



PARKSIDE MEDIA HOUSE

TECHNICAL SPECIFICATIONS

Overview

Studio A

The Studio Floor 2206 sq ft (205 sq m)
The Production Gallery
The Sound Gallery
The Machine Control Room

Studio B

The Studio Floor 1710 sq ft (159 sq m)
3 Wall Green Screen
Infinity Floor
MILO Motion Control Rig

Studio C

The Studio Floor 1980 sq ft (184 sq m)
The Production Gallery
The Sound Gallery
The Machine Control Room

Studio D

The Studio Floor 1184 sq ft (110 sq m)
The Production and Sound Gallery
The Machine Control Room

Post Production

1x Avid Media Composer with DaVinci Resolve
colour grader
2x Avid Media Composers
1x 5.1 Surround sound Pro Tools Audio Dubbing
Suite with Voice Over Booth
1x Pro Tools track lay suite

Radio Studios

6x Soundproofed Radio Studios



Overview

The Mediahouse offers high definition fully digital studios with broadcast quality equipment from prestigious manufacturers in the broadcast industry. Located in the heart of Birmingham's Eastside, 15 minutes walk from Birmingham New Street, with parking located to the rear, the studios provide easy access space for any production. The studios are serviced by an on site catering team and there is specialist access for vans and equipment, with easy access to studio floors. The studios, run by a team of industry experienced professionals include:

- Three broadcast quality multi camera TV studios of varying sizes, each with dedicated control rooms and local master control rooms, two with dedicated 5.1 audio galleries. Autocue is available throughout.
- A Green Screen studio, equipped with a motion control rig, MILO.
- Each studio has access to record and playback to the tapeless digital asset management system. This also allows access to further use of post production facilities through the integrated broadcast system embedded within the whole Mediahouse.
- Three craft Avid video suites, one with a Da Vinci Resolve colour grader. All are connected to the shared storage.
- Two Pro Tools 5.1 audio suites, one with a dedicated voiceover booth.
- Twelve Sony HD cameras in total across all studios.
- Configurable talkback between all areas of the media centre.
- Male and female make-up and dressing rooms including showers.
- Six fully soundproofed digital radio studios.
- A Central Technical Apparatus room provides the backbone to the Mediahouse allowing for bespoke technical facilities to be engineered.
- Goods-in lift – with a 4000kg capacity, with door access (2100mm wide) connecting studio floors to the service yard.



Studio A

2206 sq ft (205 sq m)/20ft (6.1m) floor to grid

This double height studio could be ideal for TV programmes or live music recording. The studio is acoustically treated and isolated from the main building. The production galleries are also acoustically isolated. The studio has a double cyclorama curtain with white and black cloths available. An audience would be possible in this facility. Access to this studio is via double doors: 2300mm x 2600mm. The studio could be equipped with:

The Studio Floor 2206 sq ft (205 sq m)

Cameras

- 5x HD Sony HXC-D70 Cameras
- Fuji XA16x8 zoom lenses
 - 8.0-128mm focal length
 - 16x zoom range
- 5" top view finder with camera return feed
- Zoom and focus demands on pan bars
- Vinten Osprey pedestals with Vision 250 heads
- 3x Autocue 17" prompter screens with hoods

Wall boxes

- 4x wall boxes at floor level and 1 at gantry level
- A selection of camera connections
- Mic ties, line audio ties, HD-SDI video, Talkback
- Lighting power distribution and DMX available at floor level

Lighting

- 12x 4m Doughty lighting bars with hoists rated at 150kg each containing 4x 16A dimmer circuits, a 5kW mains circuit, 4x 13A mains circuits for intelligent lights, 2x DMX (double universe) outputs
- Hoist controller at floor level
- 48x 16A dimming system for tungsten lighting
- 18x 13A outlets distributed around the cyc

Sound

- 4x handheld radio mics (Sony UTX-2)
- 6x lapel personal mics (Sanken COS-11-HR) with belt-pack radio transmitters (Sony UTX-B2)
- 8x cardioid vocal mics (Sennheiser E840 S)



