

# HAWTHORN AT BATTERSEA EVOLUTION

Technical Production Guide

September 2017 – June 2018

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# ABOUT HAWTHORN

**Hawthorn are award-winning creative technical event production experts - it's our job to make your events look and sound amazing. And with over 30 years in the business, we really know our stuff.**

Named by the London Stock Exchange in 2015 as one of the '1000 Companies to Inspire Britain', we believe every event should be an incredible experience. Using the very latest event technology, we create spectacular bespoke technical solutions, in the UK and beyond.

## Full Creative Technical Event Production

Whether you're looking for a slick conference production, an exclusive experiential showcase for a global brand or putting on the party to end all parties, we'll work alongside you to bring your vision to life.

## Equipment Hire

When you need the kit and not the whole caboodle, our renowned hire service - with its huge range of lighting, sound, video, staging, rigging and drapes - can help. We sell equipment from leading manufacturers too.

Based in Leicestershire, London and Cambridge, with our cutting-edge gear, ingenious team and unwavering focus on quality, we're proud to deliver a truly amazing service, every time. And that's why many of our clients choose to work with us again and again.

# HAWTHORN AT BATTERSEA EVOLUTION

- Hawthorn has been the incumbent technical supplier to Battersea Evolution since 2008.
- We offer a complete creative technical production service for all types of events, from design and visuals through to lighting, sound, video, set design and build, rigging and power installation.
- In the past 3 years alone, Hawthorn has been responsible for the total production of over 120 events in Battersea and supplied house services to numerous more.
- With a vast array of technical equipment and continued annual investment at Battersea there is no stone left unturned when maximising efficiency and knowing what is and isn't possible in the space.
- Hawthorn prides itself on its long term collaboration with Smart Group and the seamless combined working relationship with Battersea Evolution that has led to us being recognised as one of the leading technical production teams in the London market place.
- We deliver a broad range of events within Battersea combining all of our resources under one roof. We aim to surpass client expectations, produced at the right level and with the client guest experience always the focus of our attention.





*Battersea Dogs & Cats Home Coats & Collars Gala Ball*

## OUR TEAM

**At Hawthorn we pride ourselves on our customer service. Open 7 days a week, we're available when you need us. Our friendly team always go the extra mile for our clients.**

Throughout the duration of your event planning and delivery you will have a dedicated Hawthorn Project Manager with intimate knowledge of Battersea Evolution to support you every step of the way. And, if you need our help at any time through the entirety of your project, we're just a phone call away.

With many years' of experience delivering a wide variety of events, our team has the skills and expertise to make your event truly spectacular.

## OUR EVENTS

**Hawthorn is proud to be the technical production partner of choice for a vast range of clients and events.**

From theatre productions and rock'n'roll concerts to fashion shows, conferences and live events, Hawthorn has the latest equipment and skilled team to deliver an event to remember. Some of our most recognised clients include:

- Adobe
- BBC Worldwide
- Cambridge University
- Farnborough International Airshow
- Hay Festival
- Herbalife
- New Order
- NHS
- The Curious Incident of the Dog in the Night-Time
- Status Quo
- Victoria & Albert Museum
- Many, many more

# TECHNICAL SPECIFICATION

Battersea Evolution has a comprehensive lighting and sound package that is included within the venue hire. The following pages outline the technical specifications for these services as well as optional upgrades. Please refer to House Costs (page 9) for associated charges and further detail.

*Please note: the information held within this brochure is applicable outside of the Christmas season when a more comprehensive package is available.*

## LIGHTING

Battersea Evolution has a complex lighting package included within the venue hire. All lighting services can be fully customised to complement the theme of your event – more complex effects and upgrades can also be provided upon request.

### Outside

LED colour changeable lighting is provided within three truss arches above each entrance, on the 'legs' of the structure and amongst the surrounding trees.

### Atrium and Mezzanine

- 130 LED fixtures provide dramatic lighting of the roof structure and floor of the entrance area and mezzanine.
- 10 Alpha Spot Moving Lights can be loaded with custom gobos or used to add texture and movement to this space. ***These are available at additional cost.***

The above fixtures are suspended from five trusses within the roof space. These trusses are for venue architectural lighting installations only and cannot be used for production equipment.

