

## Production Galleries

Two independent HD-equipped galleries with permanently installed facilities.

<b>Vision Mixer</b>	Sony MVS-8000X (8000G in gallery A) 3 M/E 4 Channel DME Frame Memory Format Converters (including synchronizers in gallery B) Sony MKS-9011 control panel available for 2 <sup>nd</sup> mixer/screens switching etc Remote aux switching panels
<b>Picture Monitoring</b>	Fully assignable monitor stack HD TX, HD PVW and assignable HD LCD monitors for producer/graphics op etc Discrete camera and ISO previews 3 HD assignable plasma screens
<b>Audio Monitoring</b>	Harbeth M30 L & R Overhead speakers for Director and PA Additional headphone or speaker positions available on request Full pre-hear system for presenter mics
<b>Tally and UMD</b>	TSL Tallyman system UMDs for all monitors Red and Green tallies for all cameras as standard Networkable between galleries for joint productions
<b>Talkback</b>	Reidel Permanent: Director, PA, Producer, TM Additional positions available on request

## Cameras (In house equipment. Additional equipment hired on request)

<b>Cameras</b>	10 x Sony HDC1500 6 x Sony HDLA1500 large lens adaptors 7 x HD Viewfinders
<b>Peds</b>	6 x Vinten Fulmar 2 x Vinten Quattro L 1 x Vinten Hawk Additional mount/tripods available on request.
<b>Heads</b>	5 x Vinten 750 2 x F7

## VT

Two independent control rooms with permanently installed facilities.

<b>Recording/Playback</b>	1 x EVS XT2+ Flexible patching system to accept any standard VTR (HDCAM, XDCAM etc)
<b>Edit</b>	MACPro Final Cut Studio 3 system available for simple edit jobs or transfer to/from file based media
<b>Viewing copies</b>	USB key or DVD viewing copies can be produced on request

- For more information please contact:  
Craig Church, Chief Engineer on  
020 8900 5800

### Sound Control

Two independent 5.1 control rooms with permanently installed facilities.

<b>Desk</b>	Calrec Apollo 72 faders (56 in sound control A) 12 Layers Deep Loudness monitoring
<b>Audio Monitoring</b>	Harbeth M40.1 L & R Harbeth M30 C,RL & RR
<b>Outboard Equipment</b>	2 x Cedar DNS1500 2 x tcElectronic M2000 1 x Yamaha SPX990 6 x Neve stereo compressor/limiter 2 x Solid State Logic G384 compressor 1 x Focusrite dual compressor/limiter 1 x Soundfield microphone and controllers
<b>Grams</b>	2 x Spot-On machines per control room, each with Adobe Audition installed
<b>Audio Network</b>	Calrec Hydra network, with fixed and floating boxes on the studio floor Networkable between control rooms for resource sharing Extensive analogue audio patching also available

### Vision/Lighting Control

Two independent control rooms with permanently installed facilities.

<b>Picture Monitoring</b>	Two independent, fully assignable Evertz 24 input multiviewers Sony BVM-F170 OLED for LD and vision engineers positions Sony PVM-A170 for console op and moving lights op Tektronix WFM5200 waveform monitors
<b>Talkback</b>	Reidel Permanent: Lighting Director, Vision Engineer, Moving Lights Position Additional positions available on request Fully independent production and engineering talkback channels to all cameras
<b>Camera Control</b>	Provision for 16 RCP/OCP (10 in control room A) Networkable between control rooms for resource sharing

### Studio floor and around the building

<b>Wallboxes</b>	10 wallboxes located around the perimeter of the studio with, SMPTE fibre camera patching Analogue audio, DMX, CAT5, LC Fibre and HD Video Tie Lines Calrec Hydra 'floating' Pods (48in/12out) and wallbox points (12in/4out). Video, Audio, DMX and Calrec Hydra tie lines to the grid
<b>Facilities</b>	Video, Audio, DMX and Cat5 ties to the scene dock, Area 51, restaurant and green room Triax camera points in star dressing room corridor, green room, restaurant and reception Video and Cat5 tie lines to all dressing rooms
<b>Monitors</b>	Audience/Preview monitors available on Unicol stands or slung from the grid
<b>Radio Talkback</b>	Site wide radio talkback coverage, with 10 independent in house frequencies, each with a base station for integration into the Reidel talkback system

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## Internet

<b>Connection</b>	100Mbps uncontested synchronous connection
<b>WiFi</b>	Client WiFi is available site wide The production offices have their own network and dedicated WiFi
<b>Bandwidth</b>	Bandwidth reservations/QoS setup upon request

## MCR, CAR and Lines

<b>Lines</b>	2 x outgoing uncompressed HDSDI vision circuits to BT Tower 1 x incoming uncompressed HDSDI vision circuits to BT Tower Ad hoc connection to the Level3 International Fibre Network JPEG2000 compression at 150Mbps Ideal for fully redundant backup transmission lines All lines are frame synchronised
<b>ISDN and TBU</b>	8 x ISDN circuits with multiple codec support and integrated into Reidel system 2 x TBU integrated into Reidel system
<b>Picture Monitoring</b>	Technical monitoring of all sources possible Ikegami HTM-1990R glass HD monitor for lipsync and QC Tektronix WFM8300 waveform monitor
<b>Routing</b>	Each studio has a fully associated Snell video and audio router, each 256x256 Fully assignable control panels throughout the building
<b>Glue</b>	Crystal Vision Tandem audio embedders/disembedders Crystal Vision QDown down conversion Crystal Vision Synner synchronisers Leitch X75 signal processors Crystal Vision HD/SDDA,VDA and DADA,AADA
<b>Colour Correction</b>	6 x TCube colour correction channels with remotes

## Power

<b>Supply</b>	The building is served by two independent National Grid supplies
<b>Backup</b>	Automatic switching to secondary National Grid supply if primary fails Permanent on site 1MW generator run in parallel with the incoming supply during live transmission ensuring no interruption to the power

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