- 2x Rode NTB-2 shotgun mics with blimp and boom
- 4x presenter radio IEM channels with transparent ear tubes
- 2x Samson wedge speaker monitors

Other

- 2x 42" LG floor monitor on trollies - configurable to display any source on the video matrix
- Rehearsal and TX light
- 8x wired talkback receivers with single earpiece headsets

The Production Gallery

Display Wall with 2x 55" multiviewer displays and programme monitor

Record and Playback

- 2x record channels
- 3x replay channels
- XDCam HD422 50Mbps recording onto studio storage

Graphics

- Clarity 3000 dual channel graphics engine
- Autocue

Vision Mixer

- Sony MVS 6530 3ME vision mixer:
- Format converter 4 in 2 out
- DVE 2 channel

Vision Engineer

- 5x Sony RCP1000 camera remote control panels with overpress

Lighting

- The lighting desk can also be operated from the studio floor

The Sound Gallery

Display Wall with 2x 55" multiviewer displays and programme monitor

Sound Mixer

- Studer Vista 5 Digital Audio Mixer
 - 30 channel strips with motorised faders
 - 152 total input and output mono equivalent signals
 - 5.1 with downmixing function to stereo

Monitoring

- Genelec 803A + 8050B sub 5.1 surround sound monitoring speakers
- Genelec 8020A Stereo nearfield monitoring speakers

Recording

- Pro Tools station
 - 8x8x8 I/O
 - Wave Audio power pack (reverb, delay, EQ & others)
 - Izotope PX2 (audio repair toolkit)

Additional equipment

- Sonifex TBU
- 2x Lexicon MX400XL multi effect processor
- 2x Tascam CD500B CD player
- 2x Tascam HD-R1 compact flash record /playback
- 1x Toshiba DR20 DVD Recorder

The Machine Control Room

- Connectivity to other studios, post production and Central Technical Apparatus.

Studio B

1710 sq ft (159 sq m)/20ft (6.1m) floor to grid

This double height studio could be ideal for gaming, commercials, title sequences, SFX shoots needing a large green screen studio. The studio is acoustically treated. The studio could be equipped with:

The Studio Floor 2206 sq ft (205 sq m)

- Double PC running Flair (motion control software)
- 3-wall green screen
- MILO motion control rig
- Green screen dimmable illumination
- Part drop lighting grid
- Concrete infinity cove floor
- Mac Pro with FCP and CS6

The MILO can only be hired with our approved technician.



Studio C

1980 sq ft (184 sq m)/13ft (4m) floor to grid

This double height studio could be ideal for TV programmes or live music recording. The studio is acoustically treated with an isolated production studio and galleries. The production galleries are also acoustical isolated with access to talkback. The studio has a double cyclorama curtain with white and black cloths available. Access to this studio is via double doors: 2300mm x 2600mm. The studio could be equipped with:

The Studio Floor 1980 sq ft (184 sq m)

Cameras

- 4x HD Sony HXC-D70 Cameras
- Fuji XA16x8 zoom lenses
 - 8.0-128mm focal length
 - 16x zoom range
- 5" top view finder with camera return feed
- Zoom and focus demands on pan bars
- Vinten Osprey pedestals with Vision 250 heads
- 2x Autocue 17" prompter screens with hoods

Wall boxes

- 4x wall boxes at floor level and 1x at gantry level
- A selection of camera connections
- Mic ties, line audio ties, HD-SDI video, Talkback
- Lighting power distribution and DMX available at floor level on separate facility panels

Lighting

A combination of dimmer circuits (for Tungsten fixtures) and DMX distribution for fixtures with local dimming (for fluorescent/LED fixtures).