### Main Event Space

- Colour Changeable (RGB) LED starcloth roof of the event space that can be set to static colours or simple effects. This can also be controlled by a lighting desk if you wish to incorporate into a larger lighting design.
- 42 Chroma Floods to provide an LED colour changeable wash of the entire room.
- Fluorescent lighting can be selected in rows for a customisable working light throughout the venue.
- Pinspot lights can be provided to achieve a cost effective solution to table lighting. ***Available at extra cost – please see pricing card.***

# DIMMING, POWER AND NETWORKING SOUND

## Power and Dimming

Socapex feeds are offered around the venue. They are supplied as either full 'hot' or 'dimmed' supplies – dimmed supplies being controllable through the house Artnet.

## Artnet and DMX

Venue equipment can be controlled through Artnet. Full details of the Artnet infrastructure, configuration and capabilities can be found on page 13.

DMX feeds are available throughout the venue, accessible through Artnet.

Artnet, DMX, power and dimming are charged separately, please refer to page 9 onwards for pricing.

## Networking

Battersea Evolution is equipped with a complex network infrastructure, patchable around the venue from the roof and at key points on the walls. This multi-purpose system is compatible with sound, video and lighting networks.

The venue package includes a sound system for background music and announcements, incorporating:

- 42 Tannoy V12-HP speakers in the main space.
- 4 Tannoy V12-HP speakers in the atrium.
- 14 Tannoy 5.12 speakers covering the mezzanine.
- Audio 'tie lines' to allow input into the house system. Further input/output locations are available on request.

The sound system is customisable throughout the venue using BSS Soundweb.

It is recommended that event organisers for awards ceremonies and live music consider a larger sound system in addition to the house provisions; Hawthorn's team of experts can provide advice on what equipment would best meet your needs.





Runefest

## DRAPES

### Wall Drapes

Black wool serge drapes are fitted as standard around the perimeter of the main space. These can be removed on request at additional cost.

### Mezzanine Drape Divide

A retractable black wool serge drape is fitted, enabling organisers to separate the mezzanine and main event space.

### Bar and Main Space Divide

A dividing drape can be supplied at additional cost to separate the bar area from the main space. This is suspended from a house truss and can be supplied at a reduced rate at certain locations within the venue – please refer to site layout on page 12 and speak to us for more information.

## POWER

**Hawthorn supply all mains power within the venue which is chargeable according to your requirements.**

We can provide three-phase power for you to distribute or provide power distribution around the venue down to 13a supplies.

*Please note: there is no power included within venue rental at Battersea Evolution and all items requiring power must be considered.*

*Please note: that power consumption is charged separately by the venue*

## ELECTRICAL TESTING

**Wandsworth Council require all electrical installations to be installed and tested to BS7909 (Temporary Electrical Systems in the Entertainment Industry).**

Hawthorn will provide a cost within your quote for electrical testing of our supplies. Any electrical equipment brought into the venue must also be tested – by either Hawthorn or a qualified person, with a copy of the test certificate submitted to the venue.

We are NICEIC certified so you can be confident that all testing will be carried out to the highest of standards.



## HOUSE TECHNICIANS

A house technician is required for the duration of the tenancy of your event and must be on site at all times when the venue is occupied.

One of Hawthorn's experienced technicians will be provided inclusive of the venue hire for the first 24 hours of your tenancy, after which additional costs will be charged per 12 hour shift (see page 9 for further pricing information).

## RIGGING, TRUSS AND MOTORS

Hawthorn provides rigging throughout the venue, including truss, motors and anything else that attaches to the roof of the structure.

The house truss is black Total Fabrications LD30 (30cm x 30cm). We also hold a large stock of Prolyte truss to meet any additional requirements.

Battersea is fitted with High Node and Low Node rigging points, as illustrated on page 12:

- High Node – rated to 1T SWL and allowing maximum trim height as the motors travel through the starcloth roof.
- Low Node – rated to 0.5 SWL, the motors fix to the rigging brackets below the starcloth and result in a lower trim.

The maximum permissible distance between rigging points is 10m and cantilevers are possible up to 1m from the point. Bridles are not possible in this venue.

