

CONWAY HALL

Technical Specifications – Main Hall

PA SYSTEM

The Main Hall features an 8 speaker PA system. 4 speakers operate at ground level and 4 operate at balcony level. The PA system has been phase aligned and optimised using acoustic analysis software to ensure that the audio is clear and even across the hall.

PA System equipment list:

- 4x Noise Control Audio – Aysm2s2 full range speakers
- 4x Noise Control Audio – CX8 full range speakers
- 8x Power-drive tilt speaker brackets
- 1x Noise Control Audio – FF408 loudspeaker management system
- 2x Noise Control Audio – FFA 4004 amplifier (1000W @ 2 ohms)

AUDIO CONTROL

Option 1: On stage audio control

- 1x Soundcraft EMP12 audio mixer (12x mono + 2x stereo channels, 2x aux)
- 1x 31 bands LA EQ graphic EQ
- 1x Tascam professional CD player

Option 2: FOH audio control at the back of the room

- 1x Roland M300 digital mixing desk
- 2x Tascam solid-state recorders (main and back up, records to USB, CF and SD flash cards)
- 1x Tascam professional CD player

Audio playback

Show Cue system software – installed on a Conway Hall laptop



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MICROPHONES

Radio microphones installed in FOH rack

- 2x Sennhiser EW152 G3 headset radio microphone system (licenced frequency)
- 2x Countryman E6 headset microphone (option for above system)
- 2x Sennhiser EW100 G3 handheld radio microphone system (licenced frequencies)
- 1x Sennhiser Active antenna system with passive paddle antenna

Other radio microphones

- 1x Sennhiser EW152 G3 headset radio microphone system (licenced frequency)*
- 1x Countryman E6 headset microphone (option for above system)*
- 2x Sennhiser EW100 G3 handheld radio microphone system (licenced frequencies)
- 2x Sennhiser EW100 G3 handheld radio microphone system (channel 69)

Lectern and table microphones

- 1x Audio technica ES915 19" lectern microphone + clip
- 4x Audio technica ES916 6" table microphone + K&M table stand
- 2x Beyerdynamic ES615 8" table microphone + table stands

Dynamic microphones

- 2x Shure PG58 dynamic microphone
- 4x Tall boom microphone stand

DI boxes

- 1x Radial AV2 stereo passive DI box

INDUCTION LOOP

- 1x Induction loop master station

MULTICORE, TIE LINES AND STAGE BOXES

- 1x Roland S-1608 digital stage box
- 1x RSS digital multicore system with back up lines
- 1x 4 way analogy multicore
- 1x DMX line

* Item subject to availability.

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PROJECTION

Main projector

- 1x Panasonic PT-EZ580EJ - 6000 Lumen WUXGA – full HD projector

Back up projector (in case of main projector failure)

- 1x Panasonic PT-EW600 - 6000 Lumen XGA resolution

Lens

- 2x Long throw projection lens - Panasonic ELT20 2.8 - 4:6:1 ratio

Screen

- 1x 3.2m x 2.55m 4:3 projection screen - motorised and mounted on the back wall

VIDEO SWITCHING

- 2x Kramer VP100 video switcher, controlled from the stage and FOH (4x VGA inputs and 2x HDMI inputs, fade through black)

VIDEO STAGE INPUTS AND CABLING

All AV inputs are sent via HDMI/DVI-D over CAT5 to the switchers and projector. VGA inputs on stage left and stage right, and HDMI inputs on stage left.

LAPTOPS

- 3x PC laptops with HDMI and VGA outputs

VIDEO RECORDING

- 4x Sony EVI-H100 PTZ cameras
- 1x Camera controller
- 1x USB3 DVI capture card
- 1x Black magic quad link capture card
- 1x Core i7 iMac running Wirecast 5 software
- 1x 4TB Thunderbolt hard drive

LIGHTING

Fixtures

- 12x PAR64 wash lights – CP88 500W medium flood lamps (2 per side at the back of the hall, 4 per side in front of the stage)
- 2x Source 4 profile 50 degree – 575W spotlight (1 per side at the side of stage)
- 2x Source 4 profile 26 degree – 575W spotlight (1 per side at the rear of the stage)

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- 4x Source 4 profile 36 degree - 575W (2 per side at the side of the stage)
- 4x RGBW high powered LED Par - 3 DMX channels, RGB (2 per side front of the stage)

Dimmers

- 2x Zero88 6 channel dimmer (fed from a 1P32amp supply per dimmer)

Lighting control (stage)

- 1x Showtec Showmaster 24 channel DMX lighting desk

Lighting control (wireless)

- 1x Zero 88 Juggler 24 channel DMX lighting desk
- 1x Wireless DMX transmitter and receiver
- 1x DMX merge unit

The lighting control can be moved anywhere in the venue with prior arrangement. This gives hirers the flexibility of controlling lighting from the balcony, stage, or the back of the room.

STAGING

The stage has a usable area of 34ft x 16ft. On stage risers are available with prior arrangement.

CONTROL HIDES FOR FOH

The following oak veneer hides are available to mask the FOH control area:

- 1x 4ft x 4ft returns
- 1x 4ft x 4ft
- 1x 4ft x 5ft

CONTACT

For further information please contact Adam Savant on 07832 126049 or email adam@pfevents.com.