- Doughty type 60 sliding rail system
 - 6x rails, 12x cross pieces
- 24x 16A dimming system (for Tungsten lighting)
- 42x 13A outlets distributed at grid level
- 12x 13A outlets at floor level
- 8x 32A outlets at studio floor level

Sound

- 2x handheld radio mics (Sony UTX-2)
- 2x lapel personal mics (Sanken COS-11-HR) with belt-pack radio transmitters (Sony UTX-B2)
- 4x cardioid vocal mics (Sennheiser E840 S)
- 1x Rode NTB-2 shotgun mics with blimp and boom
- 2x presenter radio IEM channels with transparent ear tubes
- 2x Samson wedge speaker monitors

Other

- 2x 42" LG floor monitor on trollies - configurable to display any source on the video matrix
- Rehearsal and TX light
- 6x wired talkback receivers with single earpiece headsets

The Production Gallery

Display Wall with 2x 55" multiviewer displays and programme monitor

Record and Playback

- 2x record channels
- 3x replay channels
- XDCam HD 422 50 Mbps recording onto studio storage
- Control of 2x record channels and 3x replay channels at XDCam HD422 50Mbps recording onto studio storage

Graphics

- Clarity 3000 dual channel graphics engine
- Autocue

Vision Mixer

- Sony MVS 6530 3ME vision mixer
- Format converter 4 in 2 out
- DVE 2 channel

Vision Engineer

- 4x Sony RCP1000 camera remote control panels with overpress

Lighting

The lighting desk can be operated from the studio floor.

The Sound Gallery

Display Wall with 2x 55" multiviewer displays and programme monitor

Sound Mixer

- Studer Vista 5 Digital Audio Mixer
 - 30 channel strips with motorised faders and layers
 - 64 Total input mono equivalent signals
 - 72 Total output mono equivalent signals
 - 5.1 with downmixing function to stereo

Monitoring

- Genelec 803A + 8050B sub 5.1 Surround sound monitoring speakers
- Genelec 8020A Stereo nearfield monitoring speakers

Recording

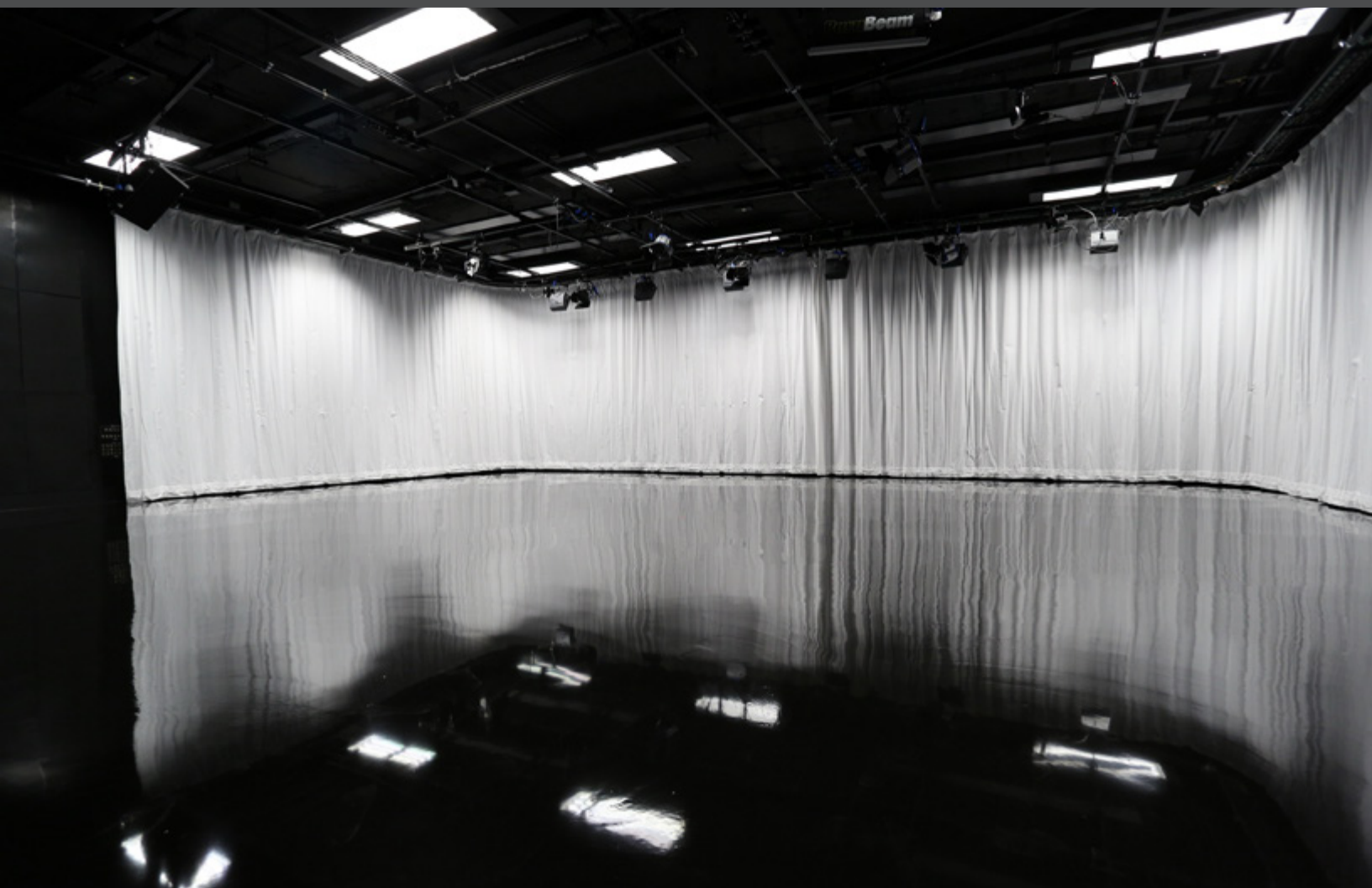
- Pro Tools station
 - 8x8x8 I/O
 - Wave Audio power pack (reverb, delay, EQ and others)
 - Izotope PX2 (audio repair toolkit)

