



Huddersfield Town Hall Technical Specification

(Updated Feb 2023)

Concert Platform

- Semi circular concert platform 10.1 M wide and 5.5M deep. @CL
- Stage Extensions of 1.2M(4ft) 2.4M(8ft) and 3.6M(12ft) available (Audience capacity affected)
- Stage Height from stalls 1.5M (5ft)
- Orchestra/choir risers Fixed choral risers' capacity 300 persons.
- Please ask for other tiering configurations
- Treads up to stage front can be provided if required (Audience capacity affected)

Please see [our ground plans](#) for the shape and size of our stage platform – it is not a 'black box' layout. There is no masked wing space at stage level and exit passages down either side of the stage can make accommodation of monitor consoles and prompt desks difficult. We strongly advise a site-visit before booking if you are unfamiliar with the venue.

Access

There is level access to the ground floor with a lift to concert hall level 1m wide x 2m high. Stairs to concert hall for any oversize equipment. Please contact or visit for exact measurements. Please note that we do not have a designated Loading Bay, so please advise of loading in/out requirements. We can arrange for bollarding of the street for loading in/out, but not general parking.

Rigging

Our over-stage truss is the only flown structure in the venue. Any other temporary flying is only allowed with the prior consent of the Technical Manager and will require the approval of our structural engineer. Lightweight items such as banners may be attached to the existing truss, but no additional lighting or equipment without prior consent (approx. 13.2m from bottom of truss to stage floor when flown fully out)

Equipment

- 80 x Orchestral chairs (Burgundy banquet style padded chairs)
- 1 x Conductors podium with rail
- 2 x Lecterns (Aluminium truss style)
- 4 x Lite-deck 6'x4' deck sections with 450mm (18") or 300mm (1') legs for drum/keyboard risers etc.

Projection system

- Rear projection screen 381cm x 610cm. Flown from the on-stage truss and can be adjusted to suit the needs of the event.
- Panasonic PT-RQ22K 4K+ 3-Chip DLP™ 20,000 Lumen projector with a Panasonic ET-D3LEW200 Lens.
- The projector is controlled via a Panasonic ET-YFB200G Digital Link Switcher which can be placed almost anywhere in the hall and will take 2x HDMI feeds – **please get in touch to discuss your location requirements.**
- The projector is located at the top of the risers and can take a direct HDMI or SDI feed directly into it.

Pianos

- 2 x Steinway D Concert Grand – On stage **Additional Charge Applies**
- 1 x Yamaha Upright - Meeting Room 4 **Additional Charge Applies**
- If pianos are required in different rooms this must be arranged in advance. Only our professional piano movers will be allowed to move the pianos around the building. **Additional Charge – Please Enquire**

Organ

The Father Willis Organ is the focal point of the venue. Built by Henry Willis and sons of London, the instrument was originally installed in the Albert Hall, Newport, South Wales. It was purchased by Huddersfield Corporation for installation in the new concert hall here in 1881. Full details available on request. Now maintained to concert standard by Wood & Son of Huddersfield, organ builders. The organ is available to use for main-hall functions. **Additional Charge Applies**

Lighting

- **Control:** Avolites Tiger Touch II.
- **Overhead:** 24 x Prolights EclipsePAR TU in ceiling above the stage providing orchestral stage wash.*
- **Front of House Bar:** An accessible front bar is on the gallery above the Mayor's Box comprising:
 - 8 x Prolights EclipseFC LED Profiler with 15/30 zoom lens tube.
 - 3 x Prolights Jetspot4Z moving head fixtures.***
 - 2 x Prolights Stark400 moving head fixtures.****
- **LED Fixtures:** Permanently rigged on our flown truss:
 - 3 x Prolights LumiPAR 12HPRO for feature lighting of Father Willis Organ
 - 10 x Prolights LumiPAR 12HPRO providing an overhead stage wash.
 - 10 x Prolights Reflex moving head fixtures.
 - 3 x Prolights Jetspot4z moving head fixtures.

Rigged on fixed bars above the choir risers at each side of the stage:

 - 10 x Prolights LumiPAR 12HPRO for backlighting the risers (5 per side)**
 - 2 x Prolights LumiPAR 12HPRO for side-lighting the organ (1 per side)

*EclipsePAR is a Warm White Fixed position LED PAR style fixture

**LumiPAR 12HPRO is a fixed position RGBAW+UV LED wash fixture, Reflex is a moving head RGB LED wash fixture with variable zoom,

***Jetspot4z is a 180W 6800K LED moving head spot fixture (equivalent to a traditional 700w discharge fixture),

****Stark400 is a moving head RGBW Pixel-mappable wash fixture. All types of fixtures have various shutter, colour and GOBO effects built in as appropriate to the units.

