



Elliott Hall

Technical Specifications

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The Grade II listed impressive Elliott Hall seats up to 404 people. It is an excellent venue for concerts, dance performances and theatre as well as for conferences, weddings, exhibitions, dinner dances and other functions.

The maximum capacity is dependant on the event so please discuss this aspect of your booking with our team.

PLEASE NOTE The Elliott Hall is not a traditional proscenium stage nor does it possess a flying gallery or orchestra pit. The stage front is open with no proscenium arch or traditional “wing” space. Masking for wings can be provided but space is limited due to situation of the Hall’s fire exits (please see floor plan)

Auditorium

28.7 m x 13.6 m

The Elliott Hall has wood panelling around the walls to a height of about 3 m with white painted walls above with windows on both sides. There is a gallery across the back of the auditorium which accommodates the lighting and sound control area. The gallery is not considered a public area except for access to the fire exits on either side.

The auditorium has a high wooden beamed roof (approx 10m) which as a Grade 2 style listing.

The top of the panelling can be used to run cables around the auditorium and current supports the run of audio multicore to the stage from the control area.

There is a retractable seating unit at the rear of the auditorium, which has 10 rows of 21 seats. Matching chairs are available to add seating rows on the ground and for use for conference seating.

Fixed Organ Stage:

Width: 9.3 m

Depth: 4.4 m

Height: 1.2 m

The organ console is still present and occupies the back of the fixed staging. There are access steps to the stage up via Stage right. Portable stage is normally positioned on the auditorium floor in front of the fixed stage.

Portable Steel Staging (standard set up):

Width: 8.52m

Depth: 6.09m

Height: 0.59m

Personnel Access

Car Park Access (N 51.60880° W 0.36221°)

Vehicles should use the Art Centre car park for the purpose of unloading and loading.

The auditorium and stage area can be accessed by doors on either side and two double doors (opening of 2.13m x 1.71m) one either side of the stage at the front or by our standard fire exit doors on either side of the auditorium (opening of 2.13m x 1.02m)

Access To Height

Access to the lighting truss at performance height level can be achieved via use of our Genie AWP40s single user access platform. Please note : This access platform can only be operated by an individual with an IPAF PAL License, **which needs to be witnessed by the Technical Management Team before use.**

For more details please visit <http://www.ipaf.org/en/training/pal-card/>

Green Room

4.47M x 3.32M

Contains comfortable seating area with easy access to stage performance area. The Green Room is situated within the auditorium, stage right of the fixed Organ Stage. (Please see Fig 1)

Fly/ Drape Bar

There is a single fly bar 0.8 m upstage from the front of the fixed stage. The bar is 10 m long and electrically winched (Hoist Load Limit: 3 x 500kg)

It normally has black masking drapes (Width 8.65m Drop 6.13m) but can be used for other cloths or scenery at the discretion of the technical team.

Special Effects

Due to the Grade II* building listing, the environment of the main building and hall are maintained by a sensitive smoke detection system. Therefore all requests for use of haze/smoke or pyrotechnics should be discussed with the Technical Department prior to the event.

Power Distribution

1 x 63A outlet	Within Pipe Hood (Upstage – fixed stage)
2 x 32A outlets	Within Pipe Hood (Upstage – fixed stage)
2 x Double 13A sockets	Lighting/Sound Control Position
1 x Double 13A Socket	Right Side of Fire Exit (mid auditorium Stage Right Side)
1 x Double 13A Socket	Right Side of Fire Exit (mid auditorium Stage Left Side)
2 x Double 13A Sockets	Side edge of fixed stage front (Stage Right)
2 x Double 13A Sockets	Side edge of fixed stage front (Stage Left)
1 x Double 13A Socket	Outside Green Room (Stage Right)
1 x Double 13A Socket	Right Side of Fire Exit Door (close to stage on Stage Left Side)
1 x Double 13A Socket	Back of fixed stage on Pipe Hood (Upstage Right)
1 x Double 13A Socket	Back of fixed stage on Pipe Hood (Upstage Left)

Stage Lighting

Lighting Control: Avolite Pearl Tiger

Dimmers: Zero 88 Rackmaster 2.5Kw dimmers (fed from 3 x 16A breakers)
1 x Zero 88 Betapack 2 (fed via 32A supply)
1 x Zero 88 Betapack 3 (fed via 32A supply)

The rackmasters providing 48 channels of dimmable channels. 42 of these are hard wired to 15 amp outlets on the motorised trussing and fixed back bar.

6 dimmers are brought out to patch panel, and can be fed to any of 10 patchable 15A outlets: 2 on the back bar, 2 on the balcony and 6 on the truss.

Each truss as its own buffered DMX feed as well as various DMX points around the auditorium and back of the fixed stage on stage right. Each truss control box also has a non- dimmable 16A outlet.

