



Royal Albert Hall

North Circle Bar

Technical Specification

2019

Royal Albert Hall
Kensington Gore
London
SW7 2AP

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www.royalalberthall.com

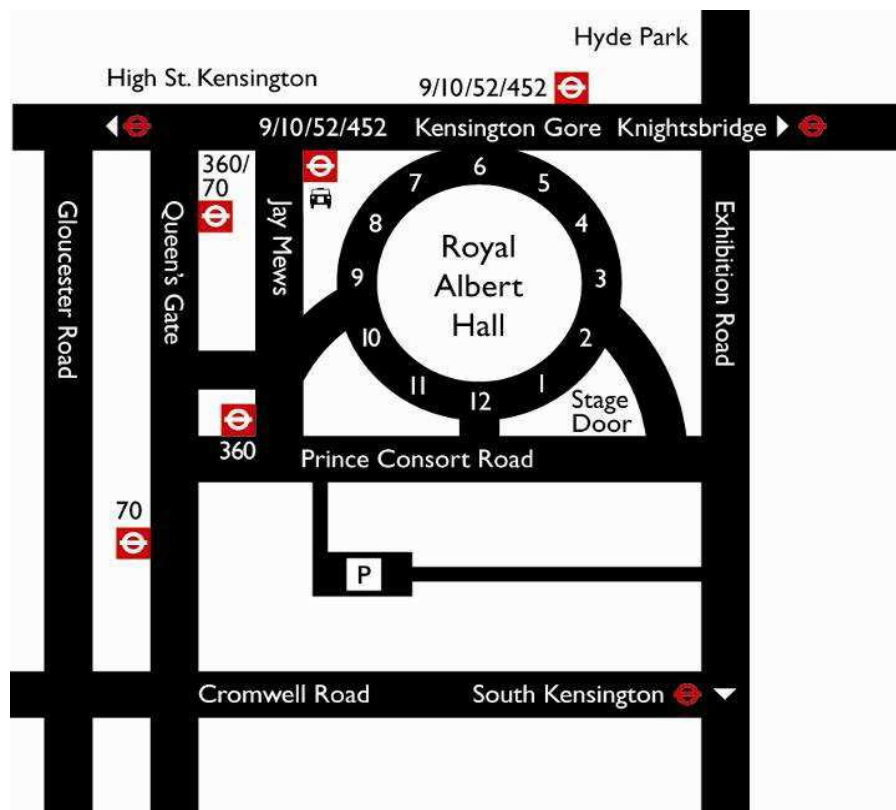
For any enquiries, please contact:
technicalenquiries@royalalberthall.com

This document is meant as a guide to incoming companies and designers. The specifications are subject to change and will be updated as frequently as possible. Please consult the Technical Manager who has been allocated to your event for hire prices and equipment changes.

There is a generic RAH risk assessment form attached to this document. Risk assessments are required two weeks in advance of a show coming into the Royal Albert Hall.