Rigging plans, including anticipated weight calculations for each rigging point, must be submitted to Hawthorn no less than 14 days prior to your event.

## ACCESS EQUIPMENT

Hawthorn is the mandatory supplier of all access equipment at Battersea Evolution, including scissor lifts, cherry pickers and fork lifts.

Up to six JLG 1930 scissor lifts are available in-house as a reduced rate and are available from the beginning to the end of your tenancy. Please contact us to discuss the requirements for your event.







London Football Awards

# HOUSE COSTS

Basic, per item house costs are outlined in the following pages. Please contact Hawthorn's dedicated Battersea Evolution team to discuss your event in more detail and we will be happy to supply an accurate quotation based on your specific requirements:

**e:** [battersea@hawthorn.biz](mailto:battersea@hawthorn.biz)

**t:** 01223 897 690

# LIGHTING

|                                              |                 |
|----------------------------------------------|-----------------|
| Pinspot                                      | <i>£10 each</i> |
| Alpha Spot 575<br>On Mezzanine               | <i>£80 each</i> |
| Alpha Spot 575<br>Package of 10 on Mezzanine | <i>£600</i>     |
| Custom gobos in the above                    | <i>£POA</i>     |
| DMX/Artnet connection                        | <i>£25 each</i> |

# RIGGING

## Chain Hoists

Per tenancy week or part thereof

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| 1 Ton motorised chain hoist<br>Includes top fix point | <i>£104 per unit</i> |
| ½ Ton motorised chain hoist<br>Includes top fix point | <i>£87 per unit</i>  |
| Motor controller (8-way)<br>Includes cabling          | <i>£260 per unit</i> |
| Motor controller (12-way)<br>Includes cabling         | <i>£390 per unit</i> |
| Motor controller (16-way)<br>Includes cabling         | <i>£519 per unit</i> |

## Truss

Per tenancy week or part thereof

|                                                                   |                      |
|-------------------------------------------------------------------|----------------------|
| Truss<br>Total Fabrication LD box truss                           | <i>£20 per metre</i> |
| Truss<br>Drape ladder                                             | <i>£10 per metre</i> |
| Scaffolding tube                                                  | <i>£2 per metre</i>  |
| Corner blocks                                                     | <i>£47 per unit</i>  |
| Dead hang rigging point to 50kg<br>Includes top fix and drop wire | <i>£32 per unit</i>  |
| Other truss available on request                                  | <i>£POA</i>          |

## Labour and Miscellaneous

Prices are per shift (10 hours) including breaks

|                                                                        |             |
|------------------------------------------------------------------------|-------------|
| Crew Chief                                                             | <i>£403</i> |
| Rigger                                                                 | <i>£372</i> |
| Design approval and sign-off charge<br>Subject to complexity of design | <i>£276</i> |

## Scissor Lifts

Prices are per tenancy, up to a maximum of one week, up to a maximum of six machines

|                             |             |
|-----------------------------|-------------|
| JLG 1930 scissor lift       | <i>£193</i> |
| Additional access equipment | <i>£POA</i> |

## Room Divide Truss and Drape

### Reduced rate

|                                                                               |             |
|-------------------------------------------------------------------------------|-------------|
| Internal reception divider truss<br>With single-sided black wool serge drapes | <i>£825</i> |
| Internal reception divider truss<br>Without drapes                            | <i>£492</i> |

# POWER

Per tenancy week or part thereof

|                                                                      |                  |
|----------------------------------------------------------------------|------------------|
| 16A/13A Single Phase Feed                                            | £53 per unit     |
| 32A Single Phase Feed                                                | £84 per unit     |
| 32A Three Phase Feed                                                 | £105 per unit    |
| 63A Three Phase Feed                                                 | £169 per unit    |
| 125A Three Phase Feed                                                | £315 per unit    |
| 400A Three Phase Feed                                                | £1,313 per unit  |
| Hardshell Cable Ramp<br>To protect power cables across access routes | £15.50 per metre |

Hawthorn can also supply power distribution boxes at additional cost for your event.

