

## Hybrid Event Studio v2 – Technical Specifications

### The space/general:

- 14x14m overall internal size. 4.2m clear height to horizontal braces, 6.5m height to apex
- Ceiling and walls fully blacked out with 320gsm black wool serge drapes
- Large entrance – 2.53m wide x 2.93m high with BWS curtain drapes
- 7m wide client area with 5 desk spaces
- Custom curved stage at 9.7m wide x 5m deep, 0.3m high
- Mid grey carpet finish to stage, black skirting
- Studio floor area finished in anthracite carpet tiles
- Water cooler
- A4 colour printer/copier/scanner
- Perspex screens between all workstations
- Lamps, power sockets, network cables hand sanitiser and IP phones at each workstation
- Face masks, gloves and cleaning equipment provided
- Free, open guest WiFi

### Video

#### Displays

- 15x3.5m Unilumin UPAD III 2.6mm pitch LED wall – 5760x1344 pixels. Up to 4 PIP sources.
- Samsung 98" QM98F (2160p) presenter monitor on wheeled lifter, up to 4 PIP sources.
- 2 x Panasonic 50" monitors (1080p) on trolleys – assignable
- 2 x 23" 1080p monitors on client desks – assignable
- 3 x 23" 1080p monitors in tech control showing 8 way multiviewer

#### Routing/Management

- Linked Barco s3-4k system managing all sources and house destinations
- Blackmagic ATEM 2 M/E Production Studio 4K managing TX output. Multiviewer and TX available as s3 sources for house routing.
- All 16:9 sources including cameras, VT and graphics are distributed into ATEM and s3. vMix server receives 3 cameras plus ATEM TX on a 4 channel capture card.



**A** Unit 2, Rookery Lane  
Thurmaston, Leicester  
LE4 8AU  
**E** [info@premier-ltd.com](mailto:info@premier-ltd.com)  
**T** 0116 202 9953  
**W** [premier-ltd.com](http://premier-ltd.com)

Premier UK Events Ltd registered at:  
Unit 2, Rookery Lane, Thurmaston  
Leicester, LE4 8AU  
Company Reg No: 7099826

## Sources

- 2 x Custom Media Server running either Arena 6 or PowerPoint for full screen outputs
- 2 x 15" Macbook Pro running QLab or Playback Pro
- 2 x Windows Laptop for graphics
- 2 x Windows Laptop at client area (timer systems or similar)

## Cameras & Recording

- 3 x Canon XF405 on tripod – each wired with SDI output, mains, stereo XLR input, XLR for comms and ethernet for control
- 1 x Sony PMW350 on tripod
- Each XF405 is supplied with a 256GB SD card for on-board recording at either 1080p 35mbps or 2160p at 150mbps
- Each PMW350 is supplied with a 64GB SD card for on-board recording
- Two Atomos Samauri Blade SDI recorders are available at technical control, each with two 480GB SSD drives for ProRes recording. Assignable via ATEM auxes.

## Streaming System

- High spec servers – i7-9700K, 32GB RAM, dual M2 SSD drives, Quadro P4000 graphics
- Quad 3G-SDI PCI capture
- vMix Pro
- All systems NDI enabled for capture and transmit
- Up to 8 remote callers with return audio and video selection
- Remote caller chat system
- Streaming to multiple platforms simultaneously if required
- Compatible with all major streaming platforms - Teams, Zoom, Vimeo, YouTube, Facebook, WebEX
- Custom overlays/stream designs created in house with multiple windows, logos etc
- Lower thirds, logos, titles created in house

## Audio

- 2 x L-Acoustics X8, flown, individual amp channels – stage foldback
- 2 x L-Acoustics X8, flown, individual amp channels – house
- 2 x L-Acoustics SB18, on separate mix – house subs, behind LED screen
- Yamaha QL5 (32 x 16 local IO)
- Yamaha Rio 1608D (16 x 8 Dante IO) – behind LED screen
- Dante routing up to 64 channels
- 10 x Sennheiser EW300 G3/4 – lapel/handheld/headset
- Wireless IFB available if required



**A** Unit 2, Rookery Lane  
Thurmaston, Leicester  
LE4 8AU  
**E** [info@premier-ltd.com](mailto:info@premier-ltd.com)  
**T** 0116 202 9953  
**W** [premier-ltd.com](http://premier-ltd.com)

Premier UK Events Ltd registered at:  
Unit 2, Rookery Lane, Thurmaston  
Leicester, LE4 8AU  
Company Reg No: 7099826

## Lighting

- Avolites Quartz with external display
- ArtNET node and DMX buffers for distribution
- Zero88 dimming
- 6 x 50w LED working lights
- LED fire exit signage

### Backlight Truss

- 6 x Elation Fuze Z120 RGBW moving wash
- 4 x Selecon Acclaim 650w Fresnel (frost & CTB)

### Advance Trusses

- 5 x Elation DaVinci moving LED profile
- 6 x ETC Source Four 750w 25-50 Zoom (frost & CTB)
- 4 x 480w RGBW wide LED wash
- 2 x Chauvet Rogue R2 moving wash

## Network

- 4 dedicated gigabit ports to main backbone switch
- All connections 1gbps
- Failsafe enterprise backbone switch with 322Gbps capacity
- Two load balanced VDSL connections with Static IPs, 80:20
- All critical equipment on UPS supply
- 2 dedicated ports on a priority VLAN for live stream/remote feeds



**A** Unit 2, Rookery Lane  
Thurmaston, Leicester  
LE4 8AU  
**E** [info@premier-ltd.com](mailto:info@premier-ltd.com)  
**T** 0116 202 9953  
**W** [premier-ltd.com](http://premier-ltd.com)

Premier UK Events Ltd registered at:  
Unit 2, Rookery Lane, Thurmaston  
Leicester, LE4 8AU  
Company Reg No: 7099826

Client Spaces

Green Room

- Max capacity 5
- Two sofas and 2 wheeled chairs
- Water cooler
- Air conditioned
- HD display with Chromecast and display of NDI sources from studio
- Mains sockets and ethernet ports

Board Room

- Max capacity 5
- Large table with 6 chairs
- Air conditioned
- 65" HD display with HDMI input
- Mains sockets and ethernet ports

Hotdesk offices

- Two adjoining offices for hot desking
- 6 desks each with a 23" HD monitor
- Air conditioned
- A4 colour printer/photocopier
- Mains sockets and ethernet ports



**A** Unit 2, Rookery Lane  
Thurmaston, Leicester  
LE4 8AU  
**E** [info@premier-ltd.com](mailto:info@premier-ltd.com)  
**T** 0116 202 9953  
**W** [premier-ltd.com](http://premier-ltd.com)

Premier UK Events Ltd registered at:  
Unit 2, Rookery Lane, Thurmaston  
Leicester, LE4 8AU  
Company Reg No: 7099826