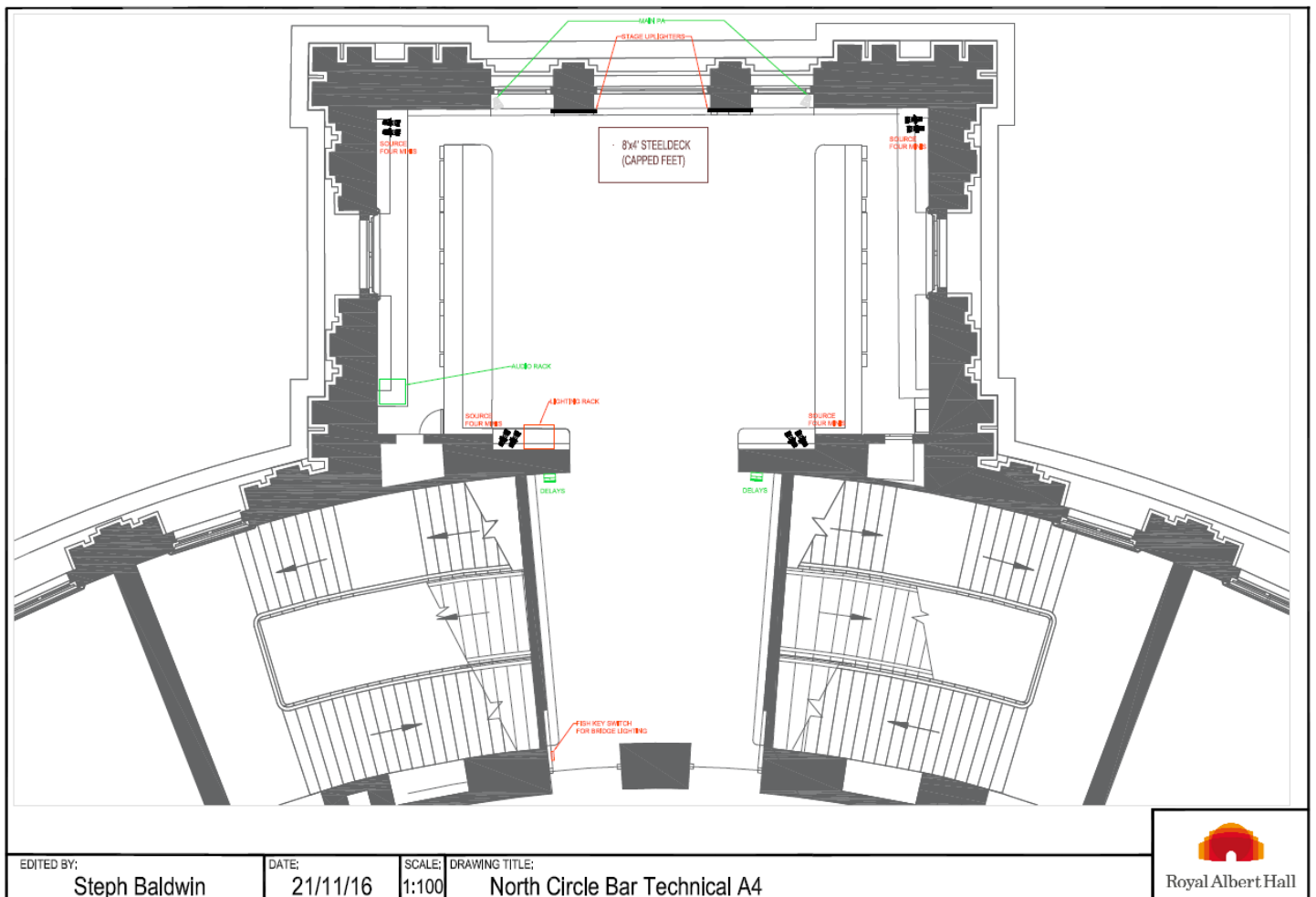
Royal Albert Hall Location Map



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Room Overview



The North Circle Bar is a multipurpose function room and Bar. It has a complete set of its own technical facilities.

It is located above door 6 porch on the Rausing Circle level (3rd Floor).

The room is extremely flexible to match whatever requirements you may have. Please ask the Technical Manager if you need more information than is included in this guide.

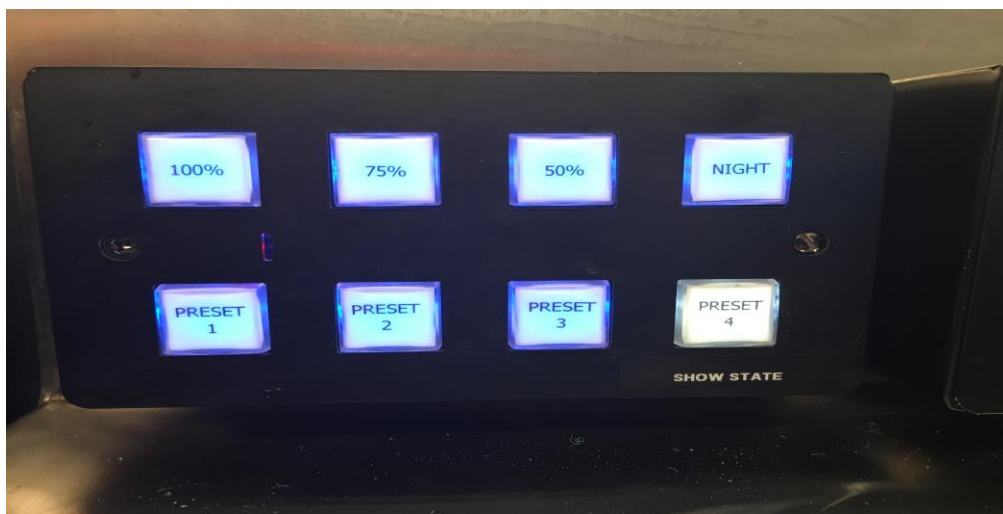
North Circle Bar lighting equipment:



- 8 x Tungsten source Four Minis 19, White, 300K (o/w gel Frame and E size Gobo holder.
- 1 x ColorSource 20 (Lighting Desk)

Pre-set 4 (See below) has been created on the panel located under the bar so the user doesn't have to setup the lighting desk to operate.

Lighting Equipment cannot be derigged or moved.



North Circle Bar lighting equipment:

Advanced Control:

All architectural lighting equipment can be controlled with ColorSource 20, with the exclusion of the lighting in the bridge.

These are controlled by a Fish key switch next to the west door.

- These fittings are not dimmable.

To connect the lighting desk, the DMX input which is located in the cupboard in front of the bar has to be switched to the correct input. The DMX splitter input must be cross patched in the lighting cupboard, from GDS panel to lighting desk.

When resetting the room, please ensure lighting control is returned to the GDS panel.