*Please note: power consumption will be charged separately by the venue*

## Lighting Related Power

|                                      |               |
|--------------------------------------|---------------|
| Cables fed from roof                 |               |
| Socapex feed<br>Dimmed or hard power | £103 per unit |

# HOUSE TECHNICIANS

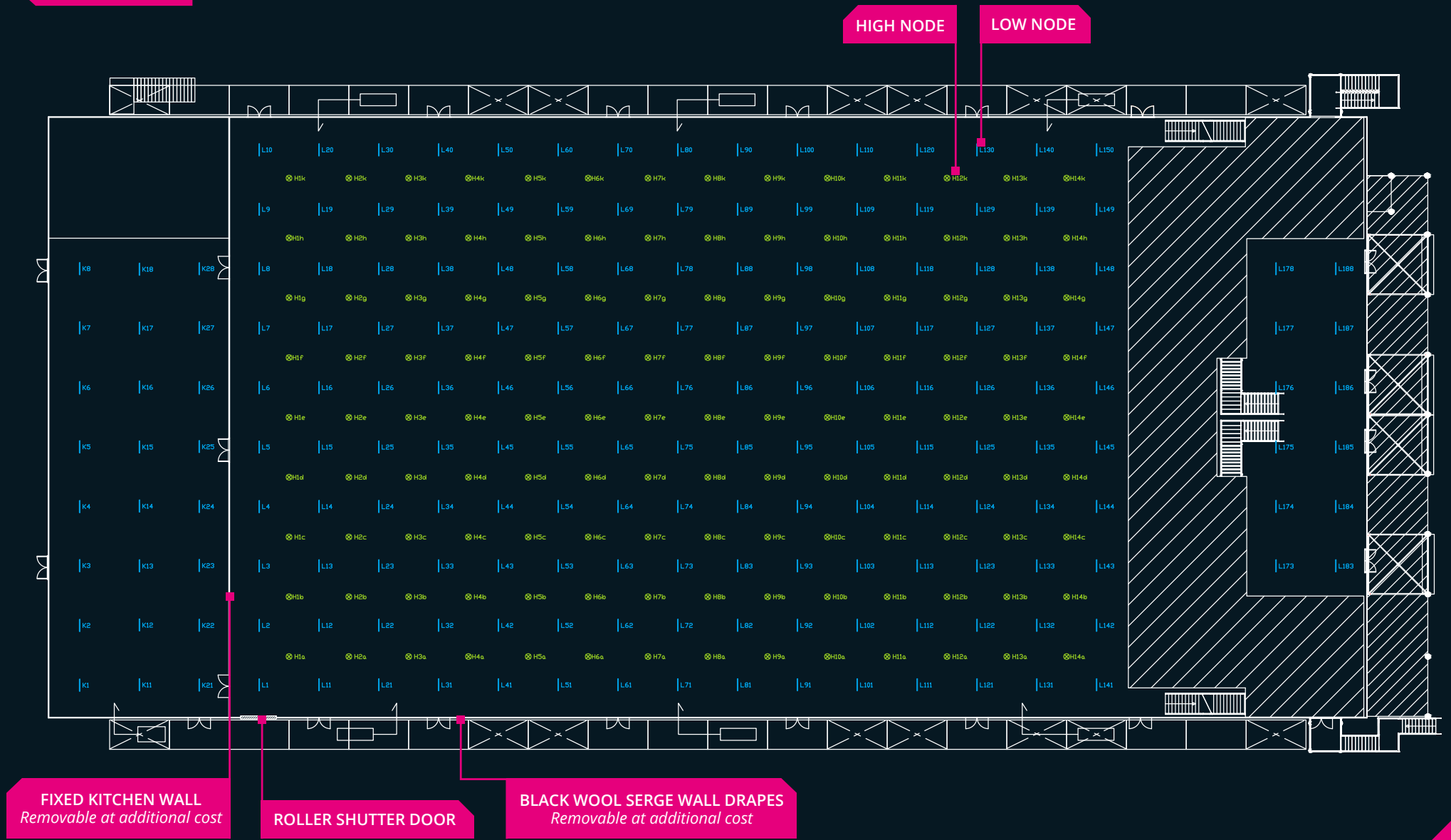
|                                                                     |           |
|---------------------------------------------------------------------|-----------|
| House Technician is included for the first 24 hours of your tenancy | £included |
|---------------------------------------------------------------------|-----------|

|                                                             |      |
|-------------------------------------------------------------|------|
| House Technician per 12 hour shift for remainder of tenancy | £291 |
|-------------------------------------------------------------|------|

