

THE ROYAL HALL - TECHNICAL EQUIPMENT LIST

The original 1930s Royal Hall has undergone a major refurbishment and all equipment within the stage and auditorium has been renewed.

- The restored flat floored stalls and the tiered balcony provides a flexible auditorium for trade shows, conferencing and a wide variety of stage presentations with a standing capacity up to 3500.
- The rear stage is 11m W x 5m to the centre of the curved back wall. The main stage is nominally 15m wide x 5m deep (to the curtain line in front of the rear stage).
- The rear stage has five manual-winch operated lighting/scenery bars.
- The main stage has 3 x 16-metre full stage width motorised truss sections for lighting and one full stage width motorised truss for main front sound.
- The auditorium has 3 x 10-metre motorised truss sections for lighting.
- A combined lighting and sound control platform has been added above the balcony on the centreline of the building. Follow spot positions are provided, one to each end of the control platform.
- 3 dressing rooms have been provided.

Sound and Communications Equipment

Backstage paging and show relay system, bar bells, CCTV monitoring system, stage manager's control station and Tecpro technician's ring intercom system.

Sennheiser two-channel infra red hearing assist system with 16 stethoscope receivers

Tascam CD-160 CD player

Tascam MD 350 minidisc recorder

Patchfields

BSS Audio Opal Series FCS-966 2-channel graphic EQ

3 L'acoustics LAB four channel amplifier with built-in DSP-LCR

4 L'acoustics LA4 four-channel amplifier with built-in DSP – subs and delays

3 QSC PL224 stereo power amplifier (foldback)

Allen & Heath GL2800-32 8 buss 32-input channel live console

12 L'acoustics ARCS for central, left and right loudspeakers

9 L'acoustics ARCOUPLx2 for central, left and right loudspeakers

3 L'acoustics Bump 3 for central, left and right loudspeakers

8 L'Acoustics SB 118 for side bass loudspeakers

8 L'acoustics 8XT Balcony fills

Loose equipment to include 4 Logic Systems LM12 loudspeakers and 2 AKG C568 EB shotgun microphones.

CAT5e wiring system including a 16-way data patch panel

Stage Lighting System

206 x 3kW and 14 x 5kW dimmers
Congo 1000 stage lighting control desk
DMX data 10-way
26 x 10 amp non-dims
Stage lighting Internally Wired bars

Stage luminaires including: 12 ETC Source 4 15/32 degree profiles, 30 ETC Source 4 25/50 degree profile, 24 ADB F101 1.2kW fresnels, 2 Selecon Rua followspot extension cables, stands and other accessories.

Drapes

Rear stage house curtain
Black travellers