The hall's lighting rig is configured on two square truss structures (approx 6.5M x 2.5M) each supported on four chain hoists.

Generic Lighting

Fresnels

8 x 1200K Selecon Rama 150
7 x 1000K Strand Patt 223

Profiles

4 x 800W Selecon SPX 15° - 35°
4 x 575W ETC Source Four Jr Zoom.

Others

4 x 1000W Strand Cantata PC
12 + ParCan CP62 Lamp
12 + ParCan CP61 Lamp
6 x 1000W FloorC

Followspots

2 x Strand Patt 793 (one positioned to the right of control area and the other far Stage Right)

Intelligent Lighting

2 x Robe ColourSpot 575EAT
4 x Robe ColourWash 575AT

Performance House Lights

There are dimmable fittings in three areas over the front middle and rear of the auditorium and one set that light into the roof beams. House light controls are located in the control area on the gallery.

Sound

Sound control position is located at the back of the raked seating on Stage Right.

Sound reinforcement is controlled via a Soundcraft LX7 Console(32 mono inputs, 2 Stereo Inputs, 6 aux sends, 4 submasters and FOH mix out)

The audio multicore provides 24 XLR inputs from stage to sound control position and 12 XLR returns to stage

FOH Sound Reinforcement

4 x 400W HK AT112A Active Loudspeakers
2 x 400W HK AT115 SubA. Active Subwoofer

This speaker system can be reduced depending on audio requirement

Racked at Sound Control Position:

1 x Rane ME1 15 Band Equalizer
1 x HH EQ215p 15 band Equalizer
1 x Alesis MidiVerb III Effects Processor
1 x Denon DN-D4500 CD Player

Loose Equipment

3x Shure PG58 Wireless Handheld Microphones
3 x Shure PG185 Wireless Lapel Microphones
13 x Shure SM58 dynamic microphones
10x Shure SM57 dynamic microphones
1 x Shure Beta58a dynamic microphones
1 x Shure PG52 unidirectional dynamic microphone
3 x Shure PG56 cardioid dynamic microphone
2 x Shure PG81 cardioid condenser microphones

1 x Yoga UniDirectional Instrument Microphone
6 x Stageline DIB100 Direct Injection Box
2 x Lynx LDI2 Direct Injection Box
4 x 250W H&K DART Active Stage Monitors

Projection

1 x Benq PB8230 Data Projector (Loose – to be used at ground level only)
1 x Hitachi ED-X422 Data Projector (Loose – to be used at ground level only)
1 x Fastfold Screen

Communications

Tec Pro headset system with 2 circuits powered from a 2 way base station in the control position. The circuits as set up as:

Tech Circuit

Consisting of plug points in corridor behind stage for SM or Front of House.
Connections to followspots.

Dressing Room Circuit

Cabled from base station to points in Stanmore and Canons rooms.