Additional equipment

- Sonifex TBU
- 2x Lexicon MX400XL Multi effect processor
- 2x Tascam CD500B CD player
- 2x Tascam HD-R1 Compact flash record /playback
- Toshiba DR20 DVD recorder

The Machine Control Room

- Connectivity to other studios, post production and CTA



Studio D

1184 sq ft (110 sq m)/13ft (4m) floor to grid

This one and a half height, smaller studio has a partial blue cyc and partial grey cyc. It is ideal for blue screen interviews for documentary and factual programmes. Hire arrangements can be made for daily and hourly bookings. The studio has three camera points and has a combined production, lighting and audio gallery. Access to this studio is via double doors: 1260mm x 2250mm. This studio can be equipped with:

The Studio Floor 1184 sq ft (110 sq m)

Cameras

- 3x HD Sony HXC-D70 Cameras
- Fuji XA16x8 zoom lenses
 - 8.0-128mm focal length
 - 16x zoom range
- 5" top view finder with camera return feed
- Zoom and focus demands on pan bars
- Vinten Osprey pedestals with Vision 250 heads
- 2x Autocue 17" prompter screens with hoods

Wall boxes

- 3x wall boxes at floor level and 1x at gantry level
- Mic/line level audio ties, HD-SDI video, 2x Talkback loops
- Lighting power distribution and DMX available at floor level on separate facility panels

Lighting

A combination of dimmer circuits (for Tungsten fixtures) and DMX distribution for fixtures with local dimming (for fluorescent/LED fixtures).

- Doughty type 60 sliding rail system
 - 6x rails, 12x cross pieces
- 24x 16A dimming system (for Tungsten lighting)
- 28x 13A outlets distributed at grid level
- 10x 13A outlets at floor level
- 8x 32A outlets at studio floor level

Sound

- 2x lapel personal mics (Sanken COS-11-HR) with belt-pack radio transmitters (Sony UTX-B2)
- 2x cardioid vocal mics (Sennheiser E840 S)
- 2x presenter radio IEM channels with transparent ear tubes
- 2x Samson wedge speaker monitors