## Electrical Sign-Off

|                                                            |      |
|------------------------------------------------------------|------|
| Electrician<br>Electrical Signoff to BS7909 for your event | £384 |
|------------------------------------------------------------|------|

# SITE LAYOUT



# ARTNET INFRASTRUCTURE

The Artnet infrastructure consists of four Enttec Datagates configured:

## Production and Production Backup

| Universe |              |
|----------|--------------|
| 0        | Production 1 |
| 1        | Production 2 |
| 2        | Production 3 |
| 3        | Production 4 |
| 4        | Production 5 |
| 5        | Production 6 |
| 6        | Production 7 |
| 7        | Production 8 |

A full DMX patch list is available on request

## Main House Installation

| Universe |                |
|----------|----------------|
| 64       | Working Lights |
| 65       | Chroma Floods  |
| 66       | Starcloth      |
| 67       | Starcloth      |
| 68       | House Dimming  |

## Atrium House Installation

| Universe |                  |
|----------|------------------|
| 68       | House Dimming    |
| 97       | Truss 1          |
| 98       | Truss 2          |
| 99       | Truss 3          |
| 100      | Truss 4          |
| 101      | Truss 5          |
| 102      | Outdoor Lighting |

*For an AutoCAD drawing of the venue please contact our dedicated team.*

# SOUNDWEB

The installed sound system is designed to cover the basic requirements for exhibitions. Awards shows, conferences and live music events will require a separate larger sound system; using the house speakers to reinforce the main system within the dining area and for background music in the entrance, bar and mezzanine.

The speakers are rigged in lines across the venue and each line is configurable - we're unable to separate out individual speakers.

The standard configurations of the house sound system are:

## Exhibition

- Main event space  
Set as house, no delays
- Mezzanine  
Set as house, no delays
- Atrium  
Set as house, no delays

There are audio inputs in the Client Office and in the Cloakroom.

## Show

- Lines 1-5  
Set as house, with delays
- Lines 6-7  
Set as bar, with delays
- Mezzanine Lines 1-4  
Set as Over Mezz, with delays
- Atrium Line 1  
Set as Atrium, with delay feed

There are audio inputs on the side walls 15m from the Mezzanine.





TPI Awards

## FREQUENTLY ASKED QUESTIONS

### ***What is the trim height in Battersea Evolution?***

Due to the curved roof trim heights vary across the venue. As a guide, truss entirely from High Nodes can achieve a trim height of approximately 6m. Please contact our team to request a AutoCAD for illustration however if you require a specific height it's advised that the client measures on site.

### ***Why do we need electrical sign-off?***

This is a mandatory requirement from Wandsworth Council. Hawthorn usually provides this for all incoming events however you are welcome to provide this document yourself using a suitably qualified electrician – please inform us in advance.

### ***What is the maximum power available on site?***

The site is fed by four 400A supplies, some of which will be occupied by the house infrastructure such as kitchens and air handling. Generators can be provided where required however please contact us to discuss your specific requirements.

### ***What is the maximum number of dimmed power feeds available?***

Hawthorn can provide up to 96 ways of dimming as standard with capacity to expand the house infrastructure if required. Please note that the Socapex feeds provided are either full hot or full dimmed and we operate a sequential patch.

### ***Can power be bought up through the floor?***

Power is dropped from the roof or run from the walls as standard. It is possible to bring power up through the floor however this will attract additional costs. Please get in touch to discuss any specific requirements you have for your event.

### ***Does Battersea Evolution have air conditioning?***

The atrium area has air conditioning permanently installed all year around. The main space has heating only, air conditioning can be brought in on request, please speak with the Battersea Evolution Team for more information.

BATTERSEA  
EVOLUTION

A SMART VENUE

HAWTHORN 

## CONTACT US

Speak to our friendly and knowledgeable team to discuss your next event at Battersea Evolution:

e: [battersea@hawthorn.biz](mailto:battersea@hawthorn.biz)

t: 01223 897690

w: [hawthorn.biz](http://hawthorn.biz)