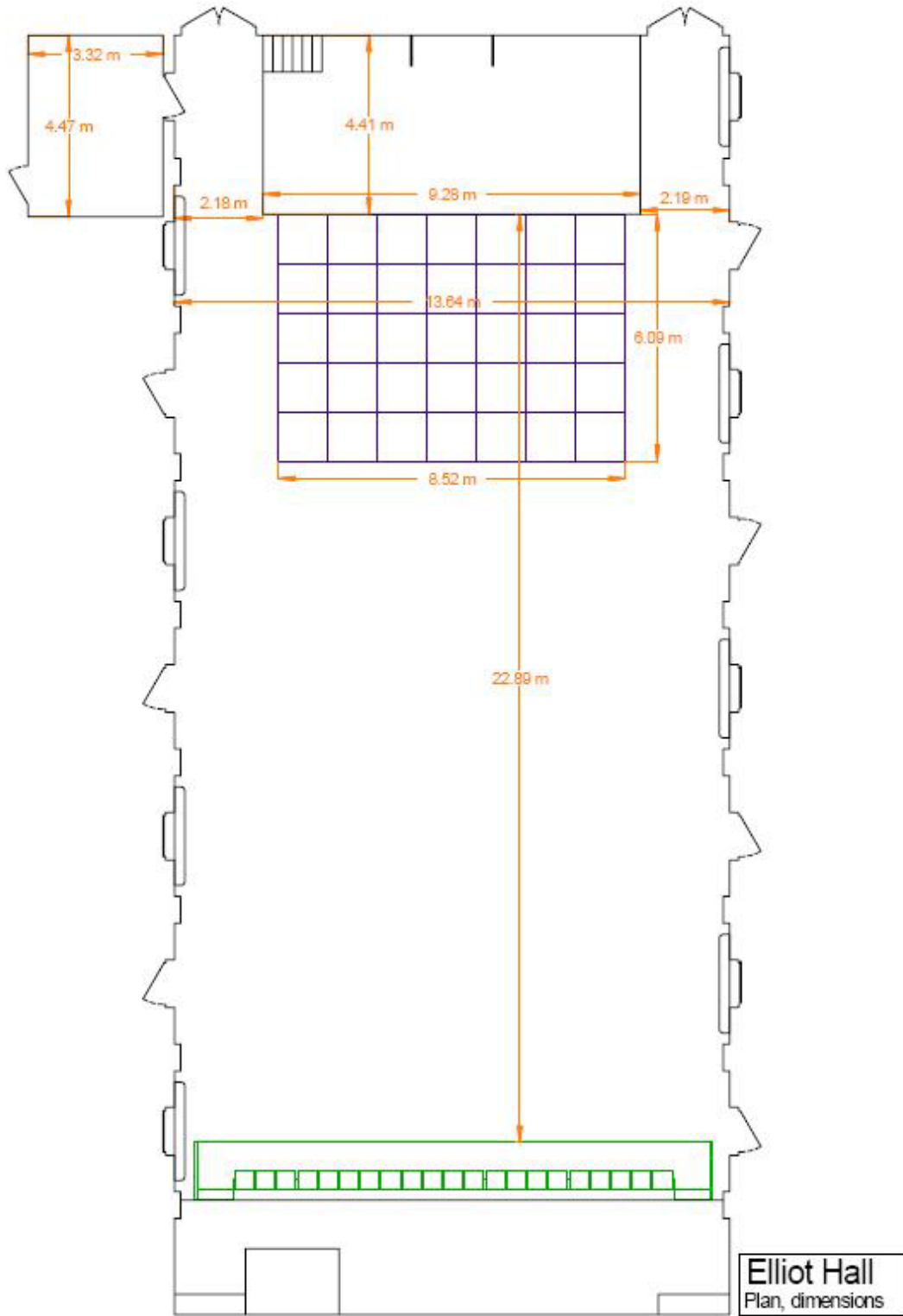


Fig 1. Auditorium Measurement plan: Fixed Raked Seating (Green) is shown as retracted and all other seating removed

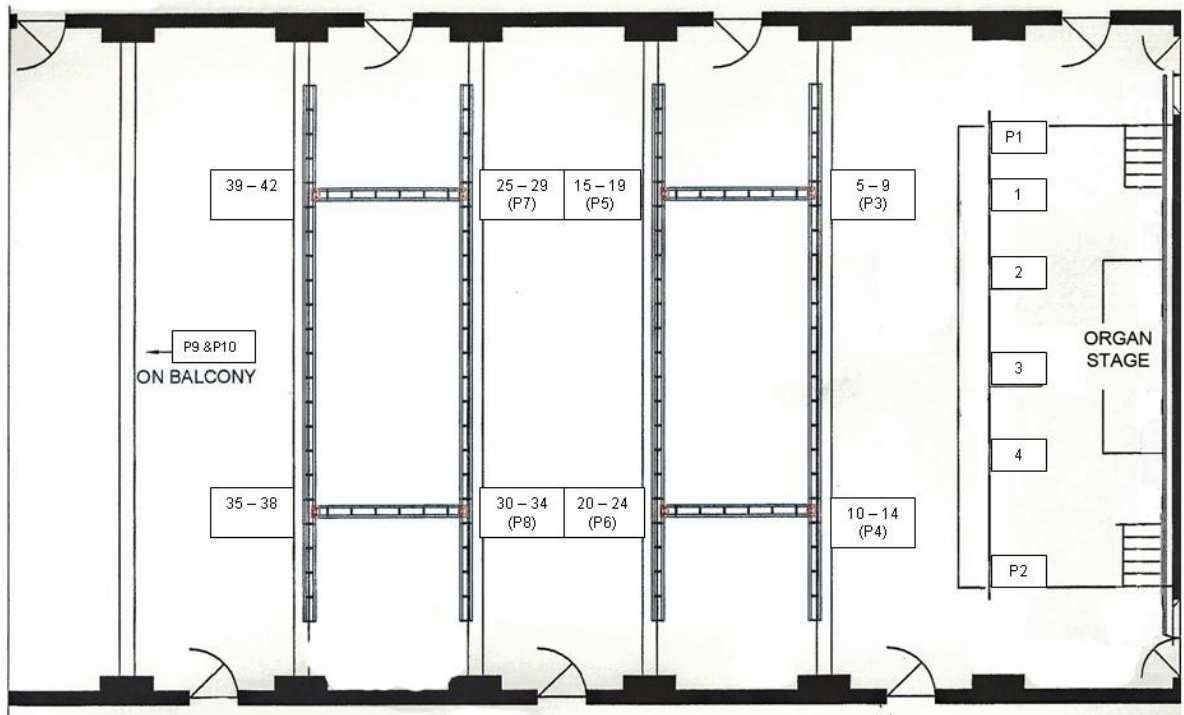


Fig 2. Auditorium Lighting Output plan:

Circuits 1 to 6 are on an electrically winched lighting bar above the drupe bar. Both truss structures shown are on 4 independent hoists each (Max Load: 750kg evenly distributed) and can also be reached via raised access platform (IPAF PAL License required)

P1 to P10 indicate the possible assignable outlets of the 6 dimmers are brought out to patch panel in the dimmer room. **Only 6 patches can be assigned.**

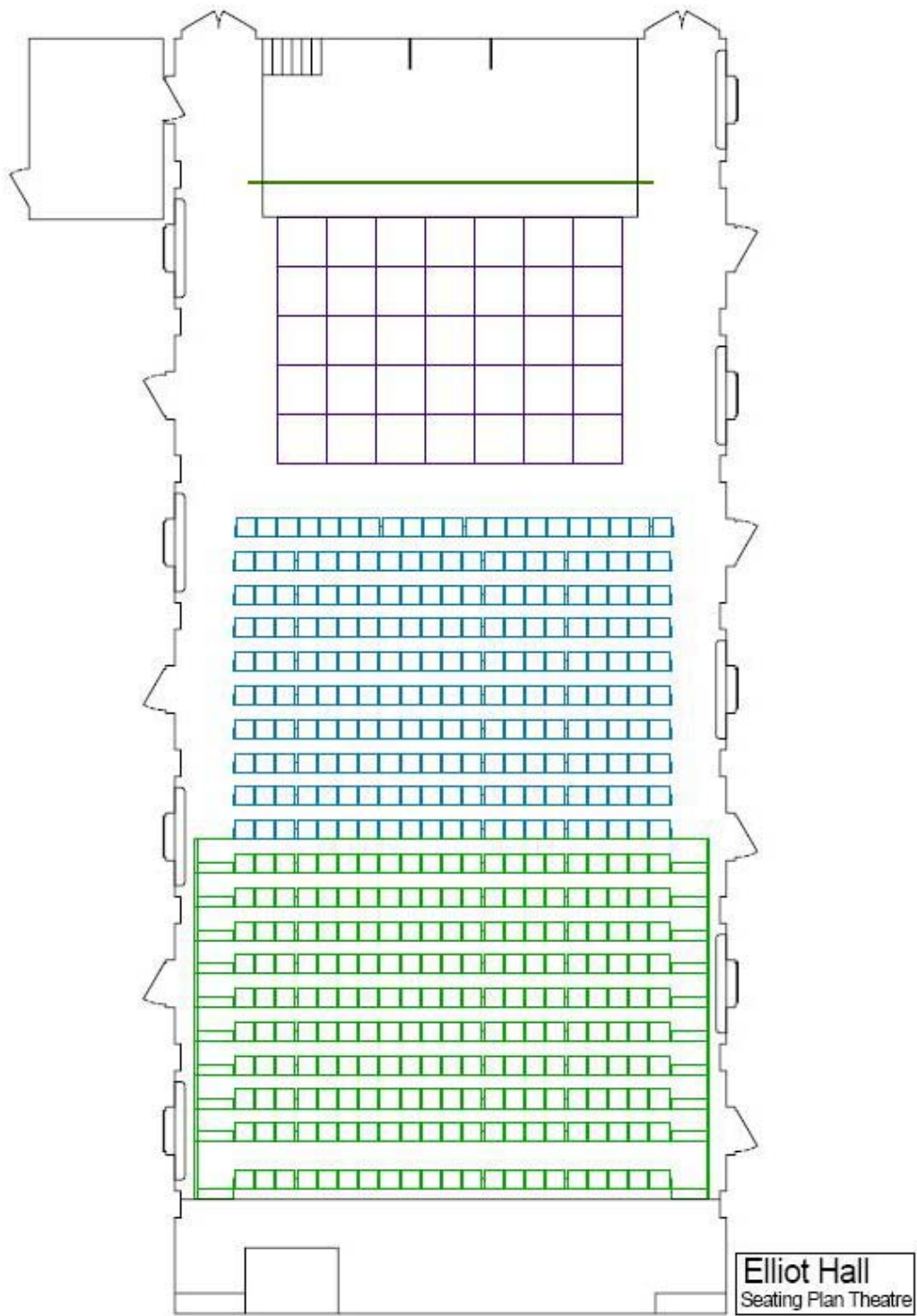


Fig 3. Auditorium seating plan: Fixed Raked Seating (Green) Removal Seating (Blue)