Other

- 1x 42" LG floor monitor on trollies - configurable to display any source on the video matrix
- Rehearsal and TX light
- 3x wired talkback receivers with single earpiece headsets

The Production and Sound Gallery

Display Wall with 2x 55" multiviewer displays and programme monitor

Record and Playback

- 1x record channels
- 2x replay channels
- XDCam HD 422 50 Mbps recording onto studio storage

Graphics

- Clarity 3000 dual channel graphics engine
- Autocue

Vision Mixer

- Sony MVS 3000 2ME vision mixer
- Format converter 4 in 2 out
- DVE 2 channel

Vision Engineer

- Monitor – matrix on IP1, WFM on IP2
- Matrix selector (programmable)
- WFM control over KVM
- 3x Sony RCP1000 camera remote control panels with overpress (plus 1x cutout space for future expansion)
- Talkback panel

Lighting

- Lighting control panel features an Avolite Tiger Touch lighting controller with 20 preset faders, swap, flash and fixture buttons on each fader, 12 available universes, intuitive programming and integrated video control with thumbnail and selection
- The lighting desk can also be operated from the studio floor

Sound Mixer

- Soundcraft Compact 16 channel sound console

Additional Equipment

- TBU Sonifex HY-03
- 1x Multi effect processor (Lexicon MX400XL)
- 2x CD Player (Tascam CD500B)
- 2x Compact Flash record/playback (Tascam HD-R1)
- DVD recorder (Toshiba DR20)

Monitoring

- Stereo monitoring speakers (Genelec 8020A)
- TSL stereo sound monitoring

Recording

- Pro Tools station
 - 8x8x8 I/O
 - Wave Audio power pack (reverb, delay, EQ and others)
 - Izotope PX2 (audio repair toolkit)
 - ZPlane PPMulator (PPM Emulator and Plug In)

The Machine Control Room

- Connectivity to other studios, post production and CTA



Post Production

The Mediahouse's Post Production System has been designed to enable content to be produced, managed and distributed digitally.

The Mediahouse has a custom built Central Technical Area that allows seamless interaction between all our Studios and Edit Suites.

The whole storage system is designed to support HD (High Definition) 1920 x 1080 50i (interlaced) or 25PSF (progressive)

This enables the Mediahouse to record multi camera material from an HD Studio onto the Editshare storage and then edit this material seamlessly.

All file based Media can be imported onto the server for use in either an edit or to be played into a studio recording.

All the Suites are digitally connected to the latest Editshare system

We offer

- 3x Full HD Online Avid Media Composer Suites(1 with DaVinci Colour Grading)
- 5x Offline Avid Media Composer Suites
- 2x 5.1 Protocols Dubbing Suites with C24 mixing console including Voice over booth
- The Geevs and Editshare Xstream Server solution will deliver:
 - 5x HD SDI Record lines
 - 8x HD SDI Payout lines



Radio Studios

The Mediahouse boasts six digital radio studios. All studios have been acoustically designed to provide ideal recording environments for both live and pre-recorded audio production and are fully soundproofed. A comfortable reception lounge just outside the studios provides an ideal space for meeting and briefing guests and talent.

Radio Studio Equipment

Each radio studio consists of the following:

- 14 channel split frame Axia Audio Element console (on controlled AoIP network)
 - 3x individual guest mic/headphone controllers
 - NTP controlled clock
 - 'MIC LIVE' light
 - Interconnection between all radio studios
- Axia Audio Analogue xNode
 - 4x stereo or 8x mono analogue inputs
 - 4x stereo or 8x mono analogue outputs
- Axia Audio Microphone xNode
 - 4x mono microphone inputs
 - 4x stereo or 8x mono analogue outputs
- Axia Audio AES xNode
 - 4x stereo digital AES inputs
 - 4x stereo digital AES outputs
- 4x Shure SM7B dynamic vocal microphones
- Numark dual CD players
- Numark iDec
- Sonifex TBU
- Talkback panel
- PC - Adobe Audition, Burli, WOAR (Wide Orbit Automation for Radio)