- **House Lights:** House lights are DMX controlled and are fully dimmable.

All the above lighting is normally controlled from our Avolites Tiger Touch Desk on three separate universes of DMX. Full DMX channel list is available on request. You are welcome to bring your own console and interface to our system if you prefer. Interfacing into our system is available at the back of the Stalls or in our usual Gallery mix position.

Followspots:

We have two Robert Juliat Foxie followspots, these are 700w MSR spots with full dimming and iris capabilities. We do not as standard have colour in the spots, but this can be arranged in advance. The spots are located in the Gallery, one each side, however we can move one into the centre of the gallery if it is not open for the event. – **please note recharges may be applicable, and the use of the spots is strictly by prior arrangement.**

Sound:

- **PA:** Full range Meyer system covering all seating levels (Stalls, Balcony, Gallery). The system is time-aligned to work with zero, 4, 8 or 12 foot stage extensions.
- **Multicore:** 24 send plus 6 dedicated return lines between stage and mix position.
- **Mixer:** Midas Venice 320 (24 mono & 4 stereo channels), 4 band eq, 2 aux, 2 FX, 2 mon sends per channel.
- **Outboard:**
 - 2 x Drawmer MX30 dual compressor/gate
 - 2 x Klark Technik DN370 dual graphic eq
- **Playback:** Denon DN-D6000 dual MP3 CD player, Minidisk player (available by prior request only).
- **Monitors:** 4 x RCF active monitors (can be placed anywhere onstage as required).
- **Radio Mics:** 4-way Sennheiser G5 500 series system. Mics may be hand-held, or lapel (tie-clip) type as required.
- **Miscellaneous:** Standard microphones to cater for general instrument, speech and vocal. Note these do not include any specialist mics e.g., drum kit mic set. A selection of mic stands (various heights), mic leads, DI boxes and connectors/adaptors are also available.

Please let us know in advance if you will need to interface your own equipment (laptops, CD players, etc) with our system, and we will ensure the required cables and connectors are available. We can accommodate your own mixing desk giving a feed into our PA if required.

You are welcome to bring your own touring PA, however, please be aware that the natural acoustics of the venue are very 'lively', please consider this with your choice of PA. If bringing your own system please also consider that Balcony and Gallery seating areas require coverage, you can tie into our system if needed.

Power

Standard 13A sockets are available around the stage, on the risers, and in front of the stage. We have a selection of extension leads and 4-gang adaptors if required.

You are welcome to bring in touring dimmer/lighting or PA systems. 'Large' power available:

- 32A Single Phase Cee-Form under stage – **currently extended to DSL.**
- 32A Three Phase Cee-Form at top of risers SL – **this is our motor power and can be used once truss height is set.**
- 63A Single Phase Cee-Form under stage – **can be split into 2x 32A supplies.**
- 63A Three Phase Cee-Form under stage – **Can be split into 1x single phase supply.**
- Three Phase Tail-In up to 100A per phase – **by prior arrangement only**

Please be aware that space backstage is limited: most doorways and passages are emergency exit routes and may not be obstructed by equipment or cabling. A site-visit is recommended to plan your cable routes. We do not have much in the way of 'Large' power cables and adaptors, **however a list is available on request.**

Talkback, Show Relay and Hearing Aid Loop

- 7-way GreenGo Wireless Comms System, suitable for use in all areas of the main hall.
- Zoned show-relay system feeding speakers backstage, principal dressing rooms etc.
- Hearing-aid induction loop installed in Main Hall.

General

Our lighting and sound mix position is located at the rear of the balcony. If you are bringing your own consoles, space can be made available at the rear of the stalls (with the loss of some audience seating capacity). Please let us know if this will be required, so the relevant seats are kept off-sale.

Personnel

Our standard arrangement includes one house technician to provide general assistance for 8 hours (typically 4 hours fit-up, 4 hours show). If you require dedicated operators for both lighting and sound, or crew for load-in/out, this can be arranged **at an additional cost.** Please contact us to discuss your requirements.

Feel free to contact The Technical Team (Phone 01484 221000 extension 75292) or email TownHalls.TechnicalTeam@kirklees.gov.uk if you require any further info, or wish to call in to discuss your requirements.