<u>FIXTURE DESCRIPTION</u>	<u>OUTPUT</u>	<u>DESK CHANNEL</u>	<u>ADDRESS</u>
<u>2no Stage Uplighter Colour</u>	<u>Red</u> <u>Green</u> <u>Blue</u> <u>White</u>	<u>1</u>	<u>44</u> <u>45</u> <u>46</u> <u>47</u>
<u>Bar Mirror Colours</u>	<u>Red</u> <u>Green</u> <u>Blue</u> <u>White</u>	<u>2</u>	<u>33</u> <u>34</u> <u>35</u> <u>36</u>
<u>2no Source 4 Minis NW</u>	<u>White 3000k</u>	<u>3</u>	<u>29</u>
<u>2no Source 4 Minis NE</u>	<u>White 3000k</u>	<u>4</u>	<u>30</u>
<u>2no Source 4 Minis SE</u>	<u>White 3000k</u>	<u>5</u>	<u>31</u>
<u>2no Source 4 Minis SW</u>	<u>White 3000k</u>	<u>6</u>	<u>32</u>
<u>Chandelier</u>	<u>White</u>	<u>7</u>	<u>42</u>
<u>Under Bar strip</u>	<u>White</u>	<u>8</u>	<u>43</u>
<u>Mirror Spots</u>	<u>White</u>	<u>9</u>	<u>48</u>
<u>Midlevel Wall Surround</u>	<u>White</u>	<u>10</u>	<u>37</u>
<u>Ceiling Cove</u>	<u>White</u>	<u>11</u>	<u>1-28</u>

North circle Bar AV Equipment

Robe MiniMe, projects onto the acoustic panelling above the bridge.
Data input is via HDMI, Cat5 or local USB



Power control for the projector is located behind the bar (See pictures below)



Cupboard



Switch

Devices can be connected to using HDMI connection in the audio cupboard.
Files can be loaded onto fixture, either by USB locally, or Cat5 patch.
-USB drive must be matted by the unit, and will accept Jpeg and Mpeg4. File names should be pre-texted with three digit DMX address, followed by underscore.

North circle bar audio patch bay



Face plate comes off by hand.

Powercon has a Maximum 16A current draw projected with 30Ma RCD.

North Circle Bar Sound System

The audio system Comprises of an equipment rack located behind the bar. The loudspeakers in the window frame are K Array model KR102. One loudspeaker will be located in the return of the right side of the left window, and one speaker is located on the left hand side of the right window.

Delay loudspeakers provide additional audio coverage beyond the coverage area by the main loudspeakers. The loudspeakers are EM acoustic EMS 51 loudspeakers. Please refer to plan.

Mixing Desk

- Yamaha – TF1 Digital Mixer

Microphones

- 2 x Hand held radio microphones
- 2 Shure SM58
- 2 Shure SM57
- 4 Rode NT5 condenser mic
- 7 K&M tall mic stand with boom & 4 K&M short mic stand with boom,
- 3 DI boxes

Extra Equipment

The sound equipment listed above is included as standard with the room. We can provide extra microphones but this may incur an additional charge. Please contact the Technical Manager for more information.

Staging

Any desk or chairs to be used in the room must have rubber feet. This applies to all furniture and equipment to protect the floor.

Access

Any high level access work must be done using either a scaff tower or an A frame ladder/Zarges. No ladders are to be rested against the walls in particular the acoustic panelling above the archway. All work at height must have been approved in a risk assessment, and an implemented rescue policy. Access to all technical equipment is by key, and will only be granted with the permission of the Royal Albert Hall technical team.

Health and Safety Specifications

All information in this section is taken from the Royal Albert Hall's health and safety policies which are available to all incoming companies. This is not meant in any way as a comprehensive guide to health and safety, just as a reference to some of the more important factors.

Risk assessments

Essentially there are five steps to risk assessment, which all those working in the Hall must consider:

1. Look for hazards.
2. Decide who might be affected and how.
3. Evaluate the risks arising from the hazards and decide whether existing precautions are adequate or more should be done.
4. Record your findings.
5. Review your assessment from time to time and revise it if necessary.

All routine activities relating to the staging of an event, from the load-in, the fit-up and the load-out have been assessed by appropriately trained Hall staff and are monitored / recorded by the show staff. Where deemed necessary, safety precautions have been put in place and methods of operation improved to reduce hazard and risk.

There may be occasions when unusual staging arrangements require activities not currently assessed. On such occasions promoters and production companies will be asked to assist the Hall's show staff in carrying out a risk assessment and implementing appropriate steps to ensure safe working conditions.

Everyone engaged in activities related to the staging of an event should ensure that their own personal safety and that of others is not compromised. Operatives should only undertake those tasks that they are trained or skilled in, are physically capable of doing and that pose no risk or hazard to themselves or those around them.

If required, further and more detailed information regarding risk assessment is available from your Event Manager.

Sample Risk Assessment Form

Quick Risk Assessment	
Job or Operation	
Hazards	
Personnel at Risk	
Severity	
Initial Risk Rating	<div style="display: flex; justify-content: space-around; width: 100%;"> LOW MED HIGH </div>
Controls	
Further Action Required / Notes	
Residual Risk Rating	<div style="display: flex; justify-content: space-around; width: 100%;"> LOW MED HIGH </div>
Assessed by	
Action by	

Figure 1 - Sample Risk Assessment Form